STANTONSBURG TOWN HALL & POLICE DEPARTMENT

312 S. MAIN STREET STANTONSBURG, NC 27833





1007 Procure Street Fuquay-Varina, NC 27526

919.412.9138

ARCHITECTURAL

- CS1.0 COVER SHEET
- CS2.0 CODE SUMMARY CS2.1 LIFE SAFETY PLAN
- CS3.0 SPECIFICATIONS
- CS3.1 SPECIFICATIONS
- CS4.0 SYMBOLS LEGENDS CS6.0 TYPICAL ANSI DETAILS
- CS6.1 TYPICAL ANSI DETAILS
- AD1.1 DEMOLITION FLOOR PLAN
- A1.1 CONSTRUCTION FLOOR PLAN
- AD2.1 DEMO REFLECTED CEILING PLAN A2.1 NEW REFLECTED CEILING PLAN
- A3.0 FINISH PLAN
- A4.1 FURNITURE AND EQUIPMENT PLAN
- A5.0 ROOF PLAN
- A8.0 ENLARGED PLANS AND ELEVATIONS
- A8.1 ENLARGED PLANS AND ELEVATIONSA8.2 ENLARGED PLANS AND ELEVATIONS
- A11.0 MILLWORK DETAILS
- A11.1 MILLWORK DETAILS
- A11.2 MILLWORK DETAILS
- A12.0 DOOR SCHEDULE AND DETAILS

MECHANICAL

- MO.1 MECHANICAL COVER SHEET
- MO.2 MECHANICAL SCHEDULES
- M1.1 CRAWLSPACE PLAN MECHANICAL DEMOLITION
- M1.2 ATTIC PLAN MECHANICAL DEMOLITION
- M2.1 CRAWLSPACE PLAN MECHANICAL
- M2.2 ATTIC PLAN MECHANICAL M3.1 MECHANICAL DETAILS

ELECTRICAL

- E0.1 FLOOR PLAN DEMOLITION POWER
- E0.2 FLOOR PLAN POWER
- FLOOR PLAN DEMOLITION POWER
- E1.2 FLOOR PLAN POWER
- E1.3 FLOOR PLAN MECHANICAL CONNECTIONS
- E2.1 FLOOR PLAN DEMOLITION LIGHTING
- E2.2 FLOOR PLAN LIGHTING
- E3.1 ELECTRICAL DETAILS
- E3.2 ELECTRICAL DETAILS
- FA1.1 FLOOR PLAN FIRE ALARM FA2.1 FIRE ALARM DETAILS
- FA2.1 FIRE ALARM DETAILS FA2.2 FIRE ALARM DETAILS

PLUMBING

- P1.1 FLOOR PLAN DEMOLITION PLUMBING
- P1.2 FLOOR PLAN WASTE & VENT
- P1.3 FLOOR PLAN WATER
- P2.1 PLUMBING RISER
- P2.2 PLUMBING RISER

PROJECT #: 24-019

PRICING 11.27.2024 FOR PRICING PURPOSES ONLY, NOT CONSTRUCTION

2018 APPENDIX B	F. ALLOWABLE HI	EIGHT				N. SPECIAL APPROVALS	R. ELE
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS		ALLOW	ABLE SHOW	VN ON PLANS	SPECIAL APPROVAL: (LOCAL JURISDICTION, DEPARTMENT OF INSURANCE, OSC, DPI, DHHS, ETC.)		
(EXCEPT 1 AND 2 - FAMILY DWELLINGS AND TOWNHOUSES)		LE 504.3) ² 40'		NG		O. ENERGY SUMMARY	ELECTRIC
	1. PROVIDE CODE REFERENCE		/ IS NOT BASED ON TAE	3LE 504.3 OR 5	ENERGY REQUIREMENTS:	METHOD	
ADDRESS: 312 S. MAIN STREET ZIP CODE: 27833	2. THE MAXIMUM HEIGHT OF A	AIR TRAFFIC CONTROL TOWERS MUST	COMPLY WITH TABLE	412.3.1. 1	THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED		
OWNER/AUTHORIZED AGENT: BRIAN HAWLEY PHONE: 252.238.3608 EMAIL: BHAWLEY@TOWNOFSTANTONSBURG. OWNED BY: Image: City Image: County Image: State CODE ENFORCEMENT, HUDISDICTION: Image: City Image: City Image: City						PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS ANNUAL ENERGY	
		FIRE RATING	DETAIL #	DESIGN #	SHEET # SHEET #	EXISTING BUILDING ENVELOPE COMPLIES WITH CODE YES (THE REMAINDER OF THIS SECTION IS	
B. DESIGN PROFESSIONAL INFORMATION		SEPARATION REQ'D. PR DISTANCE (W	OVIDED AND / XXX* SHEET #	FOR RATED ASSEMBLY	FOR RATED FOR RATED PENETRATION JOINTS		
CONTACT: JESSICA SWANSON DESIGNER FIRM NAME LICENSE PHONE EMAIL		RED	UCTION)				
ARCHITECTURAL TURPENTINE DESIGN JESSICA SWANSON 15382 919.412.9138 JESS@TURPENTINE	ITINE-DESIGN.COM						
CIVIL	BEARING WALLS						(WHEN U
ELECTRICAL ALIGN ENGINEERING RICHARD COPELAND NC 29517 919.650.6565 RICK@AE-NC.0 FIRE ALARM ALIGN ENGINEERING RICHARD COPELAND NC 29517 919.650.6565 RICK@AE-NC.0						METHOD OF COMPLIANCE): ENERGY CODE PERFORMANCE PRESCRIPTIVE	
PLUMBING ALIGN ENGINEERING EMMETT WILLIS NC 041129 919.650.6565 EMMETT@AE-	NC.COM EAST					(IF OTHER SPECIFY SOURCE HERE) XXX	
MECHANICAL ALIGN ENGINEERING NATHAN ROMBLAD NC 041129 919.650.6565 NATHAN@AE	NC.COM WEST					THERMAL ENVELOPE (PRESCRIPTIVE METHOD ONLY)	
SPRINKLER-STANDPIPE - - - - STRUCTURAL - - - - -						ROOF/CEILING ASSEMBLY (EACH ASSEMBLY)	
RETAINING WALLS <5' HIGH	NONBEARING WALLS & PARTITIONS					U - VALUE OF TOTAL ASSEMBLY: XXX U - VALUE OF TOTAL ASSEMBLY: XXX	
OTHER	NORTH					R- VALUE OF INSULATION: XXX SKYLIGHTS IN EACH ASSEMBLY: XXX	
C. CODE DATA	EAST					U- VALUE OF SKYLIGHT: XXX	
	ETION WEST					TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY: XXX	
SHELL/CORE - CONTACT THE LOCAL INSPECTION JURISDICTION FOR POSSIBLE ADDITIONAL PROCEDUR	ES AND FLOOR CONSTRUCTION INCLUDING					EXTERIOR WALLS (EACH ASSEMBLY)	
PHASED CONSTRUCTION - SHELL/CORE- CONTACT THE LOCAL INSPECTION JURISDICTION OR POSSIBL PRODECURES AND REQUIREMENTS	E ADDITIONAL FLOOR CEILING ASSEMBLY					U-VALUE OF TOTAL ASSEMBLY: XXX U-VALUE OF TOTAL ASSEMBLY: XXX	
2018 NC EXISTING BUILDING CODE: (SELECT ONE):	APTER 14 COLUMNS SUPPORTING FLOORS						
	SUPPORTING BEAMS & JOISTS ROOF CEILING ASSEMBLY					U-VALUE OF ASSEMBLY: XXX	
RENOVATED (DATE): N/A PROPOSED OCCUPANCY (S) (CH. 3): B & A-3	COLUMNS SUPPORTING ROOF					SOLAR HEAT GAIN COEFFICIENT: XXX PROJECTION FACTOR: XXX	
RISK CATEGORY (TABLE 1604.5) CURRENT N/A I II III III PROPOSED N/A I II III III IV	SHAFT ENCLOSURES - OTHER					DOOR R- VALUE: XXX	
D. BASIC BUILDING DATA	CORRIDOR SEPARATION OCCUPANCY/FIRE BARRIER	2-HOUR 2-HOU	IR	U301		WALLS BELOW GRADE (EACH ASSEMBLY)	
						DESCRIPTION OF ASSEMBLY: XXX	
	SMOKE BARRIER SEPARATION SMOKE PARTITION					U-VALUE OF TOTAL ASSEMBLY: <u>XXX</u> R- VALUE OF INSULATION: <u>XXX</u>	
SPRINKLERS: YES NO PARTIAL INFPA 13 INFPA 13R INFPA 13R STANDPIPES: NO YES CLASS I II WET	UNIT SEPARATION						
SPECIAL INSPECTIONS REQUIRED: NO FLOOD HAZARD AREA INSPECTION JURISDICTION FOR ADDIT	IONAL * INDICATE SECTION NUMBER PE	RMITTING REDUCTION				DESCRIPTION OF ASSEMBLY: XXX	
PROCEDURES AND REQUIREMENTS).	H. PERCENTAGE	OF WALL OPENINGS				U- VALUE OF TOTAL ASSEMBLY: XXX B- VALUE OF INSULATION: XXX	
GROSS BUILDING AREA TABLE FLOOR EXISTING (S.F.) REN. AREA (S.F.) NEW (S.F.)	SUB-TOTAL	ET) DEGREE OF OPENINGS PROTEC (TABLE 705.8)	TION ALLOWABLE A	REA (%)	ACTUAL SHOWN ON PLANS (%)		
1ST FLOOR 5,380 5,380 0	5,380 30 OR GREATER	UP, NS _	NO LIMIT		N/A _	FLOORS SLAB ON GRADE DESCRIPTION OF ASSEMBLY: XXX	
TOTALS 5380 0	5 380	-	-		-	U- VALUE OF TOTAL ASSEMBLY: XXX	
101ALS 5,560 5,560 0		STEM REQUIREMENT	S			R- VALUE OF INSULATION: <u>XXX</u> HORIZONTAL/VERTICAL REQUIREMENT: <u>XXX</u>	
	EMERGENCY LIGHTING:	YES				P. STRUCTURAL DESIGN (PROVIDE ON STRUCTURAL SHEETS IF APPLICABLE)	
	FIRE ALARM:	YES				DESIGN LOADS:	
E. ALLOWABLE AREA	SMOKE DETECTION SYSTEM CARBON MONOXIDE DETEC	S: YES		RTIAL		IMPORTANCE FACTORS SNOW (IS) XXX SEISMIC (IE) XXX	
PRIMARY OCCUPANCY CLASSIFICATION(S): ASSEMBLY A-1 ASSEMBLY A-2 ASSEMBLY A-3	J. LIFE SAFETY P	AN REQUIREMENTS				LIVE LOADS: ROOF XXX PSF NIA	
ASSEMBLY A-4 ASSEMBLY A-5 BUSINESS EDUCATIONAL FACTORY F-1 FACTORY F-2						FLOOR XXX PSF	
HAZARDOUS-1 DETONATE HAZARDOUS H-2 DEFLAGRATE HAZARDOUS-3 (HAZARDOUS H-4 HEALTH HAZARDOUS H-5 HPM INSTITUTIONAL I	COMBUST FIRE AND/OR SMOKE RAT	ED WALL LOCATIONS (CHAPTER 7) PERTY LINE LOCATIONS (IF NOT ON 1	THE SITE PLAN)			GROUND SNOW LOAD XXX PSF	
Institutional I-1 condition 2 Institutional I-2-condition 1 Institutional I Institutional I-3 condition 1 Institutional I-3 condition 2 Institutional I	-2 CONDITION 2 EXTERIOR WALL OPENING -3 CONDITION 3 OCCUPANCY USE FOR EAC	AREA WITH RESPECT TO DISTANCE	TO ASSUMED PROPERTY NT LOAD CALCULATION	(LINES (705.8) I (TABLE 1004.)	1.2)	WIND LOAD ULTIMATE WIND SPEED XXX MPH (ASCE-7) EXPOSURE CATEGORY XXX	
	OCCUPANT LOADS FOR E	ACH AREA			SEISMIC DESIGN CATEGORY:		
RESIDENTIAL R-3 RESIDENTIAL R-4 STORAGE S-1 STORAGE S-1 HIGH PILE STORAGE S-2 STORAGE S-2 HIGH		TANCES (1017)					
STORAGE PKNG. GARAGE (OPEN) STORAGE PARKING GARAGE (ENCLOSED)	R GARAGE	9.4)	0.3.2(1))			RISK CATEGORY (TABLE 1604.5) LI LII LIII LIV SPECTRAL RESPONSE ACCELERATION: S(S) XXX %G S(I) XXX %G	
ACCESSORY OCCUPANCY CLASSIFICATIONS(S): N/A	CLEAR EXIT WIDTHS FOR	EACH EXIT DOOR CCUPANT LOAD CAPACITY FOR EAC	H EXIT DOOR CAN ACCO	OMMODATE BA	SED ON EGRESS WIDTH (1005.3)		
INCIDENTAL USES (TABLE 509): <u>N/A</u> SPECIAL USES (CHAPTER 4 - LIST CODE SECTIONS): N/A	ACTUAL OCCUPANT LOAD) FOR EACH EXIT DOOR PLAN INDICATING WHERE FIRE RATED) FLOOR/CEILING AND/O	R ROOF STRU	CTURE PROVIDED FOR PURPOSES	DATA SOURCE: FIELD TEST PRESUMPTIVE HISTORICAL DATA BASIC STRUCTURAL SYSTEM: BEARING WALL BUILDING FRAME MOMENT FRAME	
SPECIAL PROVISIONS: (CHAPTER 5 - LIST CODE SECTIONS): <u>N/A</u> MIXED OCCUPANCY: YES IN NO SEPARATION: 2 HR. EXCEPTION: XXX		ION H PANIC HARDWARE (1010.1.10)				DUAL W/ SPECIAL MOMENT FRAME	
SELECT ONE:			AMOUNT OF DELAY (10	010.1.9.7)			
NON-SEPARATED USE (508.3) SEPARATED USE (508.4) - SEE BELOW FOR AREA CALCULATIONS FOR EACH STORY. THE AR		IPPED WITH HOLD OPEN DEVICES	(1010.1.9.9)				
OCCUPANCY SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE ACTUAL FLOOR AREA DIVIDED BY THE ALLOWABLE FLOOR AREA FOR EACH USE SHALL NOT EXCEED 1.		′ ESCAPE WINDOWS (1030) ⁻ EACH FIRE AREA (202)					
ACTUAL AREA OF OCC. A + ACTUAL AREA OF OCC. B ≤1	THE SQUARE FOOTAGE OI	EACH SMOKE COMPARTMENT FOR (ONS OR TABLE NOTES THAT MAY HA	OCCUPANCY CLASSIFICA	TIONS I-2 (407 ARDING THE IT	7.5) FEMS ABOVE		
ALLOWABLE AREA OF OCC. A ALLOWABLE AREA OF OCC. B	K. ACCESSIBLE D	WELLING UNITS (SECTION	ON 1107)			FIELD TEST (PROVIDE COPY OF TEST REPORT) XXX PSF	
<u> </u>	0.64 ≤1.0 UNIT TOTAL	ACCESSIBLE ACCESSIBLE TYPE UNITS UNITS REOU		5 TYPE B UNI REQUIRED	ITS TYPE B UNITS ACCESSIBL PROVIDED E UNITS	PRESUMPTIVE BEARING CAPACITY XXX PSF	
		REQUIRED PROVIDED			PROVIDED	Q. MECHANICAL DESIGN (PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)	
STURY NU. DESCRIPTION (A) (B) (C) AND USE BLDG. AREA PER STORY TABLE 506.2 (4) AREA FOR (ACTUAL) APEA EDONTAGE		ARKING (SECTION 1106)	I	I		MECHANICAL SYSTEMS, SERVICE SYSTEMS & EQUIPMENT	
	UNLIMTED (2,3)	TOTAL # OF PARKING SPACES		LE SPACES PRO	OVIDED TOTAL #	THERMAL ZONE: WINTER DRY BULB: XXX	
1 COUNCIL ROOM (A-3) 823 6,000 N/A 1 ADMIN AREAS/PD (B) 4,537 9,000 N/A	9,000 AREA		REMA		ACCESSIBLE PROVIDED	SUMMER DRY BULB: XXX INTERIOR DESIGN CONDITIONS: XXX	
	- RE	QUIRED PROVIDED	O 96" SPACES	132" S	PACES	WINTER DRY BULB: XXX SUMMER DRY BULB: XXX	
	-	"STING				RELATIVE HUMIDITY: XXX BUILDING HEATING LOAD: XXX	
I. FRONTAGE INCREASES FROM SECTION 506.3 ARE COMPUTED THUS: A. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20 FT. MIN. WIDTH = $XXXX$ (F)		EXI				BUILDING COOLING LOAD: XXX MECHANICAL SPACING CONDITIONING SYSTEM:	
B. TOTAL BUILDING PERIMETER = \underline{XXX} (P) C. RATIO (F/P) = \underline{XXX} (F/P)	TOTAL						
D. W = MINIMUM WIDTH OF PUBLIC WAY = XXX (W) E. PERCENT OF FRONTAGE INCREASE I(F) = $100{(F/P - 0.25)} \times W/30$ (%)	M. PLUMBING FIX	TURE REQUIREMENT	S (TABLE 2902.1)				
2. UNLIMITED AREA APPLICABLE UNDER CONDITIONS OF SECTION (27. 3. MAXIMUM BUILDING AREA = TOTAL NUMBER OF STORIES (19. 19. 19. 19. 19. 19. 19. 19. 19. 19.	USE W	ATERCLOSETS URINALS	LAVATORIES	SHOWERS/ TUBS		SIZE CATEGORY OF UNIT: XXX	
4. THE MAXIMUM AREA OF OPEN PARKING GARAGES MULTICOMPLY WITH TABLE 406.5.4. 5. FRONTAGE INCREASE IS BASED ON THE UNSPRINCERD AREA VALUE IN TABLE 506.2		FEMALE UNISEX I 2 2 1 1	MALE FEMALE UNISE	EX	REGULAR ACCESSIBLE	BUILER: SIZE CATEGORY. IF OVERSIZED, STATE REASON: XXX	
	REQ'D 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 2	-	2* 2*	CHILLER: SIZE CATEGORY. IF OVERSIZED, STATE REASON: XXX	
	*PER SECTION 2902.7 AN ADJUSTMI	Ent in occupant content shall be mad	De Per owner request.			LIST EQUIPMENT EFFICIENCIES: <u>XXX</u>	

_	R. ELECTRICAL DESIGN			
	(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)			
-	ELECTRICAL SUMMARY ELECTRICAL SYSTEM & EQUIPMENT			
Č	METHOD OF COMPLIANCE: ENERGY CODE PRESERVE PERFORMANCE ASHRAE 90.1			
ED	LIGHTING SCHEDULE (EACH FIXTURE TYPE)		TIIDDE	
	LAMP TYPE REQUIRED IN FIX ORF NUMBER OF LAMPS IN FIXTURE		IURPE	
	BALLAST TYPE USED IN FIXTURE NUMBER OF BALLASTS IN FIXTURE		DESI	GN
	TOTAL WATTAGE PER FIXTURE			
	OR SPACE BY SPACE)		1007 Procure	Street
	ADDITIONAL EFFICIENCY DACKAGE OPTIONO		Fuquay-Varina	a, NC 27526
	ADDITIONAL EFFICIENCY PACKAGE OPTIONS (WHEN USING THE 2018 NCECC; NOT REQUIRED FOR ASHRAE 90.1)		919.412.9138	sign com
	C406.2 MORE EFFICIENT HVAC EQUIPMENT PERFORMANCE		tu pentine-de	Sign.com
	C406.6 DEDICATED OUTDOOR AIR SYSTEM			
	C406.7 REDUCED ENERGY USE IN SERVICE WATER HEATER			
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		S	TANTONSB	URG
			OWN HALL	
		312 CT	S. MAIN ST.,	
		517	ANTONSBURG, NC 278	533
1E				
		l — ,		
		#		DATE
		1	50% REVIEW	08.20.24
		2	90% REVIEW	09.19.24
		3	PRICING	11.27.24
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		7		
		8		
		9		
			I	
		COPYF PRINTI REDIS	RIGHT 2024 - ALL RIGHTS RESERVED ED OR ELECTRONIC DRAWINGS & DOCUME TRIBUTED IN ANY WAY WITHOUT WRITTEN	NTATION MAY NOT BE REPRODUCED OR N PERMISSION FROM TURPENTINE DESIGN
		ARC	TH PROJECT #	24-019
		CO	DE SUMMARY	
		SCA	LE: NTS	
		сне	ET #	CS20
		3115		



LIFE SAFETY PLAN SCALE: 1/8" = 1'-0"

LIFE SAFETY I	PLAN LEGEND		LIF	E SAFETY GENERAL NOTES		LIF	=E
★ SUITE EXIT	THE PORTION OF THE MEANS OF EGRESS WHICH IS SEPARATED FROM OTHER INTERIOR SPACES OF A BUILDING OR STRUCTURE BY FIRE-RESISTANCE RATED CONSTRUCTION AND OPENING PROTECTIVES		1	THIS LIFE SAFETY STUDY IS BASED ON THE 2018 NCBC.		1	C H F
★ BLDG EXIT	BETWEEN THE EXIT ACCESS AND THE EXIT DISCHARGE. EXITS INCLUDE EXTERIOR EXIT DOORS AT THE LEVEL OF EXIT DISCHARGE, VERTICAL EXIT ENCLOSURES, EXIT PASSAGEWAYS, EXTERIOR EXIT STAIRWAYS, EXTERIOR EXIT RAMPS AND HORIZONTAL EXITS		2	GC SHALL MAINTAIN CLEAR PATHS OF EGRESS TO EXITS DURING ALL PHASES OF CONSTRUCTION.		2	
	NODE WHICH DEFINES WHERE THE COMMON PATH OF EGRESS TRAVEL DISTANCE HAS BEEN DETERMINED. THIS POINT OCCURS		3	ALL EXISTING LIFE SAFETY SYSTEMS (SPRINKLER, FIRE ALARM, EGRESS LIGHTING AND EXIT SIGNS) SHALL BE MAINTAINED DURING CONSTRUCTION.		3	
	DISTINCT PATHS OF EGRESS TRAVEL BECOME AVAILABLE.		4	GC SHALL PROVIDE SIGNAGE COMPLYING WITH NCBC 1110, E107 AND A117.1 2009.		4	-
— —	EXIT IS DETERMINED. THIS POINT IS DEFINED AS THE MOST REMOTE POINT WITHIN THE SPACE OR STORY. THE TRAVEL DISTANCE IS TAKEN ALONG THE NATURAL AND UNOBSTRUCTED PATH OF EGRESS TRAVEL TO AN EXTERIOR EXIT DOOR AT THE LEVEL OF DISCHARGE, AN ENTRANCE TO A VERTICAL EXIT ENCLOSURE, AN EXIT PASSAGEWAY, A HORIZONTAL EXIT, AN EXTERIOR EXIT STAIRWAY OR AN EXTERIOR EXIT RAMP.		5	GC SHALL PROVIDE (IF NOT ALREADY EXISTING) TACTILE EXIT SIGNS AT ALL EXIT DISCHARGES PER NCBC 1011.3.		5	
			6	GC SHALL BE RESPONSIBLE WITH SAFEGUARDS DURING CONSTRUCTION COMPLYING WITH NCBC CHAPTER 33.		6	-
X OCCUPANT LOAD X REQ'D. EGRESS WIDTH	SYMBOL INDICATING DIRECTION OF TRAVEL, OCCUPANT LOAD SERVING DOOR, REQUIRED CLEAR WIDTH, AND PROVIDED CLEAR		7	ALL INTERIOR FINISHES SHALL COMPLY WITH NCBC T803.11.		7	-
X ACTUAL EGRESS WIDTH				GC TO MAINTAIN EXISTING ACCESSIBLE PARKING AS WELL AS ACCESSIBLE ROUTE FROM ADA PARKING TO THE		(8)	-
₽ ₽	FIRE EXTINGUISHER OR FIRE EXTINGUISHER CABINET. SEE SYMBOLS LIBRARY FOR MORE INFORMATION ON THE SPECIFICATION.		8	BUILDING ENTRYWAY FREE AND CLEAR AT ALL TIMES DURING AND AFTER CONSTRUCTION. IN ADDITION, ADA	╞		┢
	EXIT SIGNAGE (WALL OR CEILING MOUNTED). REFER TO ELECTRICAL ENGINEERING DRAWINGS FOR MORE INFORMATION.			FOUNTAINS SHALL ALSO BE MAINTAINED AT ALL TIMES.		()	
	DOOR NOTED IS EQUIPPED WITH PANIC HARDWARE. REFER TO DOOR SCHEDULE FOR MORE INFORMATION.		9	"CR" SYMBOL INDICATES SECURE DOOR(S) EQUIPPED WITH CARD READER AND ELECTRIFIED HARDWARE OR MAGNETIC LOCK. SEE DOOR SCHEDULE FOR MORE INFORMATION.		10	

SAFETY KEY NOTES OCCUPANCY LEGEND OCCUPANT LOAD AND EXIT WIDTH CALCULATIONS DOOR IS TO BE EQUIPPED WITH PANIC HARDWARE. REFER TO DOOR SCHEDULE SHEET USE GROUP OR SPACE OCCUPANCY FLOOR AREA ALLOWANCE **(**B) (A) HATCH PATTERN CLASSIFICATION PER OCCUPANT FOR MORE INFORMATION. AREA AR DESCRIPTION SF 0 ACCESSIBLE ENTRY/EXIT (NO HATCH) BUSINESS (B) 100 GROSS OCCUPANT LOAD POSTING - SIGNAGE THAT 4,040 BUSINESS (B) 7 NET CONCENTRATED MEETS NCBC 1004.3 SHALL BE PLACED IN ASSEMBLY (A-3) ASSEMBLY (A-3) (CONCENTRATED - CHAIRS CONSPICUOUS PLACE NEAR MAIN EXIT. SEE (CHAIRS ONLY- NOT FIXED) 423 ONLY, NOT FIXED) ASSEMBLY (A-3) (UNCONCENTRATED -GENERAL LIFE SAFETY NOTE #1 THIS SHEET 294 15 NET (UNCONCENTRATED TABLES TABLES & CHAIRS) / PLATFORM ASSEMBLY (A-3) AND CHAIRS) STORAGE (S-2) 438 STORAGE (S-2) 300 GROSS TOTALS 5,195 *NOTES:



1007 Procure Street Fuquay-Varina, NC 27526 919.412.9138 turpentine-design.com



STANTONSBURG **TOWN HALL**

312 S. MAIN ST., STANTONSBURG, NC 27833

)	(1004)	(C)		EXIT WIDTH (INCHES)				
REA ER ECUPANT	CALCULATED OCCUPANT LOAD (A/B)	EGRESS WIDTHREQUIRED WIDTHACTUALPER OCCUPANT(SECTION 1005.3)SHOWN(TABLE 1005.3)(A/B) X C		REQUIRED WIDTH (SECTION 1005.3) (A/B) X C		RESS WIDTH REQUIRED WIDTH ACTUAL W R OCCUPANT (SECTION 1005.3) SHOWN ON ABLE 1005.3) (A/B) X C		IDTH PLANS
		STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL	
100 gross	41	0.3	0.2	N/A	8.2	N/A	102	
7 NET	61	0.3	0.2	N/A	12.2	N/A	68	
15 NET	20	0.3	0.2	N/A	4	N/A	48	
300 GROSS	2	0.3	0.2	N/A	0.4	N/A	68	
VARIES	124	0.3	0.2	_	_	_	_	



DIVISION O: GENERAL CONDITIONS

GENERAL CONDITIONS (00700) CONFORM WORK TO THE CONTRACT DOCUMENTS WHICH INCLUDE THE

OWNER/CONTRACTOR AGREEMENT. THE DRAWINGS, AND ALL ADDENDA AND MODIFICATIONS ISSUED BY THE ARCHITECT.

DIVISION 1: GENERAL REQUIREMENTS SUBMITTALS (01340)

PROCEDURES:

- PRIOR TO COMMENCING SUBSTANTIAL PORTIONS OF THE WORK, PREPARE A MASTER SUBMITTAL LOG SHOWING EACH REQUIRED SUBMITTAL AND SPECIFICATION SECTION NUMBER, THE PROPOSED SCHEDULE AND SEQUENCING OF SUBMITTALS, AND EACH AFFECTED CONTRACTOR. MAINTAIN THE LOG CURRENT WITH THE PROGRESS OF THE
- WORK. PROVIDE A COPY OF THE INITIAL AND UPDATED LOG TO THE ARCHITECT. REVIEW SUBMITTALS AND INDICATE RESULTS OF REVIEW PRIOR TO SUBMITTING TO ARCHITECT.
- TRANSMIT EACH ITEM UNDER AIA FORM 810 OR SIMILAR FORM. NUMBER EACH SUBMITTAL CONSECUTIVELY BASED UPON SPECIFICATION SECTION NUMBERS (I.E. 06400-2, 06400-3, ETC.). ATTACH OR INCLUDE A COVER OUTING/STAMP SHEET WITH EACH SUBMITTAL IN APPROVED FORMAT A. IDENTIFY PROJECT, CONTRACTOR, SUBCONTRACTOR, MAJOR SUPPLIER, AND
- GENERIC NAME OF COMPONENT SYSTEM. ALLOW SPACE ON THE COVER SHEET TO ACCOMMODATE REQUIRED STAMPS BY EACH REVIEWER. PROVIDE ADDITIONAL SHEETS IF
- NECESSARY B. IDENTIFY DEVIATIONS FROM DRAWINGS AND SPECIFICATIONS AND INCLUDE A STATEMENT OF REASON(S) FOR DEVIATION. PROCESS IN ACCORDANCE WITH SECTION
- 01630. AFTER REVIEW OF SUBMITTAL, REVISE AND RESUBMIT IF SO INDICATED; IDENTIFY
- CHANGES MADE SINCE PREVIOUS SUBMITTAL
- DISTRIBUTE COPIES OF REVIEWED SUBMITTALS TO CONCERNED CONTRACTORS. INSTRUCT RECIPIENTS TO PROMPTLY REPORT ANY INABILITY TO COMPLY WITH PROVISIONS.
- MAKE SUBMITTALS FAR ENOUGH IN ADVANCE OF SCHEDULED INSTALLATION DATES TO PROVIDE TIME REQUIRED FOR REVIEWS, FOR SECURING NECESSARY APPROVALS, FOR POSSIBLE REVISIONS AND RESUBMITTALS, AND FOR PLACING ORDERS AND SECURING DELIVERY.
- SUBMITTALS PROVIDED FOR WORK AND FOR WHICH NO REQUIREMENT FOR SUBMITTAL IS STATED IN THE DRAWINGS OR SPECIFICATIONS MAY BE RETURNED WITHOUT REVIEW.

SHOP DRAWINGS

- SUBMIT DIGITAL COPIES OF ALL SHOP DRAWINGS FOR REVIEW.
- Sheet Size: 8-1/2 x 11 inches minimum, 30x42 inches Maximum.

PRODUCT DATA

- MARK EACH COPY TO IDENTIFY APPLICABLE PRODUCTS, MODELS, OPTIONS, AND OTHER DATA; SUPPLEMENT MANUFACTURER'S STANDARD DATA TO PROVIDE INFORMATION UNIQUE TO THE WORK.
- SUBMIT STATED NUMBER OF COPIES FOR PROCESSING, DISTRIBUTION AND RECORD DOCUMENTATION. A. FOR DATA INDICATING CHOICES OF COLOR, AND/OR FINISH, PROVIDE "ORIGINALS". B. ALL OTHER PRODUCT DATA / SUBMITTALS REQUIRING REVIEW TO BE SUBMITTED DIGITALLY UNLESS OTHERWISE REQUESTED BY TURPENTINE DESIGN.

SUBMITTALS

- SUBMIT A REASONABLE RANGE OF MANUFACTURER'S STANDARD COLORS, TEXTURES, SHEENS, AND PATTERNS FOR SELECTION WHERE SPECIFIC PRODUCT REQUIREMENTS HAVE NOT BEEN STATED OR WHERE SUBSTITUTIONS ARE PROPOSED.
- SUBMIT SAMPLES TO ILLUSTRATE FUNCTIONAL AND SIGHT-EXPOSED CHARACTERISTICS OF THE PRODUCT, WITH INTEGRAL PARTS AND ATTACHMENT DEVICES. COORDINATE WITH SUBMITTAL DATE OF OTHER SECTIONS FOR INTERFACING WORK.
- INCLUDE IDENTIFICATION ON EACH SAMPLE, GIVING FULL INFORMATION. SUBMIT THREE SETS OF EACH PRODUCT FOR THE ARCHITECTS, PLUS ADDITIONAL SET(S)
- REOUIRED BY THE CONTRACTOR.
- SIZES: UNLESS OTHERWISE SPECIFIED, PROVIDE THE FOLLOWING: A. PAINT AND LIQUID COATED PRODUCTS: MINIMUM 8-1/2 X 11 INCHES, MAXIMUM 24 INCHES SQUARE; TAPE EDGES OF SAMPLES WHEN GYPSUM BOARD IS USED AS BASE OR SUBSTRATE.
- B. LINEAR PRODUCTS: MINIMUM 6 INCHES LONG, MAXIMUM 24 INCHES LONG. C. BULK PRODUCTS: CONTAINER LABEL ONLY.
- D. PREFABRICATED PRODUCTS: ONE UNIT.
- FULL SIZE OR ON-SITE SAMPLES OR MOCK-UPS MAY BE USED IN THE WORK UPON APPROVAL

MANUFACTURER'S CERTIFICATES AND OTHER/SIMILAR DOCUMENTS SUBMIT DIGITAL COPIES OF CERTIFICATES FOR THE ARCHITECT , PLUS ANY ADDITIONAL

- HARD COPIES REQUIRED BY THE CONTRACTOR.
- INCLUDE SIGNATURE ON EACH COPY.

BACKGROUND DRAWINGS

- REPRODUCIBLE PDF COPIES OF FLOOR PLAN "BACKGROUNDS" ARE AVAILABLE FROM THE ARCHITECT, UPON REQUEST FROM THE CONTRACTOR.
- THESE DRAWINGS CAN BE PROVIDED BY THE ARCHITECT AS AN AID TO THE CONTRACTOR/S RESPONSIBILITY TO PROVIDE SUBMITTAL DATA ACCURATELY SHOWING FIELD CONDITIONS. THE ARCHITECT DOES NOT WARRANT ACCURACY OF "BACKGROUND" DRAWINGS.

SUBSTITUTIONS (01630) REQUESTS FOR SUBSTITUTIONS SUBMIT SEPARATE REQUESTS FOR EACH PRODUCT AND SUPPORT EACH REQUEST WITH:

- A. PRODUCT IDENTIFICATION.
- B. MANUFACTURER'S LITERATURE.
- C. SAMPLES, AS APPLICABLE. D. NAME AND ADDRESS OF SIMILAR PROJECTS ON WHICH PRODUCT HAS BEEN USED AND DATE OF INSTALLATION.
- REASON FOR SUBSTITUTION ITEMIZE A COMPARISON OF THE PROPOSED SUBSTITUTION WITH PRODUCT SPECIFIED AND
- LIST SIGNIFICANT VARIATIONS. SUBMIT DATA RELATING TO CHANGES IN CONSTRUCTION SCHEDULE.
- NOTE ANY EFFECT OF SUBSTITUTION ON OTHER WORK OR PRODUCTS OR ON SEPARATE
- CONTRACTS. INCLUDE ACCURATE COST DATA COMPARING PROPOSED SUBSTITUTION WITH PRODUCT
- AND THE AMOUNT OF ANY NET CHANGE IN THE CONTRACT PRICE.
- SUBSTITUTIONS WILL NOT BE CONSIDERED WHEN:
- A. THEY ARE INDICATED OR IMPLIED ON SUBMITTALS WITHOUT A FORMAL REQUEST. B. ACCEPTANCE WILL REQUIRE SUBSTANTIAL REVISION OF DRAWINGS AND SPECIFICATIONS.
- DO NOT ORDER OR PROVIDE SUBSTITUTE PRODUCTS WITHOUT APPROVAL. Burden of proof of merit of proposed substitution is the responsibility of the CONTRACTOR.

CONTRACTOR'S REPRESENTATION

- REQUESTS CONSTITUTE A REPRESENTATION THAT THE PROPOSING PARTY: A. HAS INVESTIGATED PROPOSED PRODUCT AND DETERMINED THAT IT MEETS OR EXCEEDS, IN ALL RESPECTS, SPECIFIED PRODUCT, INCLUDING REQUIRED APPROVAL FROM AUTHORITIES HAVING JURISDICTION.
- B. WILL PROVIDE THE SAME WARRANTY FOR SUBSTITUTION AS FOR SPECIFIED PRODUCT. C. WILL COORDINATE INSTALLATION AND MAKE OTHER CHANGES WHICH MAY BE
- REQUIRED FOR WORK TO BE COMPLETE IN ALL RESPECTS. D. WAIVES CLAIMS FOR ADDITIONAL COSTS WHICH MAY SUBSEQUENTLY BECOME APPARENT.

GENERAL CONSTRUCTION NOTES:

- 1. ALL WORK SHALL COMPLY WITH THE APPLICABLE LOCAL CODES AND BUILDING REGULATIONS.
- 2. CM/CONTRACTOR SHALL REVIEW AND STUDY THE CONTRACT DOCUMENTS AND RESPONSIBLE FOR THE COORDINATION OF THE WORK OF ALL TRADES. CM/CONTRACTOR SHALL ACQUAINT THEMSELVES WITH THE JOB AND VERIFY A
- DIMENSIONS, EXISTING CONDITIONS, ETC. BEFORE COMMENCING ANY PHASE OF
- CM/CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCY BETWEEN DRAWINGS, THESE NOTES AND FIELD CONDITIONS PRIOR TO COMMENCING ANY
- DISCREPANCY BETWEEN THE DRAWINGS, THESE NOTES AND FIELD CONDITIONS F COMMENCING ANY PHASE OF THE WORK. 5. ALL WOOD BLOCKING AND GROUNDS, ARE TO BE FIRE-RETARDANT TREATED AN
- CONFORM TO ANY AND ALL BUILDING CODE REQUIREMENTS CONCERNING FIREP 6. CM/CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AS REQUIRED AND REPAIR EXISTING FINISHES OR PROVIDE NEW FINISHES IN ORDER TO PROVID
- COMPLETE FINISH AFTER ALL DEMOLITION, CHAPPING, REMOVAL, ETC. ALL OPENINGS IN RATED WALLS AND ENCLOSURES SHALL BE PROTECTED WITH
- PROTECTIVE DEVICES AS PER THE LOCAL BUILDING CODE. CM/CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS AND/OR SAMPLES FOR PERTINENT TRADES, INCLUDING WOODWORK, DOORS AND HARDWARE, LIGHTING
- ARCHITECT FOR APPROVAL PRIOR TO COMMENCING WORK. 9. ALL OUTSIDE CORNERS AT DRYWALL PARTITIONS SHALL HAVE CORNER BEADS SPACKLED. ALL GYPSUM BOARD ABUTTING CEILING TILES AND ELSEWHERE AS I SHALL HAVE TAPING "L" BEADS, TAPED AND SPACKLED.

DIVISION 6: WOOD & PLASTICS

- WORK INCLUDED:
- FIRE-TREATED WOOD BLOCKING IN WALLS AND CEILINGS. SURFACE MOUNTED PLYWOOD PANEL BOARDS.
- FIRE-RETARDANT TREATMENT.

EXECUTION:

- CORRELATE LOCATION OF FURRING, NAILERS, BLOCKING, GROUNDS AND SIMILAI SO THAT ATTACHED WORK WILL COMPLY WITH DESIGN REQUIREMENTS AND BE LOCATED
- CONSTRUCT MEMBERS OF CONTINUOUS PIECES OF LONGEST POSSIBLE LENGTHS. FIT CARPENTRY WORK TO OTHER WORK. SCRIBE AND COPE AS REQUIRED FOR A
- SHIM WITH METAL OR SLATE FOR BEARING ON CONCRETE AND MASONRY SUBS SECURELY ATTACH CARPENTRY WORK TO SUBSTRATES BY ANCHORING AND FA AS REQUIRED BY RECOGNIZED STANDARDS.
- A. PROVIDE WASHER UNDER BOLT HEADS AND NUTS IN CONTACT WITH WOOD. B. NAIL PLYWOOD TO COMPLY WITH RECOMMENDATIONS OF AMERICAN PLYWO ASSOCIATION.
- FRAMING: COMPLY WITH APPLICABLE RECOMMENDATIONS OF NATIONAL FORES ASSOCIATION REFERENCED STANDARD, FOR FABRICATION AND INSTALLATION.
- PLYWOOD: COMPLY WITH RECOMMENDATIONS OF AMERICAN PLYWOOD ASSOCI. FOR FABRICATION AND INSTALLATION OF PLYWOOD WORK

FRAMING AND SHEATHING (061100)

- WORK INCLUDED:
- ROOF AND WALL FRAMING ROOF AND WALL SHEATHING
- WOOD BLOCKING AND FURRING

EXECUTION:

- SET MEMBERS LEVEL, PLUMB, AND RIGID. MAKE PROVISIONS FOR ERECTION LOADS, AND FOR TEMPORARY BRACING TO M STRUCTURE SAFE, PLUMB, AND IN TRUE ALIGNMENT UNTIL COMPLETION OF ERE INSTALLATION OF PERMANENT BRACING
- PLACE BEAMS, JOISTS, AND RAFTERS WITH CROWN EDGE UP.
- CONSTRUCT LOAD BEARING FRAMING MEMBERS FULL LENGTH WITHOUT SPLICES 5. STUD FRAMING A. PROVIDE SINGLE BOTTOM PLATE AND DOUBLE TOP PLATES FOR LOAD BEARI
- PARTITIONS B. PROVIDE SINGLE BOTTOM AND TOP PLATES FOR NON-LOAD BEARING PARTIT C. ANCHOR BOTTOM PLATES TO CONCRETE STRUCTURE WITH ANCHOR BOLTS. D. TRIPLE STUDS AT CORNERS AND PARTITION INTERSECTIONS
- E. FRAME OPENINGS WITH DOUBLE STUDS AND HEADERS. SPACE SHORT STUDS UNDER OPENING TO STUD SPACING.
- 6. PROVIDE BLOCKING, NAILERS, GROUNDS, FURRING, AND OTHER SIMILAR ITEMS R RECEIVE AND SUPPORT WORK.
- 7. PROVIDE ADEQUATE BLOCKING FOR ALL WALL-MOUNTED UNITS IN ACCORDANC PLANS.

TOLERANCES:

CABINETWORK AND ARCHITECTURAL WOODWORK (064100)

- DRAWINGS SHALL BE FABRICATED IN ACCORDANCE WITH THE CURRENT STANDA "ARCHITECTURAL WOODWORK INSTITUTE" (AWI), INCLUDING WOOD SELECTION, SIZING FASTENING AND SHOP FINISHING AS FOLLOWS: A. "CUSTOM GRADE" FOR PLASTIC LAMINATE OR OPAQUE FINISHED MILLWORK I
- INDICATED ON THE DRAWINGS B. "HIGH PRESSURE LAMINATE AS AN ARCHITECTURAL WOODWORK MATERIAL"
- REFERENCED FOR PLASTIC LAMINATE MILLWORK. C. "PREMIUM GRADE" FOR EXPOSED WOOD VENEER MILLWORK.
- PROVIDE FIRE RETARDANT TREATED WOOD WHERE REQUIRED BY THE 2018 NC BUILDING CODE.
- SUBMITTALS:
- A. SUBMIT THE FOLLOWING IN ACCORDANCE WITH DIVISION 1, SECTION 01340. B. SUBMIT SHOP DRAWINGS FOR ALL ARCHITECTURAL WOODWORK INCLUDING DIMENSIONED PLANS, ELEVATIONS, CROSS-SECTIONS, AND LARGE-SCALE DETAIL CONSTRUCTION TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION. SHOP DRA SHALL INDICATE MATERIALS AND WOOD SPECIES, COMPONENT PROFILES, FASTE JOINTING, FINISHES, HARDWARE AND ACCESSORIES; AND ADJACENT WORK OF C TRADES
- C. SUBMIT 3 (THREE) SAMPLES OF ALL ARCHITECTURAL WOODWORK FINISHES ARCHITECT FOR REVIEW AND ACCEPTANCE PRIOR TO FABRICATION. D. SUBMIT CERTIFICATION OF FIRE-RETARDANT TREATMENT OF WOOD STATING
- FIRE-RETARDANT MATERIALS USED AND COMPLIANCE WITH AWPA SPECIFICATIO PROTECT ALL ARCHITECTURAL WOODWORK ITEMS DURING TRANSIT, DELIVERY AND HANDLING TO PREVENT DAMAGE, SOILING AND DETERIORATION. THE WOO CONTRACTOR AND GENERAL CONTRACTOR SHALL BE JOINTLY RESPONSIBLE TO CERTAIN THAT WOOD WORKING IS DELIVERED UNTIL PAINTING, WE WORK AND OPERATIONS WHICH COULD DAMAGE FINISH WORK HAVE BEEN COMPLETED.
- CONTRACTOR SHALL HAVE EXAMINED THE JOB SITE IN CONJUNCTION WITH PR DOCUMENTS SO AS TO BE SATISFIED AS TO THE CONDITIONS UNDER WHICH THE WILL BE PERFORMED, INCLUDING SUCH MATTERS AS UNLOADING FACILITIES AN OTHER CONDITIONS NEEDED PRELIMINARY TO AND DURING THE WORK.
- WOODWORK CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS AND SHALL NOT WITH THE PORTION OF WORK IN QUESTION UNTIL THE DISCREPANCIES ARE CLAI MATERIALS:

GE 1. 2. 3.	ALL WORK SHALL COMPLY WITH THE APPLICABLE LOCAL CODES AND BUILDING RULES AND REGULATIONS. CM/CONTRACTOR SHALL REVIEW AND STUDY THE CONTRACT DOCUMENTS AND SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE WORK OF ALL TRADES. CM/CONTRACTOR SHALL ACQUAINT THEMSELVES WITH THE JOB AND VERIFY ALL DIMENSIONS, EXISTING CONDITIONS, ETC. BEFORE COMMENCING ANY PHASE OF THE WORK.	WOOD TRIM (064600) WORK INCLUDED: 1. INTERIOR WOOD TRIM MATERIALS 1. INTERIOR TRIM: A. GRADED IN ACCORDANCE WITH AWI/AWMAC/WI ARCHITECTURAL WOODWORK STANDARDS,	3. 4.	FINISHES A. FACTORY FINISH EXTRUDED FRAME AND DOOR COM EXPOSED TO VIEW UPON COMPLETION OF INSTALLATION COLOR. EXPOSED SURFACES SHALL BE FREE OF SCRATC BLEMISHES. B. FINISH SHALL MATCH EXISTING TENANT STANDARD. WORKMANSHIP
4. 5.	CM/CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCY BETWEEN THE DRAWINGS, THESE NOTES AND FIELD CONDITIONS PRIOR TO COMMENCING ANY DISCREPANCY BETWEEN THE DRAWINGS, THESE NOTES AND FIELD CONDITIONS PRIOR TO COMMENCING ANY PHASE OF THE WORK. ALL WOOD BLOCKING AND GROUNDS, ARE TO BE FIRE-RETARDANT TREATED AND CONFORM TO ANY AND ALL BUILDING CODE REQUIREMENTS CONCERNING FIREPROOFING.	SECTION 3 REQUIREMENTS FOR QUALITY GRADE SPECIFIED, AVERAGE MOISTURE CONTENT OF 6 PERCENT. B. MAPLE SPECIES, NO. 1 SELECT, OF QUALITY SUITABLE FOR OPAQUE AND TRANSPARENT FINISHES. ACCESSORIES 1 FASTENERS: TYPE AND SIZE AS REQUIRED BY CONDITIONS OF USE: PLAIN STEEL FOR INTERIOR		 A. FINISHED WORK SHALL BE STRONG AND RIGID, SMOC SQUARE, TRUE, AND FREE OF DEFECTS, WARP, AND BUC MINIMUM RADII FOR THE GAUGES OF METAL USED. B. EXAMINE PROJECT CONDITIONS AND VERIFY THAT PI THIS SECTION TO PROCEED. DO NOT PROCEED WITH INST CONDITIONS HAVE BEEN CORRECTED.
6. 7. 8.	CM/CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AS REQUIRED TO PATCH AND REPAIR EXISTING FINISHES OR PROVIDE NEW FINISHES IN ORDER TO PROVIDE A FINAL COMPLETE FINISH AFTER ALL DEMOLITION, CHAPPING, REMOVAL, ETC. ALL OPENINGS IN RATED WALLS AND ENCLOSURES SHALL BE PROTECTED WITH FIRE RATED PROTECTIVE DEVICES AS PER THE LOCAL BUILDING CODE. CM/CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS AND/OR SAMPLES FOR ALL PERTINENT TRADES, INCLUDING WOODWORK, DOORS AND HARDWARE, LIGHTING, ETC. TO	 IN PASTENERS: THE AND SIZE AS REQUIRED BY CONDITIONS OF ODE, FEAR STEEL FOR INTENSION USE; HOT DIP GALVANIZED STEEL FOR EXTERIOR USE. ADHESIVES: A. WATERPROOF, WATER BASED TYPE, COMPATIBLE WITH TRIM AND SUBSTRATE MATERIALS. B. MAXIMUM VOLATILE ORGANIC COMPOUND (VOC) CONTENT: 30 GRAMS PER LITER. C. FASTENERS: TYPE AND SIZE AS REQUIRED BY CONDITIONS OF USE; PLAIN STEEL FOR INTERIOR USE; HOT DIP GALVANIZED STEEL FOR EXTERIOR USE. FINISHES 	5.	 C. VERIFY WALL THICKNESS DOES NOT EXCEED MANUF. TOLERANCES OF SPECIFIED THROAT SIZE. INSTALLATION A. COMPLY WITH FRAME AND DOOR MANUFACTURER'S F INSTRUCTIONS AND APPROVED SHOP DRAWINGS. DO NO AREAS WHERE WALL THICKNESS EXCEEDS TOLERANCES B. INSTALL FRAMES PLUMB AND SQUARE, FREE FROM V
9.	ARCHITECT FOR APPROVAL PRIOR TO COMMENCING WORK. ALL OUTSIDE CORNERS AT DRYWALL PARTITIONS SHALL HAVE CORNER BEADS TAPED AND SPACKLED. ALL GYPSUM BOARD ABUTTING CEILING TILES AND ELSEWHERE AS INDICATED SHALL HAVE TAPING "L" BEADS, TAPED AND SPACKLED.	 FACTORY FINISHING: A. PAINT OR STAIN AS INDICATED ON DRAWINGS. EXECUTION	6.	ANCHORED TO SUBSTRATES WITH FASTENERS RECOMME MAINTAIN DIMENSIONAL TOLERANCES AND ALIGNMENT JOINTS ARE HAIRLINE TIGHT AND SURFACES FLUSH WITH ADJUSTING AND CLEANING
	ISION 6: WOOD & PLASTICS	 PRIOR TO INSTALLATION, CONDITION WOOD TO AVERAGE HUMIDITY THAT WILL PREVAIL AFTER INSTALLATION. INSTALL IN ACCORDANCE WITH AWI/AWMAC/WI ARCHITECTURAL WOODWORK STANDARDS. 		 A. PROTECT EXPOSED PORTIONS OF ALUMINUM SURFACE LIME, ACID, CEMENT AND OTHER CONTAMINANTS. B. TOUCH UP MARRED AREAS SO THAT TOUCH UP IS N
WOR 1. 2. 3.	K INCLUDED: FIRE-TREATED WOOD BLOCKING IN WALLS AND CEILINGS. SURFACE MOUNTED PLYWOOD PANEL BOARDS. FIRE-RETARDANT TREATMENT.	 INSTALL IN LONGEST PRACTICAL LENGTHS. SET PLUMB AND LEVEL. MITER ENDS, CORNERS, AND INTERSECTIONS. SCRIBE TO ADJACENT CONSTRUCTION WITH MAXIMUM 1/8 INCH GAPS. 	7.	FEET. REMOVE AND REPLACE FRAMES THAT CANNOT BE PROTECTION A. PROTECT AS REQUIRED TO ASSURE THAT FRAMES AN DAMAGE UNTIL SUBSTANTIAL COMPLETION.
EXEC 1.	CUTION: CORRELATE LOCATION OF FURRING, NAILERS, BLOCKING, GROUNDS AND SIMILAR SUPPORTS SO THAT ATTACHED WORK WILL COMPLY WITH DESIGN REQUIREMENTS AND BE PROPERLY	7. FASTEN OR ADHERE TO SUPPORTING CONSTRUCTION. DIVISION 8: DOORS, WINDOWS & GLASS ALUMINUM DOORS AND FRAMES FOR INTERIOR USE (08110)		ISION 8: DOORS, WINDOWS & GLASS DW METAL DOORS AND FRAMES (08110) (INCLUDED:
2. 3.	located. Construct members of continuous pieces of longest possible lengths. Fit carpentry work to other work. Scribe and cope as required for accurate	STANDARDS: 1. NFPA 80 - STANDARD FOR FIRE DOORS AND WINDOWS.	1. 2. 3.	HOLLOW METAL DOORS AND FRAMES. DRILLING AND REINFORCEMENT TO RECEIVE HARDWARE. SHOP PRIMING.
4. 5.	FIT. SHIM WITH METAL OR SLATE FOR BEARING ON CONCRETE AND MASONRY SUBSTRATES. SECURELY ATTACH CARPENTRY WORK TO SUBSTRATES BY ANCHORING AND FASTENING	 UL BUILDING MATERIALS LIST, JANUARY 1979 EDITION. FIRE-RATED DOOR AND DOOR FRAME ASSEMBLIES (INCLUDING HARDWARE) SHALL CONFORM TO UL STANDARDS AND LOCAL BUILDING CODES. PLACE UL LABELS WHERE VISIBLE WHEN 	STAN	IDARDS: ANSI A250.7 - STANDARD NOMENCLATURE FOR STANDA
	AS REQUIRED BY RECOGNIZED STANDARDS. A. PROVIDE WASHER UNDER BOLT HEADS AND NUTS IN CONTACT WITH WOOD. B. NAIL PLYWOOD TO COMPLY WITH RECOMMENDATIONS OF AMERICAN PLYWOOD	DOORS AND FRAMES INSTALLED, OPEN POSITION.	2. 3.	FRAMES. CS242-62 U.S. DEPARTMENT OF COMMERCE COMMERCIAL NFPA 80 - STANDARD FOR FIRE DOORS AND WINDOWS.
6. 7.	ASSOCIATION. FRAMING: COMPLY WITH APPLICABLE RECOMMENDATIONS OF NATIONAL FOREST PRODUCTS ASSOCIATION REFERENCED STANDARD, FOR FABRICATION AND INSTALLATION. PLYWOOD: COMPLY WITH RECOMMENDATIONS OF AMERICAN PLYWOOD ASSOCIATION (APA)	COMPLY WITH STANDARDS AND PROVIDE UL LABELS WHERE REQUIRED ON DOORS AND FRAMES.	4. 5.	UL BUILDING MATERIALS LIST STEEL DOORS, FRAMES, AND TIER INSTALLATION SHALL NAAMM. EIRE-RATED DOOR AND DOOR FRAME ASSEMBLIES (INCL
FRAM	FOR FABRICATION AND INSTALLATION OF PLYWOOD WORK.	 SINGLE SOURCE RESPONSIBILITY: PROVIDE ALUMINUM FRAMES AND ACCESSORIES PRODUCED BY A SINGLE MANUFACTURER FOR EACH TYPE OF PRODUCT INDICATED. 	0.	CONFORM TO UL STANDARDS AND LOCAL BUILDING COI VISIBLE WHEN DOORS AND FRAMES INSTALLED, OPEN P
WOR 1.	K INCLUDED: ROOF AND WALL FRAMING	QUALIFICATION OF INSTALLERS: 1. FOR ACTUAL INSTALLATION OF ALUMINUM DOOR FRAMES WORK, USE ONLY PERSONNEL WHO	LABE 1.	LS: COMPLY WITH STANDARDS AND PROVIDE UL LABELS W
2. 3. EXEC	ROOF AND WALL SHEATHING WOOD BLOCKING AND FURRING CUTION:	ARE THOROUGHLY TRAINED AND EXPERIENCED IN SKILLS REQUIRED AND WHO ARE COMPLETELY FAMILIAR WITH MANUFACTURER'S CURRENT RECOMMENDATION METHODS OF INSTALLATION AS WELL AS REQUIREMENTS OF THIS WORK.	QUAL 1.	FRAMES. .IFICATIONS: PROVIDE DOORS AND FRAMES MANUFACTURED BY A FI
1. 2.	SET MEMBERS LEVEL, PLUMB, AND RIGID. MAKE PROVISIONS FOR ERECTION LOADS, AND FOR TEMPORARY BRACING TO MAINTAIN STRUCTURE SAFE, PLUMB, AND IN TRUE ALIGNMENT UNTIL COMPLETION OF ERECTION AND INSTALLATION OF PERMANENT BRACING	DELIVERY, STORAGE AND HANDLING 1. DELIVER FRAMES IN CARTONS TO PROVIDE PROTECTION DURING TRANSIT AND STORAGE AT	QUAL	PRODUCTION OF HOLLOW METAL WORK.
3. 4. 5.	PLACE BEAMS, JOISTS, AND RAFTERS WITH CROWN EDGE UP. CONSTRUCT LOAD BEARING FRAMING MEMBERS FULL LENGTH WITHOUT SPLICES. STUD FRAMING:	2. INSPECT FRAMES UPON DELIVERY FOR DAMAGE A. REPAIR MINOR DAMAGE TO PRE-FINISHED PRODUCTS BY MEANS AS RECOMMENDED BY	I.	FOR ACTUAL INSTALLATION OF HALLOW METAL WORK, THOROUGHLY TRAINED AND EXPERIENCED IN SKILLS REI COMPLETELY FAMILIAR WITH MANUFACTURER'S CURREN
PAR	A. PROVIDE SINGLE BOTTOM PLATE AND DOUBLE TOP PLATES FOR LOAD BEARING ITTIONS. B. PROVIDE SINGLE BOTTOM AND TOP PLATES FOR NON-LOAD BEARING PARTITIONS.	B. REPLACE FRAMES THAT CANNOT BE SATISFACTORILY REPAIRED. 3. STORE FRAMES AT PROJECT SITE UNDER COVER AND AS NEAR AS POSSIBLE TO FINAL INSTALLATION LOCATION DO NOT USE COVERING MATERIAL THAT WILL CAUSE	SUBM	
	C. ANCHOR BOTTOM PLATES TO CONCRETE STRUCTURE WITH ANCHOR BOLTS. D. TRIPLE STUDS AT CORNERS AND PARTITION INTERSECTIONS. E. FRAME OPENINGS WITH DOUBLE STUDS AND HEADERS. SPACE SHORT STUDS OVER AND	DISCOLORATION OF ALUMINUM FINISH.	2.	SHOP DRAWING SHOWING ELEVATIONS OF EACH DOOR TYPE; LOCATION IN THE PROJECT FOR EACH ITEM; CONE VARIOUS WALL THICKNESS AND MATERIAL; TYPICAL AN
UND 6. 7.	er opening to stud spacing. Provide Blocking, Nailers, grounds, furring, and other similar items required to Receive and support work. Provide Adequate Blocking for all Wall-Mounted Units in Accordance with	 DO NOT BEGIN INSTALLATION OF FRAMES OR DOORS UNTIL AREA OF WORK HAS BEEN COMPLETELY ENCLOSED AND INTERIOR IS PROTECTED FROM THE ELEMENTS. MAINTAIN TEMPERATURE AND HUMIDITY IN AREAS OF INSTALLATION WITHIN REASONABLE LIMITS. AS CLOSE AS POSSIBLE TO FINAL OCCUPANCY. IF NECESSARY, PROVIDE TEMPERATURE 		CONSTRUCTION; METHODS OF ASSEMBLING SECTIONS; LO REQUIREMENTS FOR HARDWARE, SIZE, SHAPE AND THICK CONNECTIONS.
tole 1.	PLANS. FRANCES: FRAMING MEMBERS: ¹ /	CONTROL AND VENTILATION TO MAINTAIN REQUIRED ENVIRONMENTAL CONDITIONS.	Coor 1.	RDINATION AND MEASUREMENT: TAKE ALL NECESSARY MEASUREMENTS AT THE PROJECT AND FABRICATIONS OF ALL WORK. VARIATIONS OF AD.
CABI 1.	NETWORK AND ARCHITECTURAL WOODWORK (064100) PROVIDE SHOP FABRICATED CABINETWORK AND ARCHITECTURAL WOODWORK ITEMS	 SUBMIT THE FOLLOWING IN ACCORDANCE WITH DIVISION 1. SHOP DRAWING SHOWING ELEVATIONS OF EACH DOOR TYPE; DETAILS OF EACH FRAME TYPE; LOCATION IN THE PROJECT FOR EACH ITEM; CONDITIONS AT OPENINGS WITH VARIOUS WALL 		TAKEN INTO ACCOUNT AND PROPERLY PROVIDED FOR N CLOSELY COORDINATED WITH THAT OF OTHER TRADES AFFECTED BY WORK INCLUDED HEREIN. PROVIDE 15% O
2.	COMPLETE WITH HARDWARE ACCESSORIES, AS INDICATED ON ARCHITECTURAL DRAWINGS. ALL CABINETWORK AND ARCHITECTURAL WOODWORK INDICATED ON ARCHITECTURAL DRAWINGS SHALL BE FABRICATED IN ACCORDANCE WITH THE CURRENT STANDARDS OF "ARCHITECTURAL WOODWORK INSTITUTE" (AWI), INCLUDING WOOD SELECTION, JOINERY,	THICKNESS AND MATERIAL; TYPICAL AND SPECIAL DETAILS OF CONSTRUCTION; METHODS OF ASSEMBLING SECTIONS; LOCATION AND INSTALLATION REQUIREMENTS FOR HARDWARE, SIZE, SHAPE AND THICKNESS OF MATERIALS; JOINTS AND CONNECTIONS. USE SAME REFERENCE NUMBERS FOR OPENINGS AS CONTRACT DRAWINGS.	2.	ANGLE CLIPS ATTACHED FRAMES TO E UTILIZED IN AREA SECURE TEMPLATES FROM FINISH HARDWARE SUPPLIER PROVISIONS FOR, ALL FINISHED HARDWARE AT FACTOR
	Sizing fastening and shop finishing as follows: A. "Custom grade" for plastic laminate or opaque finished millwork finishes as Indicated on the drawings.	3. INFORMATIONAL SUBMITTALS: SUBMIT MANUFACTURER'S INSTRUCTIONS. SAMPLES – SUBMIT THE FOLLOWING:	requi 1.	REMENTS OF REGULATORY AGENCIES: A. PROVIDE REQUIRED LABELS PERMANENTLY FASTENE ASSEMBLY WHICH IS WITHIN THE SIZE LIMITATIONS ESTA
3.	 B. "HIGH PRESSURE LAMINATE AS AN ARCHITECTURAL WOODWORK MATERIAL" REFERENCED FOR PLASTIC LAMINATE MILLWORK. C. "PREMIUM GRADE" FOR EXPOSED WOOD VENEER MILLWORK. PROVIDE FIRE RETARDANT TREATED WOOD WHERE REQUIRED BY THE 2018 NC STATE 	 SAMPLES INDICATING QUALITY OF FINISH IN SELECTED COLORS ON ALLOYS USED FOR WORK. WHERE NORMAL COLOR AND TEXTURE VARIATIONS ARE EXPECTED, INCLUDE ADDITIONAL SAMPLES TO SHOW RANGE OF SUCH VARIATION. 		B. PROVIDE ANCHORS FOR LABELED FRAMES AS REQUI
4.	Building Code. Submittals: A Submit the following in accordance with Division 1 Section 01340	COORDINATION AND MEASUREMENT: 1. TAKE ALL NECESSARY MEASUREMENTS AT THE PROJECT SITE TO ASSURE PROPER FITTING AND FABRICATIONS OF ALL WORK VARIATIONS OF ADJACENT CONSTRUCTION SHALL BE	HOLL 1.	OW METAL FRAMES: MATERIALS A. SHEET STEEL FOR FRAMES: ASTM A366, COLD ROLLI
	B. SUBMIT SHOP DRAWINGS FOR ALL ARCHITECTURAL WOODWORK INCLUDING DIMENSIONED PLANS, ELEVATIONS, CROSS-SECTIONS, AND LARGE-SCALE DETAILS OF CONSTRUCTION TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS	TAKEN INTO ACCOUNT AND PROPERLY PROVIDED FOR WORK UNDER THIS SECTION SHALL BE CLOSELY COORDINATED WITH THAT OF OTHER TRADES WHOSE WORK AFFECTS, OR IS AFFECTED BY WORK INCLUDED HEREIN. PROVIDE 15% OF THE FRAMES 3" EXTRA LENGTH, NO		QUALITY FULLY ANNEALED, STRETCHER LEVELED 16 GA SURFACE, FREE FROM SCALE, PITTING, RUST, AND SURFA B. FRAME REINFORCING: ASTM A36, GAUGES SPECIFIED
	SHALL INDICATE MATERIALS AND WOOD SPECIES, COMPONENT PROFILES, FASTENING, JOINTING, FINISHES, HARDWARE AND ACCESSORIES; AND ADJACENT WORK OF OTHER TRADES.	ANGLE CLIPS ATTACHED FRAMES TO E UTILIZED IN AREAS WHERE FLOOR VARIES. 2. SECURE TEMPLATES FROM FINISH HARDWARE SUPPLIER AND ACCURATELY INSTALL, OR MAKE PROVISIONS FOR, ALL FINISHED HARDWARE AT FACTORY.	2.	C. PAINT: ZINC CHROMATE, RUST-INHIBITIVE PRIMER FOI D. SOUND DEADENING INSULATION: NON-SETTLING, VEI FABRICATION
	 C. SUBMIT 3 (THREE) SAMPLES OF ALL ARCHITECTURAL WOODWORK FINISHES TO ARCHITECT FOR REVIEW AND ACCEPTANCE PRIOR TO FABRICATION. D. SUBMIT CERTIFICATION OF FIRE-RETARDANT TREATMENT OF WOOD STATING NAME OF 	Requirements of Regulatory Agencies: 1. A. Provide Required Labels Permanently Fastened on Each door and Frame		A. FRAMES: SET OP AND WELDED COMBINATION TYPE GAUGE FOR ALL OPENINGS. KNOCK-DOWN FRAMES WIL DOORS OR DEMISING PARTITION DOORS.
5.	FIRE-RETARDANT MATERIALS USED AND COMPLIANCE WITH AWPA SPECIFICATIONS. PROTECT ALL ARCHITECTURAL WOODWORK ITEMS DURING TRANSIT, DELIVERY, STORAGE AND HANDLING TO PREVENT DAMAGE, SOILING AND DETERIORATION. THE WOODWORK CONTRACTOR AND GENERAL CONTRACTOR SHALL BE JOINTLY RESPONSIBLE TO MAKE CERTAIN THAT WOOD WORKING IS DELIVERED UNTIL PAINTING. WE WORK AND SIMILAR	Assembly which is within the size limitations established by the labeling Authority having jurisdiction. B. Provide Anchors for labeled frames as required by authority having Jurisdiction.		 B. CORNER JOINTS: FORM CORNER JOINTS BY MITERING COMBINATION OF BOTH. IN BOTH CASES, TRIM AND BAG AROUND CORNERS. CONTINUOUSLY WELD JOINTS FOR I AND TRIM. C. REINFORCING: REINFORCE FRAME HEADS FOR OPENII
6.	OPERATIONS WHICH COULD DAMAGE FINISH WORK HAVE BEEN COMPLETED. CONTRACTOR SHALL HAVE EXAMINED THE JOB SITE IN CONJUNCTION WITH PROJECT DOCUMENTS SO AS TO BE SATISFIED AS TO THE CONDITIONS LINDER WHICH THE WORK	WARRANTY: 1. WARRANT AGAINST DEFECTS IN MANUFACTURING OF MATERIALS FOR A PERIOD OF 2 YEARS FROM DATE OF SUBSTANTIAL COMPLETION		Continuous equal leg 10 gauge steel angles the equivalent channel, welded to the back of the F spreaders across bottoms of 3-sided frames to
7.	WILL BE PERFORMED, INCLUDING SUCH MATTERS AS UNLOADING FACILITIES AND ANY OTHER CONDITIONS NEEDED PRELIMINARY TO AND DURING THE WORK. WOODWORK CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY	 WARRANT FRAMING FINISH AGAINST DEFECTS, INCLUDING CRACKING, FLAKING, BLISTERING, PEELING AND EXCESSIVE FADING, CHALKING AND NON-UNIFORMITY IN COLOR FOR A PERIOD OF 5 YEARS. 		HANDLING. REINFORCE JAMBS WITH CONTINUOUS FORM WHERE SHOWN. D. JAMB ANCHORS: PROVIDE METAL ANCHORS OF SHA
MAT	DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS AND SHALL NOT PROCEED WITH THE PORTION OF WORK IN QUESTION UNTIL THE DISCREPANCIES ARE CLARIFIED. ERIALS:	MANUFACTURERS: 1. REFERENCE DOOR SCHEDULE FOR APPROVED MANUFACTURERS AND PRODUCTS.		ADJOINING TYPE OF WALL CONSTRUCTION. IN DRYWAL ANCHORS. FABRICATE JAMB ANCHORS OF STEEL, NOT I FRAME. LOCATE ANCHORS ON JABS NEAR THE TOP AN
	A. PLASTIC LAMINATE COLOR, MANUFACTURER, AND FINISH AS DESIGNATED ON FINISH PLANS, SHALL BE OF THE FOLLOWING TYPES FOR SPECIFIC APPLICATION, CONFORMING TO NEMA LD-3 AND ARCHITECT APPROVED SAMPLES. ADHESIVE: CONTACT TYPE TO BE AS	ALUMINUM FRAMES: 1. MATERIALS A. ALUMINUM MEETING PEOLUPEMENTS OF ACTIVE DOD, COCOTE, MURDUE, MURDUE, COCOTE, MURDUE, MURDUE, MURDUE, COCOTE, MURDUE, MURDUE		INTERMEDIATE POINTS NOT OVER 24" APART. 8 ANCHO E. FLOOR ANCHORS: PROVIDE FLOOR CLIPS OF NOT LES FASTEN TO BOTTOM OF EACH JAMB MEMBER AND MULL
	B. EXPOSED WOOD VENEER SPECIES, STAIN COLOR, FINISH AND MATCHING SHALL BE DESIGNATED ON FINISH SCHEDULE. PROVIDE THE FOLLOWING MATCH AND	A. ALOMINUM: MEETING REQUIREMENTS OF ASTM B221, 606315 ALLOY, AND AS OTHERWISE REQUIRED TO ASSURE COMPLIANCE WITH DIMENSIONAL TOLERANCES AND MAINTAIN COLOR UNIFORMITY. BILLETS SHALL BE COMPOSED OF AT LEAST 33% RECYCLED ALUMINUM.	3.	AND DIVIDUE FOR 378 DIAMETER AINCHOR BOLTS. SHOP PRIMING A. CLEAN AND CHEMICALLY TREAT METAL SURFACES T
	ASSEMBLY FOR CONTINUOUS SEQUENTIAL USE OF FLITCHES OR EACH SEPARATE EXPANSE OF MATCHED WORK AS INDICATED (i.e. PANELS, DOORS & CASEWORK). 1. HORIZONTAL MATCH: REFER TO FINISH SCHEDULE.	 B. ANCHORAGE DEVICES, CLIPS AND FASTENERS: MANUFACTURER'S STANDARD TYPE, COMPATIBLE WITH MATERIALS BEING SECURED. C. ACCESSORIES AS REQUIRED FOR COMPLETE SYSTEM 2 EABRICATION 		ADHERENCE; FOLLOW WITH A DIP OR SPRAY COAT OF R THAT ARE EXPOSED IN THE COMPLETED PROJECT. B. EACH PRIME COAT SHALL BE SEPARATELY BAKED, O TEMPERATURE FOR PAINT DRVING SHALL BE IN ACCORD
8.	2. ASSEMBLY: REFER TO FINISH SCHEDULE AND INTERIOR ELEVATIONS. CABINET HARDWARE AND RELATED ACCESSORIES SHALL BE INDICATED ON INTERIOR ELEVATIONS AND MILLWORK DETAILS	A. ASSEMBLE ALL DOOR FRAMES WITH SCREWS UTILIZING INTERNAL SCREW SPLINE SYSTEM, INSERT INTO THE DRYWALL ROUGH OPENING.	Δ	MANUFACTURER'S RECOMMENDATIONS FOR DEVELOPING ABRASION RESISTANCE.
9.	JUST PRIOR TO OWNER ACCEPTANCE, REMOVE PROTECTIVE COVERING, TOUCH UP AS REQUIRED, WIPE CLEAN, ADJUST AND LUBRICATE HARDWARE, AND CHECK FOR PROPER OPERATION OF ALL ITEMS. COORDINATE THIS WITH THE GENERAL CONTRACTOR.	C. FACTORY PRE-MACHINE DOOR FRAME JAMBS AND PREPARE FOR HARDWARE, WITH CONCEALED REINFORCEMENT PLATES, DRILLED AND TAPPED AS REQUIRED, AND FASTENED WITHIN FRAME WITH CONCEALED SCREWS.		A. FINISHED WORK SHALL BE STRONG AND RIGID, SMOC SQUARE, TRUE, AND FREE OF DEFECTS, WARP, AND BUC MINIMUM RADII FOR THE GAUGES OF METAL USED.

ED FRAME AND DOOR COMPONENTS SO THAT ALL PARTS MPLETION OF INSTALLATION ARE UNIFORM IN FINISH AND SHALL BE FREE OF SCRATCHES AND OTHER SERIOUS

- E STRONG AND RIGID, SMOOTH AND NEAT IN APPEARANCE, DEFECTS, WARP, AND BUCKLE. CORNER BENDS SHALL HAVE GES OF METAL USED. TIONS AND VERIFY THAT PROJECT IS READY FOR WORK OF O NOT PROCEED WITH INSTALLATION UNTIL UNSATISFACTORY RECTED. DOES NOT EXCEED MANUFACTURER'S RECOMMENDED HROAT SIZE. DOOR MANUFACTURER'S PRINTED INSTALLATION ED SHOP DRAWINGS. DO NOT ATTEMPT INSTALLATION IN ESS EXCEEDS TOLERANCES OF SPECIFIED THROAT SIZE. AND SQUARE, FREE FROM WARP OR TWIST, SECURELY
- WITH FASTENERS RECOMMENDED BY FRAME MANUFACTURER. ERANCES AND ALIGNMENT WITH ADJACENT WORK. ENSURE AND SURFACES FLUSH WITH ADJACENT COMPONENTS. ons of aluminum surfaces from damage by plaster,
- IER CONTAMINANTS. AS SO THAT TOUCH UP IS NOT VISIBLE FROM A DISTANCE OF 4 FRAMES THAT CANNOT BE SATISFACTORILY ADJUSTED.
- D ASSURE THAT FRAMES AND DOORS WILL BE WITHOUT COMPLETION.

OWS & GLASS

- FRAMES.
- NT TO RECEIVE HARDWARE
- MENCLATURE FOR STANDARD STEEL DOOR AND STEEL
- OF COMMERCE COMMERCIAL STANDARD.
- IRE DOORS AND WINDOWS.
- TIER INSTALLATION SHALL CONFORM WITH SD-100 AND
- FRAME ASSEMBLIES (INCLUDING HARDWARE) SHALL AND LOCAL BUILDING CODES. PLACE UL LABELS WHERE RAMES INSTALLED, OPEN POSITION.
- ND PROVIDE UL LABELS WHERE REQUIRED ON DOORS AND
- S MANUFACTURED BY A FIRM SPECIALIZING IN THE TAL WORK.
- OF HALLOW METAL WORK, USE ONLY PERSONNEL WHO ARE EXPERIENCED IN SKILLS REQUIRED AND WHO ARE MANUFACTURER'S CURRENT RECOMMENDATION METHODS OF REQUIREMENTS OF THIS WORK.
- CCORDANCE WITH DIVISION 1. EVATIONS OF EACH DOOR TYPE: DETAILS OF EACH FRAME JECT FOR EACH ITEM; CONDITIONS AT OPENINGS WITH ND MATERIAL: TYPICAL AND SPECIAL DETAILS OF ASSEMBLING SECTIONS; LOCATION AND INSTALLATION RE, SIZE, SHAPE AND THICKNESS OF MATERIALS; JOINTS AND
- UREMENTS AT THE PROJECT SITE TO ASSURE PROPER FITTING NORK. VARIATIONS OF ADJACENT CONSTRUCTION SHALL BE PROPERLY PROVIDED FOR WORK UNDER THIS SECTION SHALL BE I THAT OF OTHER TRADES WHOSE WORK AFFECTS, OR IS ED HEREIN. PROVIDE 15% OF THE FRAMES 3" EXTRA LENGTH, NO MES TO E UTILIZED IN AREAS WHERE ELOOR VARIES
- NISH HARDWARE SUPPLIER AND ACCURATELY INSTALL, OR MAKE ED HARDWARE AT FACTORY.

CIES:

- LS PERMANENTLY FASTENED ON EACH DOOR AND FRAME THE SIZE LIMITATIONS ESTABLISHED BY THE LABELING TION
- ABELED FRAMES AS REQUIRED BY AUTHORITY HAVING
- ASTM A366, COLD ROLLED, PICKLED AND OILED, PRIME STRETCHER LEVELED 16 GAUGE STEEL WITH CLEAN, SMOOTH PITTING, RUST, AND SURFACE AND INTERNAL DEFECTS.
- M A36, GAUGES SPECIFIED UNDER FABRICATION.
- UST-INHIBITIVE PRIMER FOR BACKING
- ATION: NON-SETTLING, VERMIN-PROOF, FIREPROOF.
- ELDED COMBINATION TYPE WITH INTEGRAL STOPS AND TRIM, 16 KNOCK-DOWN FRAMES WILL NOT BE ACCEPTED, FOR FIRE-RATED ON DOORS

DRNER JOINTS BY MITERING OR COPING AND BUTTING OR A BOTH CASES, TRIM AND BACKBEND SHALL BE CONTINUOUS JOUSLY WELD JOINTS FOR FULL DEPTH AND WIDTH OF FRAME

FRAME HEADS FOR OPENINGS OVER 36" WIDE WITH TWO GAUGE STEEL ANGLES THE FULL DEPTH OF THE FRAME FACE DED TO THE BACK OF THE FRAME HEAD. PROVIDE TEMPORARY IS OF 3-SIDED FRAMES TO HOLD RIGID DURING SHIPPING AND S WITH CONTINUOUS FORMED CHANNELS, 10 GAUGE MINIMUM

E METAL ANCHORS OF SHAPES AND SIZES REQUIRED FOR THE DNSTRUCTION. IN DRYWALL, FACTORY WELDED HIGH-HAT ANCHORS OF STEEL, NOT LIGHTER THAN THE GAUGE USED FOR N JABS NEAR THE TOP AND BOTTOM OF EACH FRAME AND AT VER 24" APART. 8 ANCHORS PER FRAME (MIN).

DE FLOOR CLIPS OF NOT LESS THAT 14 GAUGE STEEL AND H JAMB MEMBER AND MULLION. CLIPS SHALL BE ADJUSTABLE ETER ANCHOR BOLTS.

TREAT METAL SURFACES TO ASSURE MAXIMUM PAINT A DIP OR SPRAY COAT OF RUST-INHIBITIVE PRIMER TO SURFACES

COMPLETED PROJECT BE SEPARATELY BAKED, OR OVEN DRIED. TIME AND YING SHALL BE IN ACCORDANCE WITH THE PAINT

NDATIONS FOR DEVELOPING MAXIMUM HARDNESS AND

STRONG AND RIGID, SMOOTH AND NEAT IN APPEARANCE, DEFECTS, WARP, AND BUCKLE. CORNER BENDS SHALL HAVE GES OF METAL USED.

INSTALLATION

A. SET HOLLOW METAL FRAMES AT LOCATIONS SHOWN, IN PERFECT ALIGNMENT AND ELEVATION, PLUMB, LEVEL, STRAIGHT, TRUE AND FREE FORM RACK. BRACE FRAMES TO PREVENT DISPLACEMENT

B. ANCHOR FRAMES TO FLOORS WITH ANCHOR BOLTS OR WITH DRIVEN FASTENERS. COORDINATE THE INSTALLATION OF BUILT-IN ANCHORS FOR WALL AND PARTITION CONSTRUCTION AS REQUIRED WITH OTHER WORK.

C. AFTER WALL CONSTRUCTION HAS BEEN COMPLETED, REMOVE TEMPORARY BRACES. LEAVE SURFACES SMOOTH AND DAMAGED

D. INSTALL LABELED FIRE DOORS AND FRAMES TO MEET REQUIREMENTS OF THE INSURANCE INSPECTION AND RATING BUREAUS HAVING JURISDICTION AT THE PROJECT SITE SO AS TO AVOID ANY RATE PENALTY. CORRECT ANY INSTALLATION WHICH WOULD SUBJECT THE OWNER AND TENANT TO A RATE PENALTY.

E. AFTER INSTALLATION, TOUCH-UP SCRATCHED SURFACES. USE TYPE OF PRIMER RECOMMENDED FOR GALVANIZED SURFACES OR IDENTICAL TO THAT USED FOR SHOP COAT.

WOOD DOORS (08200)

1. PROVIDE EXPOSED WOOD VENEER DOORS OR PAINT-GRADE DOORS AS INDICATED ON ARCHITECTURAL DRAWINGS

SUBMITTALS: SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH DIVISION 1.

SOLID CORE DOORS: FLUSH TYPE, 1-3/4" THICK (MINIMUM, UNLESS OTHERWISE NOTED) SOLID BLOCK OR STILE AND RAIL CORE. TYPE AS (5PLY) CONSTRUCTION DOORS SHALL BE PREMIUM GRADE PER AWI STANDARDS. FACE VENEERS OR PAINT SPECIFICATION SHALL BE AS INDICATED ON DOOR SCHEDULE.

A. PROVIDE SOLID WOOD BLOCKING FOR ALL DOOR HARDWARE SUCH THAT NO THROUGHBOLT WILL BE REQUIRED TO PERMANENTLY MOUNT HARDWARE ON DOOR. IF

BLOCKING IS NOT PRACTICAL, PROVIDE STAVE-CORE WOOD DOORS. B. EXECUTION: DOORS SHALL HAVE ALL HANDLING MARKS OR EFFECTS OF EXPOSURE TO MOISTURE REMOVED WITH THOROUGH, FINAL SANDING OVER ALL EXPOSED SURFACES USING 150 GRIT OR FINER SANDPAPER AND SHALL THEN BE BRUSHED CLEAN. C. PRIME OR SEAL ALL WOOD DOORS ON ALL SIDES AND EDGES (IMMEDIATELY UPON DELIVERY TO PROJECT SITE). WHERE ITEMS ARE FURNISHED PREPRIMED, TOUGH UP ALL ABRASIONS

INSTALLATION

A. HANGING DOORS: ALL DOORS SHALL BE EXPERTLY HUNG AND SHALL FIT SNUG AGAINST ALL STOPS, FIT ACCURATELY AND HANG FREE FROM HINGE BIND.

B. CLEARANCE: FOR NON FIRE-RATED DOORS PROVIDE CLEARANCES OF 1/8" AT JAMBS AN HEADS, 1/8" AT MEETING STILES FOR PAIRS OF DOORS, AND 1/4" FROM BOTTOM OF DOOR TO TOP OF DECORATIVE FLOOR FINISH OR, COVERING UNLESS OTHERWISE NOTED. WHEN THRESHOLD IS SHOWN OR SCHEDULED, PROVIDE 1/8" CLEARANCE FROM BOTTOM OF DOOR TO TOP OF THRESHOLD

C. HARDWARE SHALL BE FITTED PRIOR TO FINISHING AND THEN REMOVED AND FINISHING COMPLETED BEFORE FINAL INSTALLATION OF HARDWARE. FINISH HARDWARE MUST BE NEATLY AND PROPERLY INSTALLED IN ACCORDANCE WITH BEST PRACTICES AS PRESCRIBED BY MANUFACTURERS AND AS APPROVED BY ARCHITECT

NO EXTRA COST WILL BE ALLOWED BECAUSE OF CHANGES OR CORRECTIONS NECESSARY TO FACILITATE INSTALLATION OF ANY HARDWARE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER FABRICATION OF ALL WORK OR MATERIAL TO RECEIVE HARDWARE.

DIVISION 8: DOORS, WINDOWS & GLASS (con't)

FINISH HARDWARE (08700)

PROVIDE FINISH HARDWARE AS INDICATED ON THE DOOR/HARDWARE SCHEDULE ON ARCHITECTURAL DRAWING.

SUBMITTALS:

A. SUBMIT THE FOLLOWING IN ACCORDANCE WITH DIVISION 1.

B. SCHEDULES: SUBMIT HARDWARE SCHEDULE INDICATING EACH TYPE OF HARDWARE FOR EACH DOOR; INCLUDING ROOM NUMBERS AND ANY OTHER INFORMATION.

C. SAMPLES: INDICATE REQUIRED STYLE AND FINISH. D. PRODUCT DATA: SUBMIT MANUFACTURER'S CATALOG CUTS FOR EACH HARDWARE ITEM

HARDWARE ITEMS A. SEE DOOR SCHEDULE FOR HARDWARE GROUP LOCATIONS AND DOOR TYPES. B. BUTTS: ALL EXTERIOR OUTSWINGING DOORS SHALL HAVE NONFERROUS BUTTS WITH NON-REMOVABLE PINS. LABELED DOORS SHALL HAVE STEEL BUTTS. WHERE LABELED DOORS ARE EXTERIOR OUTSWINGING, PROVIDE STAINLESS STEEL BUTTS. UNLESS

OTHERWISE SPECIFIED, SIZE OF BUTTS WILL BE DETERMINED BY THE FOLLOWING TABLE: 1. SIZE AND TYPE: a. DOORS 1-3/4" THICK AND UP TO 41" WIDE: 4 1/2" EXTRA HEAVY-WEIGH"

BALLBEARING OR OILITE BEARING.

b. DOORS 2" THICK AND/OR OVER 48" WIDE: 5" EXTRA HEAVY-WEIGHT BALLBEARING OF OILITE BEARING

2. PROVIDE WIDTHS SUFFICIENT TO CLEAR TRIM PROJECTION WHEN DOOR SWINGS 180 DEGREES

3. PROVIDE 2 HINGES TO 60" HIGH, 3 HINGES TO 90" HIGH, 4 HINGES 120" HIGH FOR EACH DOOR LEAF, UNLESS OTHERWISE SPECIFIED HEREIN.

4. FINISH: MATCH LOCKSET OR LATCHSET, UNLESS OTHERWISE SPECIFIED OR INDICATED. C. LOCKSETS AND LATCHSETS: PROVIDE HEAVY DUTY MORTISE CASES OF METAL MATCHING SPECIFIED FINISH; INTERIOR PARTS OF STEEL AND ZINC-DICHROMATIC PLATING TO RESIST RUSTING AND CORROSION. DO NOT SUPPLY PLASTIC, DIE-CAST OR ALUMINUM MECHANISMS. CYLINDERS SHALL HAVE FULL ROUND PLUGS OF EXTRUDED BRASS BAR MATERIAL, AND BE 6-PIN TUMBLER TYPE.

1. FINISH: SEE DOOR SCHEDULE

2. BACKSET: PER MFR. RECOMMENDATIONS

3. STRIKES: PROVIDE STANDARD BOX-TYPE STRIKES; FURNISH WITH EXTENDED LIPS WHERE REQUIRED TO PROTECT TRIM FROM BEING MARRED BY LATCH BOLT. VERIFY WHETHER STANDARD OR ANSI CUTOUTS ARE PROVIDED IN METAL FRAMES.

D. KEYS AND KEYING: (BY OTHERS) 1. HARDWARE MANUFACTURERS SHALL KEY AND REGISTER ALL LOCKS, PROVIDING FOR GRAND MASTER, MASTER KEY ALIKE OR KEY DIFFERENT KEYING AS DIRECTED BY

ARCHITECT 2. PROVIDE MINIMUM 2 KEYS FOR EACH LOCKSET. COORDINATE FINAL QUANTITIES W/

CLIENT 3. PROVIDE CONSTRUCTION CYLINDERS FOR DOORS REQUIRING LOCKS DURING

CONSTRUCTION. CONSTRUCTION CYLINDERS SHALL BE REMOVED AND REPLACED JUST PRIOR TO OWNER OCCUPANCY. KEYS FOR PERMANENT USE SHALL BE SUBMITTED TO OWNER. E. CLOSERS:

1. FURNISH PRODUCTS OF ONE MANUFACTURER; FULL RACK AND PINION TYPE WITH STEEL SPRING AND NON-FREEZING HYDRAULIC FLUID. PROVIDE CONTROLS FOR REGULATING CLOSING, LATCHING, SPEEDS AND BACK CHECK. SPRING POWER ADJUSTMENT WHERE SPECIFIED. SUPPLY PARALLEL-ARM CLOSERS AT REVERSE BEVEL DOORS AND WHERE DOORS SWING FULL 180 DEGREES. ARM TYPES SHALL SUIT INDIVIDUAL CONDITIONS, AS

APPROVED. REFER TO DOOR SCHEDULE FOR LOCATION OF CLOSER. 2. DESIGN: ANSI MODERN TYPE WITH COVER, UNLESS OTHERWISE SPECIFIED.

3. SIZES AS RECOMMENDED BY MANUFACTURER AND ADJUSTABLE TO THE FOLLOWING OPERATING PRESSURES:

4. INTERIOR DOORS: 5 POUNDS.

5. FIRE RATED DOORS: 15 POUNDS.

6. HEX BOLTS AND GROMMET NUTS SHALL BE AVOIDED ON DOOR FACES IN HIGHLY VISIBLE AREAS, UNLESS NO ALTERNATIVE IS POSSIBLE, AS DIRECTED AND APPROVED, AND SHALL NOT BE USED FOR SOLID WOOD CORE DOORS.

7. MAKE LABELED DOORS SELF-CLOSING, WITH MAGNETIC HOLDERS AND SMOKE DETECTORS WHERE SPECIFIED OR SHOWN ON DRAWINGS.

8. CLOSERS SHALL BE ADJUSTED BY FACTORY REPRESENTATIVE. 9. DOOR STOPS: UNLESS OTHERWISE SPECIFIED, DOME TYPE TO SUIT CONDITIONS. PROVIDE CARPET RISERS AT CARPETED AREAS.

10. MAGNETIC HOLD-OPEN DEVICES, COORDINATE WITH ELECTRICAL INSTALLATION FOR

HOOK-UP TO SMOKE DETECTOR UNIT WHERE SHOWN. 11. WEATHER-STRIPPING, THRESHOLDS AND DOOR BOTTOMS: PROVIDE WEATHER-STRIPPING AND DOOR BOTTOMS AS PART OF DOOR ASSEMBLY COMPLETE WITH ALL ACCESSORIES. FASTENING AND SEALS AS REQUIRED FOR SMOKE PROOF INSTALLATIONS WHERE SHOWN. 12. KICK PLATES: MOUNT ON PUSH SIDE ONLY. SIZE AS PER DOOR WIDTH BY SPECIFIED HEIGHT.

INSTALLATION:

A. CONTRACTOR SHALL INSTALL FINISH HARDWARE AS REQUIRED. HARDWARE SHALL BE FITTED PRIOR TO PAINTING AND THEN REMOVED AND PAINTING COMPLETED BEFORE FINAL INSTALLATION OF HARDWARE. FINISH HARDWARE MUST BE NEATLY AND PROPERLY INSTALLED IN ACCORDANCE WITH BEST PRACTICES AS PRESCRIBED BY MANUFACTURERS AND AS ACCEPTABLE TO ARCHITECT. ALL HARDWARE MUST BE THOROUGHLY CLEANED PRIOR TO TURNING PROJECT OVER TO OWNER.

B. NO EXTRA COST WILL BE ALLOWED BECAUSE OF CHANGES OR CORRECTIONS NECESSAR TO FACILITATE INSTALLATION OF ANY HARDWARE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER FABRICATION OF ALL WORK OR MATERIAL TO RECEIVE HARDWARE.



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STANTONSBURG **TOWN HALL**

312 S. MAIN ST., STANTONSBURG, NC 27833

#	\bigtriangleup	DESCRIPTION	DATE
1		50% REVIEW	08.20.24
2		90% REVIEW	09.19.24
3		PRICING	11.27.24
4			
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ARCH PROJECT # SPECIFICATIONS

SCALE: NTS

24-019

INCHES FROM HEAD OF FRAME TO CENTER LINE OF HINGE. 6. BOTTOM BUTT HINGE: TO JAMB MANUFACTURER'S STANDARD, BUT NOT GREATER THAN 12-1/2 INCHES FROM FLOOR TO CENTER LINE OF LINE.

7. INTERMEDIATE BUTT HINGES: EQUALLY SPACED BETWEEN TOP AND BOTTOM HINGES AND FROM EACH OTHER. 8. HINGE MORTISE ON DOOR LEAF: 1/4 INCH TO 5/16 INCH FROM STOP SIDE OF DOOR.

9. DEAD BOLT: NOT MORE THAN 44 INCHES FROM FLOOR TO OPERATING KNOB OF LEVER. 10. DOOR STOPS MOUNTED ON DOORS: MOUNT NEAR FLOOR SO AS TO STRIKE BASE, BUT NOT TO RUB CARPET OR FLOORING.

6. ADJUSTMENT AND MAINTENANCE: A. AFTER INSTALLATION OF HARDWARE AND AFTER AIR SUPPLY IS TURNED ON, QUALIFIED HARDWARE SUPPLIER'S OR MANUFACTURER'S REPRESENTATIVES SHALL INSPECT THE INSTALLATION OF CLOSERS, PANIC BOLTS, LOCKS AND OTHER CRITICAL OPERATIONAL HARDWARE, AND SHALL MAKE ADJUSTMENTS AND DELIVER INSTRUCTIONS FOR MAINTENANCE AND FUTURE ADJUSTMENTS TO OWNER'S PERSONNEL. PROVIDE A SET OF INSTALLATION AND ADJUSTING TOOLS.

GLAZING (08800)

- PROVIDE TEMPERED GLASS AS INDICATED ON ARCHITECTURAL DRAWINGS. SUBMITTALS:
- A. SUBMIT THE FOLLOWING IN ACCORDANCE WITH DIVISION 1:
- B. SHOP DRAWING: INDICATE COMPONENT DETAILS, MATERIALS, FINISHES, DIMENSIONS, HARDWARE AND FITTINGS, AND METHOD OF ANCHORAGE.

C. PRODUCT DATA: MANUFACTURER'S LITERATURE AND INSTALLATION INSTRUCTIONS

DIVISION 9: FINISHES

- GYPSUM WALLBOARD SYSTEMS (09250) 1. GYPSUM WALLBOARD MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH Recommendations os astm C1396, C754, and C840; and Gypsum association GA-216. A. FIRE-RATED CONSTRUCTION SHALL BE LISTED AND LABELED BY UL, AND CONFORM TO REQUIREMENTS OF GOVERNING CODES AND REGULATIONS. B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR USING COMPATIBLE PRODUCTS FOR
- COMPLETE CONSTRUCTION ASSEMBLY. 2. MATERIALS SHALL BE BY UNITED STATE GYPSUM, OR APPROVED EQUAL. COORDINATE
- WITH BUILDING STANDARD MATERIALS. WOOD STUDS SHALL BE AS NOTED ON PLANS AND ON WALL TYPES SHEET ACCORDING TO PAINTING (09900) З. THE WALL TYPE SPECS.
- 4. GYPSUM WALLBOARD SHALL BE 5/8" THICK, FIRE-RATED WHERE REQUIRED, AND APPLIED VERTICALLY WITH SCREW FASTENERS, IN GENERAL, PROVIDE TAPING AND FINISH SPACKLING WITH COMPATIBLE MATERIAL. PARTITIONS SHALL BE BRACED OR SECURED SUFFICIENTLY FROM DEFLECTION OF 1/8" PER 10"-0" LENGTH IN ANY DIRECTION. PROVIDE TEMPORARY BRACING OF PARTITIONING WORK WHERE REQUIRED TO DIMINISH DEFLECTION PROBLEMS
- JOINTS GREATER THAN 1/8" AT CEILINGS SHALL BE REJECTED. PROVIDE CAULKING AT 5 CEILING FOR PARTITIONS THAT TERMINATE AT THE CEILING. ALL CASING BEADING SHALL BE U.S.G. 200A OR APPROVED EQUIVALENT. FOR ALL OTHER APPLICATIONS OF DRYWALL CONSTRUCTION, JOINTS GREATER THAN 1/4" SHALL BE REJECTED. STUD DESIGNER TO ENGINEER STUD BRACING AS REQUIRED FOR TALL STUD WALL ASSEMBLIES OVER 10'-0" AFF
- 6. SOUND INSULATED AND FIRE-RATED PARTITIONING SHALL BE CAULKED AT PERIMETER WITH ACOUSTICAL OR FIRE-RATED SEALANT AS APPLICABLE. PLACE SEALANT BETWEEN GYPSUM BOARD AND ADJACENT SUBSTRATE. PROVIDE WITH BUILDING STANDARD SOUND-ATTENUATING INSULATION SECURELY FASTENED TO STUD FRAMING. AT THESE
- PARTITIONS, BACK-TO-BACK ELECTRICAL JUNCTION BOXES ARE NOT PERMITTED. ALL DRYWALL PARTITIONING SHALL BE PLUMB, LEVEL, TRUE AND STRAIGHT, PROPERLY BRACED AND RIGID. SURFACES SHALL BE SMOOTH, UNTEXTURED, AND FREE FROM FLAWS AND DEFECTS IN A READY TO PAINT CONDITION. ALL TAPING AND FINISH SPACKLING SHALL BE PREPARED SO THAT LOCATION OF JOINTS AND BLEMISHES CAN NOT BE DETECTED AFTER WALL HAS BEEN PAINTED.
- A. FILL IN VOIDS BETWEEN FLUTES AND ACOUSTICAL PARTITIONS, AT BOTTOM OF METAL DECKING WHERE APPLICABLE. B. AT FIRE-RATED PARTITIONS SEAL PENETRATIONS AND VOIDS BETWEEN METAL DECKING
- WITH FIREPROOFING MATERIALS TO MATCH EXISTING. NEW SOFFITS AND FASCIAS SHALL BE CONSTRUCTED OF WOOD STUD FRAMING AND GYPSUM WALLBOARD CONSTRUCTION, PROPERLY ATTACHED AND BRACED. ALL SOFFITS AND FASCIAS SHALL EXTEND THROUGH HUNG CEILING AND FRAMING SHALL BE BRACED AND SECURELY ANCHORED TO THE STRUCTURE ABOVE: GYPSUM WALLBOARD SHALL EXTEND 3" MIN. ABOVE FINISHED CEILING. SOFFIT AND FASCIA CONSTRUCTION SHALL BE EXECUTED TO PROVIDE LEVEL PLANES AND SMOOTH TRANSITION WITH PARTITIONING MAXIMUM PERMITTED DEFLECTIONS OR BOW SHALL BE 1/8" PER 10'-0" LENGTH. CEILING ASSEMBLY SHALL BE CONSTRUCTED TO PROVIDE THE REQUIRED FIRE-RATING TO CONFORM TO LOCAL BUILDING CODE.
- 9. BUTTER EXTERIOR WALLS OF ALL WALL BOXES WITH USG ACOUSTICAL SEALANT OR EQUAL.

CERAMIC TILE (09310)

- 1. INSTALL WALL TILES IN ACCORDANCE WITH "TILE COUNCIL OF AMERICA HANDBOOK" RECOMMENDATIONS FOR INTERIOR WALLS ONE COAT METHOD NO. W222-91. PROVIDE CERAMIC TILE OF COLOR, TYPE, AND PATTERN AS INDICATED ON FINISH PLAN. 2.
- MATCH BASE BUILDING. З. PROVIDE FACTORY-MADE CORNER SHAPES AND OTHER SHAPES AS SHOWN ON THE
- DRAWINGS AND AS REQUIRED FOR COMPLETE AND FINISHED INSTALLATION. MINIMIZE NUMBER OF CUT TILES BY PROVIDING LINES AND LEVELS TO CONTROL INSTALLATION.
- 4. AT FLOOR DRAINS, INSTALL NOMINAL 3/8" DIAMETER CRUSHED GRANITE AROUND LOWER FLOOR DRAIN FLANGE, PER TCA HANDBOOK.
- 5. FIRMLY EMBED UNITS IN SETTING MATERIAL WITH FINISHED SURFACES BROUGHT TO TRUE PLANES AND PROPERLY SLOPED TO DRAINS. SET TILES WITH UNIFORM JOINT WIDTH, AND PLUMB LEVEL; ALIGN JOINTS VERTICALLY AND HORIZONTALLY, AND ALIGN WITH JOINTS OF WALLCOVERING (09950) ABUTTING WALLS. SET TILES TO FORM FLUSH PLANE WITH NO TWO CONTIGUOUS TILES OUT OF FLUSH BY MORE THAN 1/64". MAINTAIN PROPER COURSING ON ALL SURFACES.

ACOUSTICAL CEILINGS (09500)

- 1. CONTRACTOR SHALL PROVIDE A NEW HUNG INTERMEDIATE DUTY ACOUSTICAL TILE CEILING WITH A NEW SUSPENSION SYSTEM AND RELATED APPURTENANCES WHERE SHOWN ON DRAWINGS. CEILING TILES SHALL FIT TIGHT TO SUSPENSION SYSTEM.
- 2. SITE CONDITIONS: A. DO NOT INSTALL ACOUSTICAL CEILINGS UNTIL BUILDING IS ENCLOSED, SUFFICIENT HEAT IS PROVIDED, DUST GENERATING ACTIVITIES HAVE TERMINATED AND OVERHEAD MECHANICAL AND ELECTRICAL WORK IS COMPLETED, TEST AND APPROVED. B. PERMIT WET WORK TO DRY PRIOR TO COMMENCEMENT OF INSTALLATION.
- C. MAINTAIN UNIFORM TEMPERATURES OF MINIMUM 61 DEGREES F AND HUMIDITY OF 20 PERCENT PRIOR TO, DURING AND AFTER INSTALLATION.
- 3. SUSPENSION SYSTEMS: A. EXPOSED GRID SYSTEM SHALL BE AS INDICATED ON REFLECTED CEILING PLAN TO ACCOMMODATE SPECIFIED ACOUSTICAL PANELS, HVAC PENETRATIONS AND LIGHTING FIXTURES.
 - B. CLASSIFICATIONS: CEILING SUSPENSION SYSTEM SHALL COMPLY WITH ASTM 635 INTERMEDIATE DUTY REQUIREMENTS C. PERIMETER MOULDINGS: PROVIDE MOULDINGS WITH MATERIAL AND FINISH TO MATCH
 - THE EXPOSED SUSPENSION COMPONENTS, IN SIZES AND PROFILES SHOWN. D. FINISH: ALL EXPOSED PORTIONS OF GRID, LOW-GLOSS, WHITE BAKED ENAMEL TO MATCH ACOUSTICAL PANELS.
- E. ACCESSORIES: AS REQUIRED TO COMPLETE AND COMPLEMENT THE SYSTEM AND INSTALLATION OF LIGHTING AND HVAC. 4. ACOUSTICAL TILES SHALL BE AS SPECIFIED ON THE REFLECTED CEILING PLAN.

- 5. INSTALLATION:
 - A. INSTALL ACOUSTICAL CEILING SYSTEM IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND ASTM C636, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED.
 - B. FINISHED CEILINGS SHALL BE TRUE TO LINES AND LEVELS AND FREE FROM WARPED, SOILED OR DAMAGED GRID OR ACOUSTICAL UNITS.
 - C. INSTALL CEILING SYSTEMS IN A MANNER CAPABLE OF SUPPORTING ALL SUPERIMPOSED LOADS, WITH MAXIMUM PERMISSIBLE DEFLECTION OF L/360 OF SPAN AND MAXIMUM SURFACE DEVIATION OF 1/8" IN 12 FEET.
 - D. INSTALL AFTER MAJOR ABOVE-CEILING WORK IS COMPLETE, COORDINATE THE LOCATION OF HANGERS WITH OTHER WORK. ENSURE HANGERS AND CARRYING CHANNELS ARE LOCATED TO ACCOMMODATE FITTINGS AND UNITS OF EQUIPMENT WHICH ARE TO BE
 - PLACED AFTER THE INSTALLATION OF CEILING GRID. E. WHERE DUCTS OR OTHER EQUIPMENT PREVENT THE REGULAR SPACING OF HANGERS,
 - REINFORCE THE NEAREST ADJACENT HANGERS AND RELATED CARRYING CHANNELS AS REQUIRED TO SPAN THE REQUIRED DISTANCE.
 - F. PROVIDE ADDITIONAL HANGERS AND INSERTS AS REQUIRED BY CODE FOR CEILING INSTALLATION. G. HANG INDEPENDENTLY OF WALLS, COLUMNS, DUCTS, PIPES AND CONDUIT. WHERE
 - CARRYING MEMBERS ARE SPLICED, AVOID VISIBLE DISPLACEMENT OF THE LONGITUDINAL AXIS OR FACE PLANE OF ADJACENT MEMBERS.
 - H. DO NOT SUPPORT LIGHTING FIXTURES FROM OR ON MAIN RUNNERS OR CROSS RUNNERS IF WEIGHT OF THE FIXTURE CAUSES THE TOTAL DEAD LOAD TO EXCEED THE REFLECTION CAPABILITY OF 1/360 OF ITS SPAN. IN SUCH CASES, SUPPORT FIXTURE LOADS BY SUPPLEMENTARY HANGERS LOCATED WITHIN 6 INCHES OF EACH CORNER, OR SUPPORT THE FIXTURES INDEPENDENTLY
- I. DO NOT INSTALL FIXTURES SO THAT THE MAIN RUNNERS AND CROSS RUNNERS WILL BE ECCENTRICALLY LOADED. WHERE FIXTURE INSTALLATION WOULD PRODUCE ROTATION OF RUNNERS, PROVIDE STABILIZER BARS.
- J. INSTALL EDGE MOLDING AT INTERSECTION OF CEILING AND VERTICAL SURFACES, USING MAXIMUM LENGTHS, STRAIGHT, TRUE TO LINE AND LEVEL. MITER CORNERS, PROVIDE EDGE MOLDINGS AT JUNCTIONS WITH OTHER CEILING FINISHES.
- INSTALL UNITS LEVEL, IN UNIFORM PLAN AND FREE FROM TWIST, WARP Κ. AND DENTS.
- ADJUST ANY SAGS OR TWISTS WHICH DEVELOP IN THE CEILING SYSTEMS AND REPLACE ANY PART WHICH IS DAMAGED OR FAULTY.

DIVISION 9: FINISHES (con't)

RESILIENT FLOORING AND BASE (09650)

- RESILIENT BASE: 1. PROVIDE RESILIENT BASE WITH MANUFACTURER, HEIGHT AND COLOR AS INDICATED ON FINISH PLAN.
- PROPERLY PREPARE SURFACES FOR INSTALLATION AS PER MANUFACTURER'S LATEST PRINTED INSTRUCTIONS.
- REFER TO FINISH SCHEDULE FOR RESILIENT BASE TYPES, HEIGHT AND COLOR. 4. CLEAN ALL BASE PRIOR TO OWNER OCCUPANCY.

- 1. APPLICATOR SHALL INSPECT ALL SURFACES SCHEDULED TO RECEIVE NEW FINISH. TAPE JOINTS AND INDENTATIONS SHALL NOT "TELESCOPE" OR READ THROUGH THE PAINT FINISH AND WALLCOVERING. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- WORK SHALL BE 3-COAT QUALITY, USING COMPATIBLE PRIMERS AND PREPARATION ON SUBSTRATES AS RECOMMENDED BY FINISH COAT MANUFACTURERS. ALL PAINTING MATERIALS SHALL BE USED ONLY IN STRICT CONFORMANCE WITH THE MANUFACTURER'S LATEST PRINTED SPECIFICATIONS AND INSTRUCTIONS.
- PAINT SHALL BE APPLIED BY SKILLED TRADESMEN AND SHALL BE FREE OF ALL RUNS, BRUSH MARKS, SAGS, HOLIDAYS AND OTHER DEFECTS. ARCHITECT WILL REJECT SUCH DEFECTS.
- EDGES ADJOINING OTHER MATERIALS OR COLORS SHALL BE SHARP AND CLEAN, WITHOUT 4. OVERLAPPING.
- BEFORE PAINTING WORK IS TO BEGIN, ARRANGEMENTS SHALL BE MADE FOR PROPER 5. VENTILATION
- 6. PROPER PRECAUTIONS SHALL BE TAKEN TO PROTECT ALL AREAS FROM PAINT DRIPS, SPLASHES, OVERSPRAY, ETC. ALL GLAZING SHALL BE MASKED ON BOTH SIDES. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND REMOVING OF SAME.
- 7. PAINT COLORS SHALL MATCH ADJACENT AREAS AND SHALL COMPLETELY HIDE AND COVER THE SUBSTRATE. PAINT MANUFACTURER AND COLOR AS INDICATED ON FINISH PLAN. PAINT FINISH SHEEN SHALL BE PER FINISH SCHEDULE AND IN LATEX BASE (LOW VOC), FOR DRYWALL SURFACES, AND WATER BASED ALKYD ENAMEL IN SHEEN PER FINISH SCHEDULE (LOW VOC) FOR DOORS, DOOR FRAMES, METAL SHELVING AND THE LIKE SURFACES.
- 8. PROVIDE A SAMPLE, MINIMUM 8-1/2" X 11" IN SIZE, OF EACH PAINT TYPE AND A 10' X 10' SAMPLE AT SITE ON DRYWALL FOR ARCHITECT'S REVIEW PRIOR TO THE COMMENCEMENT
- OF WORK BEFORE PAINTING WORK IS TO BEGIN, THE FOLLOWING ENVIRONMENTAL CONDITIONS 9. SHALL BE PROVIDED.
- A. MAINTAIN INTERIOR OF BUILDING SPACE WITH TEMPERATURE OF 60 F MINIMUM AND 85 F MAXIMUM AND A RELATIVE HUMIDITY OF LESS THAN 70% FOR THREE (3) DAYS PRIOR TO START OF PAINTING WORK, DURING THE PAINTING PROCESS AND AFTER PAINTING WORK HAS BEEN APPLIED.
- B. LIGHTING IN ALL SPACES SHALL BE FULL FINAL ILLUMINATION LEVEL. CONTRACTOR SHALL PROVIDE TEMPORARY LIGHTING WHERE REQUIRED.
- 10. WHERE ELECTROSTATIC PAINTS ARE SPECIFIED, CONTRACTOR TO USE THE METHODS AS SPECIFIED BY MANUFACTURER. COLORS AND FINISHES: AS INDICATED ON FINISH PLAN. PROVIDE PAINT FINISH COLOR.
- 12. PROVIDE PAINT SYSTEMS FOR VARIOUS SUBSTRATES AS SCHEDULED ON FINISH PLANS. WORK SHALL BE 3-COAT QUALITY, USING COMPATIBLE PRIMERS ON SUBSTRATES, AS RECOMMENDED BY FINISH COAT MANUFACTURERS. WORK SHALL MATCH EXISTING WHERE APPLICABLE.
 - A. FERROUS METAL (DOOR FRAMES):
 - 1ST COAT: LOW-VOC METAL PRIMER-RUST INHIBITIVE 2ND COAT: LOW-VOC WATER BASED ALKYD ENAMEL (FINISH/SHEEN PER FINISH SCHEDULE)
 - 3RD COAT: LOW-VOC WATER BASED ALKYD ENAMEL (FINISH/SHEEN PER FINISH SCHEDULE) B. GYPSUM WALLBOARD: 1ST COAT: LOW-VOC PVA SEALER (ROLLER APPLIED)
- 2ND COAT: LOW-VOC INTERIOR LATEX (FINISH/SHEEN PER FINISH SCHEDULE)
- 3RD COAT: LOW-VOC INTERIOR LATEX (FINISH/SHEEN PER FINISH SCHEDULE)

- PROVIDE WALLCOVERING AS INDICATED ON FINISH PLANS. PROVIDE ALL PREPARATORY WORK TO INSURE ALL SURFACES ARE SMOOTH AND CLEAN 2 TO RECEIVE NEW FINISH. AT WALL SURFACES, CONTRACTOR SHALL PROVIDE A PRIME COAT OF SEALER OR BASE PRIMER ACCEPTABLE TO THE MATERIAL MANUFACTURER PRIOR
- TO THE INSTALLATION. З INSTALL MATERIAL PER THE LATEST PRINTED MANUFACTURER'S SPECIFICATIONS OR
- INSTRUCTIONS AND FOLLOW THE ESTABLISHED INDUSTRY PRACTICES.
- MATERIAL SHALL BE OF THE SAME DYE LOT FOR EACH COLOR AND/OR TYPE OF PRODUCT 4. SELECTED. USE PANELS IN EXACT ORDER AS CUT FROM ROLLS. USE ROLLS IN CONSECUTIVE ORDER AS NUMBERED BY MANUFACTURER. FILL IN SPACES ABOVE AND BELOW WINDOWS, ABOVE DOORS AND SIMILAR AREAS IN SEQUENCE FROM ROLL.
- MATERIAL SHALL BE STORED HORIZONTALLY OR VERTICALLY AS RECOMMENDED BY THE MANUFACTURER IN A SEALED PROTECTION COVERING ELEVATED OFF THE FLOOR IN A SECURED AREA PROVIDED BY THE CONTRACTOR.
- 6. SEAMS SHALL BE KEPT TO A MINIMUM AND SHALL BE MADE TO BE LEAST VISIBLE. HORIZONTAL SEAMS AND CUTTING AT CORNERS ARE NOT ACCEPTABLE. COORDINATE CONFLICTS WITH ANY SEAMING LOCATIONS WITH TURPENTINE DESIGN PRIOR TO INSTALL.
- TRIM DEEPLY TEXTURED OR MATCHED PATTERNS ON A FLAT WORK TABLE. HANG SMOOTH, NON-MATCH PATTERNS BY APPLYING STRIPS ON THE WALL, OVERLAPPING
- THE EDGES AND DOUBLE CUTTING THROUGH BOTH THICKNESSES. APPLY WALLCOVERING SECURE, SMOOTH, CLEAN, AND WITHOUT WRINKLES, GAPS OR
- OVERLAPS. ELIMINATE AIR POCKETS AND ENSURE FULL BOND TO BAKING SURFACE. 10. REMOVE EXCESS ADHESIVE FROM EACH SEAM BEFORE PROCEEDING TO NEXT. WIPE SEAM CLEAN WITH DRY CLOTH TOWEL.
- 11. WHERE ADHESIVE IS USED, THE ADHESIVE SHALL NOT BLEED THROUGH THE WALLCOVERING MATERIAL OR ALTER THE COLORATION AND TEXTURE OF THE WALLCOVERING MATERIAL. A STRIPPABLE ADHESIVE SHALL BE USED FOR ALL WALLCOVERINGS. ALL FABRIC WALLCOVERING DIRECTLY ADHERED TO A WALL SURFACE
- SHALL BE PAPER-BACKED OR ACRYLIC BACKED PER MANUFACTURER'S INSTRUCTIONS. 12. WALLCOVERING SHALL BE INSTALLED WITH THE SAME ENVIRONMENTAL CONDITIONS AS STATED FOR PAINTING WORK STATED HEREIN.



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STANTONSBURG TOWN HALL

312 S. MAIN ST., STANTONSBURG, NC 27833

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1		50% REVIEW	08.20.24					
2		90% REVIEW	09.19.24					
3		PRICING	11.27.24					
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SPECIFICATIONS

SCALE: NTS

FLOOR PLAN LEGEND



FIXTURE SCHEDULE FOR SPECIFICATIONS.

= = =	EXISTING WALL TO BE DEMOLISHED - REMOVE ALL ASSOCIATED SHEATHING, BRACING, PLUMBING, ELECTRICAL AND DATA. CLEAN AND PATCH FLOOR AND ADJACENT WALLS W/ FINISH TO MATCH EXISTING.		NEW MASONRY WALL - SEE WALL TYPES FOR DETAILED INFORMATION REGARDING WALL CONSTRUCTION & HEIGHTS. SEE STRUCTURAL DRAWINGS FOR FOOTING, REINFORCING & WATER-PROOFING REQUIREMENTS.	▲	REVISION TRIANGLE - INDICATES ELEMENT OR AREA OF BUILDING THAT HAS BEEN REVISED FROM THE ORIGINAL CONTRACT SCOPE.
	EXISTING DOOR TO BE DEMOLISHED (OR REUSED) - REMOVE ASSOCIATED FRAME, BLOCKING, ANCHORS. COORDINATE WITH OWNER ON REUSE/RELOCATION. WRAP/PROTECT DOORS/FRAMES TO BE REUSED. REFURBISH EXISTING HARDWARE AS REQUIRED.	xxx	NEW HIGH-LIFT SECTIONAL OVERHEAD DOOR. SEE DOOR SCHEDULE FOR MORE INFORMATION.	ROOM NAME 100	ROOM NAME & NUMBER
	EXISTING STUD OR MASONRY WALL TO REMAIN.	xxx	NEW COILING STEEL DOOR. SEE DOOR SCHEDULE FOR MORE INFORMATION.	XX-X XX-X	WALL FINISH AND BASE TAG - INDICATES WALL FINISH TO BE APPLIED TO WALL CONSTRUCTION. INDICATES BASE FINISH TO BE APPLIED TO WALL. SEE FINISH PLANS AND FINISH SCHEDULE FOR MORE INFORMATION. UNO, ASSUME WALL FINISH EXTENDS FROM FLOOR TO CEILING. SEE INTERIOR ELEVATIONS.
	EXISTING DOOR AND FRAME TO REMAIN - PROTECT DOORS FROM DAMAGE DURING CONSTRUCTION. PATCH/REPAIR ANY DAMAGE. REFURBISH EXISTING DOOR AND HARDWARE TO LIKE-NEW CONDITION AS NOTED.		EXISTING OR NEW, 1 AND 2 HOUR FIRE RATED PARTITION, FIRE BARRIER, OR FIRE WALL DESIGNATION. SEE LIFE-SAFETY PLANS AND FLOOR PLANS FOR LOCATIONS AND RATINGS. SEE WALL TYPES SHEETS FOR CONSTRUCTION OF NEW RATED PARTITIONS/WALLS.	(<u>xx-xx</u>)	WALL FINISH TAG - INDICATES WALL FINISH TO BE APPLIED TO WALL CONSTRUCTION. SEE FINISH PLANS AND FINISH SCHEDULE FOR MORE INFORMATION. UNO, ASSUME WALL FINISH EXTENDS FROM FLOOR TO CEILING. SEE INTERIOR ELEVATIONS.
	NEW INTERIOR METAL STUD AND GWB WALL - SEE WALL TYPES FOR DETAILED INFORMATION REGARDING WALL CONSTRUCTION AND FRAMING HEIGHTS. GC SHALL RESPONSIBLE FOR SIZING LIGHT GAUGE STEEL STUD THICKNESS PER SPANS REQUIRED. PROVIDE GWB EXPANSION JOINTS EVERY 15' X 15'.	X-HOUR UL-XXX	FIRE PARTITION, FIRE BARRIER, OR FIRE WALL DESIGNATION. TYPICALLY SHOWN AT THE TERMINATION OF A WALL TO INDICATED EXISTING OR REQUIRED FIRE RATING AND EXISTING OR REQUIRED UL DESIGN NUMBER. SEE WALL TYPES SHEET FOR DETAILS.		WALL FINISH TAG - INDICATES WALL FINISH TO BE APPLIED TO WALL CONSTRUCTION. ARROWS INDICATE EXTENT/SCOPE OF APPLICATION. SEE FINISH PLANS AND FINISH SCHEDULE FOR MORE INFORMATION. UNO, ASSUME WALL FINISH EXTENDS FROM FLOOR TO CEILING. SEE INTERIOR ELEVATIONS.
	NEW DOOR/FRAME IN NEW WALL - SEE DOOR SCHEDULE FOR MORE INFORMATION REGARDING DOOR/FRAME/HARDWARE.	x	STRUCTURAL COLUMN LINE - SEE STRUCTURAL DRAWINGS FOR COLUMN LINE DIMENSIONS AND NUMBERING SYSTEM. REPORT ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND STRUCTURAL DIMENSIONING.	- x -	FINISH MATERIAL CHANGE W/ TRANSITION STRIP - INDICATES POINT AT WHICH A MATERIAL TRANSITIONS TO ANOTHER MATERIAL AND REQUIRES A TRANSITION STRIP. SEE FINISH SCHEDULE FOR NOTES REGARDING TRANSITION SPECS.
	NEW OR EXISTING EXTERIOR OR INTERIOR STOREFRONT SYSTEM - SEE FLOOR PLANS, INTERIOR ELEVATIONS, EXTERIOR ELEVATIONS FOR DETAILS. SEE DOOR SCHEDULE FOR INTERIOR FRAME ELEVATIONS/GLAZING SPECS.	ي بوا	Center-Line - Indicates the center of a building element (Mullions/Reveals, light fixture, plumbing fixture, etc.) Indicates Architect's intent for the center-line of an element to be Located/Aligned with a specific dimension or adjacent element.	2	FINISH MATERIAL CHANGE - INDICATES POINT AT WHICH A MATERIAL TRANSITIONS TO ANOTHER MATERIAL BUT DOES NOT REQUIRE A TRANSITION STRIP.
XXX	NEW DOOR AND SIDELITE SYSTEM. SEE DOOR SCHEDULE FOR MORE INFORMATION REGARDING DOOR/FRAME/HARDWARE/GLAZING SPECS.				HEIGHT MARKER - INDICATES HEIGHT OF BUILDING ELEMENT ABOVE FINISH FLOOR ELEVATION (UNO).
XXX	NEW BUTT-GLAZED STOREFRONT OR MODULAR GLASS FRONT SYSTEM WITH FULL-GLASS DOOR. SEE DOOR SCHEDULE FOR DOOR, FRAME, HARDWARE AND GLAZING SPECS.				
				ROOF PL	AN LEGEND
	SINGLE COMPARTMENT STAINLESS STEEL BAR SINK. PROVIDE TOP-MOUNTED SINK WITH RIM FOR PLASTIC LAMINATE COUNTERS. PROVIDE UNDER-MOUNTED SINK FOR SOLID SURFACE/STONE COUNTERS. SEE INTERIOR ELEVATIONS. SEE PLUMBING FIXTURE SCHEDULE.	D FD	SQUARE FLOOR DRAIN. DO NOT PROVIDE ROUND FLOOR DRAINS. PROVIDE SLOTTED, HEEL-PROOF, STAINLESS STEEL COVER PLATES (NO BRASS PERMITTED).	DS	PREFINISHED 6X6 BOX DOWNSPOUT W/ KYNAR 500 FINISH OVER 24 GAUGE GALVANIZED STEEL. PROVIDE DOWNSPOUT BOOT AT GRADE EQUAL TO J.R. HOE & SONS GRAY IRON A-SERIES ANGULAR DOWNSPOUT BOOT.
	SINGLE COMPARTMENT STAINLESS STEEL SINK. PROVIDE TOP-MOUNTED SINK WITH RIM FOR PLASTIC LAMINATE COUNTERS. PROVIDE UNDER-MOUNTED SINK FOR SOLID SURFACE/STONE COUNTERS. SEE INTERIOR ELEVATIONS. SEE PLUMBING FIXTURE SCHEDULE.		Catch Basin W/ Slab Depression. Provide 1/8" per foot slope to drain for extents shown for depression. See plumbing drawings. Provide Heel-Proof Cover grating in Areas of Public USE.	O RL	ROOF LEADER FROM ROOF DRAIN ABOVE (CAST IRON ONLY). SEE PLUMBING DRAWINGS FOR CONTINUATION FROM ROOD DRAIN TO 5' OUTSIDE OF BUILDING. SEE CIVIL DWGS FOR OF ROOF DRAINAGE BELOW GRADE.

Single compartment stainless steel bar sink. Provide Top-Mounted sink with Rim for plastic laminate counters. Provide under-mounted sink for solid surface/stone counters. See interior elevations. See plumbing fixture schedule.	D FD	SQUARE FLOOR DRAIN. DO NOT PROVIDE ROUND FLOOR DRAINS. PROVIDE SLOTTED, HEEL-PROOF, STAINLESS STEEL COVER PLATES (NO BRASS PERMITTED).	DS	PREFINISHED 6X6 BOX DOWNSPOUT W/ KYNAR 500 FINISH OVER 24 GAUGE GALVANIZED STEEL. PROVIDE DOWNSPOUT BOOT AT GRADE EQUAL TO J.R. HOE & SONS GRAY IRON A-SERIES ANGULAR DOWNSPOUT BOOT.
SINGLE COMPARTMENT STAINLESS STEEL SINK. PROVIDE TOP-MOUNTED SINK WITH RIM FOR PLASTIC LAMINATE COUNTERS. PROVIDE UNDER-MOUNTED SINK FOR SOLID SURFACE/STONE COUNTERS. SEE INTERIOR ELEVATIONS. SEE PLUMBING FIXTURE SCHEDULE.		Catch Basin W/ Slab Depression. Provide 1/8" per foot slope to Drain for extents shown for depression. See plumbing drawings. Provide Heel-Proof Cover grating in Areas of Public USE.	Orl	ROOF LEADER FROM ROOF DRAIN ABOVE (CAST IRON ONLY). SEE PLUMBING DRAWINGS FOR CONTINUATION FROM ROOD DRAIN TO 5' OUTSIDE OF BUILDING. SEE CIVIL DWGS FOR OF ROOF DRAINAGE BELOW GRADE.
DOUBLE COMPARTMENT STAINLESS STEEL SINK. PROVIDE TOP-MOUNTED SINK WITH RIM FOR PLASTIC LAMINATE COUNTER <mark>S. PROVIDE UNDER-MOUNTED SINK FOR SOLID SURFACE/STONE COUNTERS. SEE INTERIOR ELEVATIONS. SEE PLUMBING FIXTURE SCHEDULE.</mark>		CATCH BASIN W/ SLAB DEPRESSION. PROVIDE 1/8" PER FOOT SLOPE TO DRAIN FOR EXTENTS SHOWN FOR DEPRESSION. SEE PLUMBING DRAWINGS. PROVIDE HEEL-PROOF COVER GRATING IN AREAS OF PUBLIC USE.	RD OD	PRIMARY & EMERGENCY OVERFLOW ROOF DRAIN COMBO. LOCATED TOP OF EMERGENCY OVERFLOW DRAIN NO MORE THAN 4" ABOVE ADJACENT PRIMARY ROOF DRAIN. SEE PLUMBING DRAWINGS FOR SIZING AND CONTINUATION TO UNDERGROUND STORM SYSTEM.
TRIPLE COMPARTMENT STAINLESS STEEL SINK. PROVIDE TOP-MOUNTED SINK WITH RIM FOR PLASTIC LAMINATE COUNTERS. PROVIDE UNDER-MOUNTED SINK FOR SOLID SURFACE/STONE COUNTERS. SEE INTERIOR ELEVATIONS. SEE PLUMBING FIXTURE SCHEDULE.	ew/s O p	EMERGENCY SHOWER AND EYEWASH STATION COMBO. SEE PLUMBING DRAWINGS FOR SPECIFICATIONS & WHETHER ADJACENT FLOOR DRAIN IS REQUIRED.	RD	PRIMARY ROOF DRAIN W/ CAST IRON COVER. SEE PLUMBING DRAWINGS FOR SIZING AND CONTINUATION TO UNDERGROUND STORM SYSTEM.
WALL-MOUNTED STAINLESS STEEL SERVICE SINK. PROVIDE GOOSENECK FAUCET, ADA PADDLE LEVERS, BUCKET-HANGER FLANGE AND HOSE CONNECTION. SEE PLUMBING FIXTURE SCHEDULE.	нв нз † † ∩	HB - FLUSH-MOUNTED, RECESSED HOSE-BIB WALL-HYDRANT BOX. HYDRANT SHALL BE ENCASED, NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING. STAINLESS STEEL BOX AND & COVER (NO BRASS). HS - SAME AS HB W/ WALL-MTD. STAINLESS STEEL HOSE HANGER.	DS CH	Combination Thru-Wall Scupper, conductor head and downspoi Fabricate Using 24 Gauge Galvanized Steel W/ Kynar 500 Finish. See Wall Sections for Details.
Wall-mounted ada compliant white vitreous china sink. See plumbing fixture schedule.	WH1	WH1 - FLOOR MOUNTED WATER HEATER. SEE PLUMBING DRAWINGS. WH - WALL MOUNTED WATER HEATER ON STEEL PLATFORM. SEE PLUMBING DRAWINGS FOR DETAILS. PROVIDE REQ'D. BRACING/BLOCKING IN WALL.	sc	EMERGENCY OVERFLOW THRU-WALL SCUPPER. FABRICATE USING 24 GAUGE GALVANIZED STEEL W/ KYNAR 500 FINISH. SEE WALL SECTIONS FOR DETAILS.
SQUARE MOP SINK. SATIN STAINLESS STEEL FINISH (UNO). SEE PLUMB. GC TO PROVIDE WHITE FRP PANELS TO 48" TO 5'-0" BEYOND EDGES OF SINK. PROVIDE GOOSENECK FAUCET WITH ADA LEVERS & BUCKET HOOK.			L RL	Painted Steel Roof Access Ladder. GC to field verify heights an Submit Steel Shop drawings for Approval.
SQUARE MOP SINK. SATIN STAINLESS STEEL FINISH (UNO). SEE PLUMB. GC TO PROVIDE WHITE FRP PANELS TO 48" TO 5'-0" BEYOND EDGES OF SINK. PROVIDE GOOSENECK FAUCET WITH ADA LEVERS & BUCKET HOOK.			CRL	Painted Roof Access Ladder with Safety Cage (for use in height in excess of 16' AFF). GC to field verify heights and submit steel shop drawings for approval.
36"X36" ADA COMPLIANT FIBERGLASS SHOWER INSERT. PROVIDE ADA ROLL-OVER THRESHOLD, ADA FOLDING SEAT, ADA GRAB BARS, MIXING VALVE, SHOWER HEAD W/ HOSE, STAINLESS CURTAIN ROD & HOOKS, WHITE VINYL CURTAIN. PROVIDE 36" WIDE SLIMLINE LINEAR DRAIN @ THRESHOLD.				Painted Roof Access Ladder With Return. GC to field verify Heights and Submit Steel Shop Drawings for Approval.
STAINLESS STEEL LINEAR SHOWER DRAIN. PROVIDE HEEL-PROOF SLIM-LINE, SHALLOW LINEAR FLOOR DRAIN W/ S.S. COVER ADJACENT TO THRESHOLD. S.S. STANDARD "SLOTTED" COVER PLATE EQUAL TO INFINITY DRAIN FFAS 2532.			PAL	Painted parapet access ladder (one sided). GC to field verify Heights and submit steel shop drawings for approval.

FD

SLO

СВ	CALL BOX - WALL-MOUNTED 2-WAY AUDIO/VISUAL COMMUNICATION DEVICE ADJACENT TO DOOR FOR SECURE ENTRY. DEVICE AND LOW-VOLTAGE WIRING SHALL BE PROVIDED BY SECURITY VENDOR. GC SHALL PROVIDE RECESSED WALL BOX AND CONDUIT TO LOCATION ABOVE CLG. AS REQ'D. GC TO PROVIDE DOOR HARDWARE ELEC. ROUGH-IN AS REQ'D.
	-
	_
	_
	ACRYLIC DOUBLE WALL DOME SKYLIGHT WITH INTEGRAL ROOF CURB. PROVIDE TRANSLUCENT WHITE FINISH ON INNER DOME.
ST	SOLAR DAYLIGHTING DEVICE W/ PRISMATIC CAPTURE DOME ON INTEGRAL ROOF CURB. FOR OPEN CLG. USE SOLATUBE SOLAMASTER 750DS OPEN CLG. SERIES W/ EXT. TUBES & BOTTOM DIFFUSER (OR EQUAL). FOR CLOSED CLGS. USE 750DS CLOSED CLG. SERIES W/ EXT. TUBES & 2X2 LAY-IN DIFFUSER (OR EQUAL).
RH1	Roof Hatch W/ Integral Curb & Hydraulic Open. Provide Integral Safety Rail System. Pre-Finished Kynar 500 Finish over Galvanized Steel (White, U.N.O.). See Roof Plan For Sizing.
VTR O	PLUMBING OR MECHANICAL VENT THRU ROOF. SEE PLUMBING & MECHANICAL PLANS FOR EXACT LOCATIONS.
EF-X	ROOF MOUNTED EXHAUST FAN ON 12" (MIN.) PREFABRICATED, INSULATED CURB. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION AND CONTROLS.
SF-X	Roof mounted supply fan on 12" (min.) prefabricated, inculated Curb. See Mechanical drawings for exact location and controls.
RTU-X	ROOF MOUNTED HVAC UNIT ON 12" (MIN.) PREFABRICATED, INSULATED CURB. PROVIDE TAPERED RIGID INSULATION BOARD CRICKETS AS REQUIRED FOR DRAINAGE. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION AND CONTROLS.
SLOPE	Arrow Indicates Direction of Downward Roof Slope. Roof Slope Minimum of 1/4" per foot (including all valleys).
GUTTER	PREFINISHED BOX GUTTER W/ KYNAR 500 FINISH OVER 24 GAUGE GALVANIZED STEEL. PROVIDE 1/8" PER FT. MIN. SLOPE TO DOWNSPOUTS. MAX. EXPANSION JOINTS @ 50' O.C PROVIDE GUTTER SUPPORTS, INTERLOCKING GUTTER STRAPS, AND GUTTER FLASHING AS REQ'D. SEE ROOF PLAN FOR GUTTER SIZING AND DRAINAGE CALCULATIONS.
	PRESSURE-SENSITIVE MOLDED WALK-WAY PADS EQUAL TO CARLISLE

SURE-WHITE EPDM PADS (WHITE W/ KNOBBY GRIP TEXTURE).

WALL-MOUNTED FIRE EXTINGUISHER - PROVIDE MOUNTING BRACKET.

SURFACE-MOUNTED FIRE EXTINGUISHER CABINET - COORD. SIZE OF

SEMI-RECESSED FIRE EXTINGUISHER CABINET - COORD. SIZE OF

FULLY-RECESSED FIRE EXTINGUISHER CABINET - COORD. SIZE OF

TYPICAL ANSI DETAILS SHEET FOR MOUNTING HEIGHT.

COORDINATE SIZE OF EXTINGUISHER WITH LOCAL FIRE DEPARTMENT. SEE

EXTINGUISHER/CABINET DEPTH WITH LOCAL FIRE DEPARTMENT. UNLESS AN

EXTINGUISHER/CABINET DEPTH WITH LOCAL FIRE DEPARTMENT. UNLESS AN

EXTINGUISHER/CABINET DEPTH WITH LOCAL FIRE DEPARTMENT. UNLESS AN

EXISTING BUILDING OR TENANT STANDARD EXISTS, THE PROPOSED FINISH

LOCATION. FIRE HOSE CONNECT CABINET - FULLY RECESSED FIRE DEPARTMENT HOSE

Exists, the proposed finish shall be clear anodized alum. W/ clear

GLASS FRONT W/ WHITE LETTERING. PROVIDE MINIMUM 6" MTL STUD WALL

CARD READER - WALL-MOUNTED CARD READER DEVICE ADJACENT TO DOOR

FOR SECURE ENTRY. REFER TO DOOR SCHEDULE FOR MORE INFORMATION.

SHALL BE CLEAR ANODIZED ALUM. W/ CLEAR GLASS FRONT W/ WHITE

LETTERING. PROVIDE MINIMUM 6" MTL STUD WALL FRAMING @ CABINET

DEPARTMENT. UNLESS AN EXISTING BUILDING OR TENANT STANDARD

CONNECT/VALVE CABINET. COORD. SPECIFICATION W/ LOCAL FIRE

EXISTING BUILDING OR TENANT STANDARD EXISTS, THE PROPOSED FINISH

SHALL BE CLEAR ANODIZED ALUM. W/ CLEAR GLASS FRONT W/ WHITE

EXISTING BUILDING OR TENANT STANDARD EXISTS, THE PROPOSED FINISH

SHALL BE CLEAR ANODIZED ALUM W/ CLEAR GLASS FRONT W/ WHITE

FE

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FEC1

FEC2

FEC3

HC1

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CR

LETTERING.

LETTERING.

Framing @ Cabinet Location.



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STANTONSBURG **TOWN HALL**

312 S. MAIN ST., STANTONSBURG, NC 27833

A DESCRIPTION DATE 50% REVIEW 08.20.24 90% REVIEW 09.19.24 2 3 PRICING 11.27.24 4 5 6 7 8 9 10 COPYRIGHT 2024 - ALL RIGHTS RESERVED PRINTED OR ELECTRONIC DRAWINGS & DOCUMENTATION MAY NOT BE REPRODUCED OR REDISTRIBUTED IN ANY WAY WITHOUT WRITTEN PERMISSION FROM TURPENTINE DESIGN 24-019 ARCH PROJECT

SYMBOLS LEGENDS

SCALE: NTS









STANTONSBURG TOWN HALL

312 S. MAIN ST., STANTONSBURG, NC 27833

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1		50% REVIEW	08.20.24			
2		90% REVIEW	09.19.24			
3		PRICING	11.27.24			
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ARCH PROJECT # 24-019						
TYPICAL ANSI DETAILS						

CS6.0

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





DEMOLITION PLAN SCALE: 1/8" = 1'-0"

DEMOLITION KEY NOTES

	REMOVE PORTION OF EXTERIOR WALL IN PREPARATION FOR NEW WINDOW.	
2	REMOVE MILLWORK COMPLETELY. PATCH FLOORING AS REQUIRED, TYP.	
3	REMOVE PORTION EXISTING SUB FLOORING IN PREPARATION FOR NEW FIRE TREATED SUB FLOORING.	13
	DAMAGED WINDOW TRIM TO BE REPAIRED/REPAINTED AS NEEDED, TYP.	
5	POWER WASH EXTERIOR, TYP.	15
6	REMOVE PLUMBING FIXTURES COMPLETE. CAP PIPING AT FLOOR, TYP.	16
	REMOVE EXISTING GUARDRAILS AND HANDRAILS COMPLETE, IN PREPARATION FOR NEW.	17
8	REUSE AND RELOCATE FIRE EXTINGUISHER(S) AS REQUIRED BY FIRE MARSHALL. REFER TO CS2.1.	18
9	REMOVE EXISTING SHUTTERS COMPLETELY. PATCH AS REQUIRED, TYP.	19
10		20

GENERAL DEMOLITION NOTES

1	GC SHALL GET FAMILIARIZED WITH THE PREMISES AS WELL AS THE CONTRACT DRAWINGS AND SHALL REPORT ANY UNKNOWN CONDITIONS IN THE FIELD TO THE ARCHITECT IMMEDIATELY UPON DISCOVERY.
2	COORDINATE ALL DEMOLITION WITH BUILDING OWNER AND TENANT PRIOR TO START OF WORK.
3	G.C. SHALL ATTEMPT TO REUSE ALL EXISTING DOORS, FRAMES AND HARDWARE IN NEW LOCATIONS WHERE POSSIBLE. PATCH/REPAIR DOORS AS NECESSARY FOR REUSE.
4	G.C. SHALL PERFORM ALL DEMOLITION CAUSING EXTREME LEVELS OF NOISE AND VIBRATIONS BEFORE OR AFTER NORMAL BUSINESS HOURS OR AS ADVISED BY OWNER.
5	COORDINATE ALL UTILITY OUTAGES WITH BUILDING OWNER AND TENANT ONE WEEK IN ADVANCE.
6	ALL EXISTING CONSTRUCTION MATERIALS, FIXTURES, EQUIPMENT, ETC. ARE PROPERTY OF BUILDING OWNER - COORDINATE REMOVAL OR DISPOSAL OF ALL SUCH MATERIALS WITH OWNER PRIOR TO START OF DEMOLITION.
7	REMOVE ALL MATERIALS TO BE SALVAGED BY OWNER IN A MANNER SO AS TO NOT DAMAGE OR RENDER USELESS.
8	G.C. SHALL MAINTAIN ALL REQUIRED EXIT EGRESS PATHWAYS AND EXITS FOR TENANT SPACE AND ADJACENT TENANTS.
9	THE G.C. SHALL MAINTAIN INTEGRITY OF ALL EXISTING RATED WALLS AND FLOORS.
10	G.C. SHALL LOCATE DUMPSTERS PER OWNER DIRECTION SO AS TO NOT DISRUPT TRAFFIC OR ADJACENT PROPERTIES.



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STANTONSBURG TOWN HALL

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		#
		1
	G.C. SHALL PROTECT EXISTING HVAC SYSTEM FROM DUST INFILTRATION.	2
12	COORDINATE DEMOLITION OR REUSE OF ALL HVAC, PLUMBING AND ELECTRICAL WITH	3
<u>'</u>	MEP DRAWINGS AND DEMOLITION NOTES.	4
13	U.N.O., DASHED LINES ON DEMO PLAN INDICATE BUILDING ELEMENTS TO BE REMOVED	5
	AND/OR RELOCATED. SEE NEW FLOOR PLAN FOR COORDINATION.	6
14	-	7
		°
15	-	10
16	-	COPYE
		REDIS
17	-	ARC
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ARC	CH P	ROJECT #	24-019
DEMOLITION FLOOR PLAN			
SCALE: 1/8" = 1'-0"			

AD1.1

LOOSE ANGLE LINTEL SCHEDULE			
OPENING DIMENSION	ANGLE SIZE	ORIENTATION	
0' - 0" THRU 4' - 0"	L 3 x 3 x ⁵ / ₁₆	N / A	
4'-1" THRU 6'-0"	L 4 x 4 x ³ / ₈	N / A	
6'-1" THRU 8'-0"	L 6 x 4 x 5	LLV	
8'-1" THRU 10'-0"	L 6 x 4 x 3	LLV	
10'-1" THRU 12'-0"	L 7 x 4 x ³ / ₈	LLV	

<u>NOTES</u>:

1. PROVIDE LOOSE ANGLE LINTELS FOR ALL MASONRY VENEER OPENINGS PER ABOVE DATA UNLESS NOTED OTHERWISE.

- 2. PROVIDE ONE (1) ANGLE PER 4" THICKNESS OF MASONRY WALL.
- PROVIDE 8" MINIMUM BEARING EACH END FOR ALL LINTELS UNLESS NOTED OTHERWISE.
 COORDINATE HORIZONTAL LEG SIZE WITH ARCHITECTURAL DRAWINGS SIZES MAY NEED TO BE CHANCED TO ACCOMODATE AIR SPACE INSULATION. AND MAS ON PX





WALL SECTION

SCALE: 1/2" = 1'-0"

CONSTRUCTION KEY NOTES

	REPAIR EXISTING ROOF AND WATER INFILTRATION AREA AS REQUIRED.	11
2	NEW GUARDRAILS AND HANDRAILS AS REQUIRED.	(12)
З	NEW WINDOW TO MATCH ADJACENT CONSTRUCTION.	13
4	DASHED LINE INDICATES LIMITS OF NEW FIRE TREATED SUB FLOORING.	14
5	PREP EXISTING VCT FOR NEW EVERLAST EPOXY TO BE POURED OVER EXISTING CONDITIONS. ANY LOOSE TILES AND ADHESIVE MUST BE REMOVED AND AREAS PATCHED WITH UNDERLAYMENT PRIOR TO INSTALL. SHEET FLOORING AND ADHESIVE MUST BE COMPLETELY REMOVED PRIOR TO INSTALL.	(15)
6	speaking podium drops down to ada height. Refer to A8.0 dwgs.	(16)
7	G.C. TO PROVIDE BLOCKING, DATA, AND POWER AS REQUIRED FOR NEW TV. COORDINATE TV SIZES WITH TENANT.	17
8	Provide New Floor Box Flush with Floor Finish. Refer to elec. DWGS.	18
9	G.C. TO PROVIDE BLOCKING FOR NEW LOGO. COORDINATE WITH TENANT VENDOR,	(19)
10	RAISED DIAS AND RAMP. REFER TO DETAILS.	20

GC TO APPLY INTUMESCENT FIRE RESISTANT WATER BASED PAINT TO CRAWLSPACE STRUCTURE 24" ON BOTH SIDES OF 2-HOUR FIRE BARRIER TO MAINTAIN FIRE RATING AT COUNCIL ROOM.



1

CONSTRUCTION PLAN



GENERAL CONSTRUCTION NOTES

- UNO, ALL WALLS WITH SOLID HATCHING ARE NEW. EXISTING WALLS HAVE NO HATCH. 90 DEGREE SWING DOORS ARE NEW OR RELOCATED EXISTING DOORS. 45 DEGREE SWINGS INDICATE EXISTING DOORS.
- 2 GC SHALL COMPLETELY CLEAN ENTIRE LEASED PREMISES IMMEDIATELY PRIOR TO OCCUPANCY.
- GC SHALL FAMILIARIZE THEMSELF WITH THE PREMISES AND THE CONTRACT DRAWINGS 3 AND SHALL REPORT ANY DISCREPANCIES IN THE FIELD TO THE ARCHITECT IMMEDIATELY UPON DISCOVERY.
- GC SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL NOTIFY ARCH. OF ANY CONFLICTS BETWEEN THE CONTRACT DOCUMENTS AND THE EXISTING CONDITIONS. GC AND SUBS SHALL NOT SCALE DRAWINGS.
- GC SHALL COORDINATE WITH THE BUILDING OWNER OR MGMT. ON ALL MATERIAL DELIVERY AND UNLOADING, DOOR ACCESS, AND ANY DISRUPTIONS IN THE NORMAL UTILITIES.
- GC SHALL NOTIFY ARCH. OF ANY REQUIRED MATERIALS THAT ARE NOT READILY6AVAILABLE AND THAT MAY DELAY COMPLETION. THIS NOTIFICATION SHALL HAPPEN
WITHIN 48 HRS. OF RELEASE.
- PAINTING SUBCONTRACTOR SHALL PROVIDE LOW-VOC PRIMERS AND FINISH-COAT MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH THE SUBSTRATES INDICATED.
- GC SHALL INSTALL AND MAINTAIN REQ'D. PROTECTIVE COVERINGS, TEMPORARY DOORS AND WALLS, DUST BARRIERS, FLOOR PROTECTION, ETC. GC SHALL KEEP ALL COMMON AREAS FREE OF DUST AND DEBRIS.
- GC SHALL MAINTAIN ALL LIFE SAFETY SYSTEMS IN GOOD WORKING ORDER 9 THROUGHOUT THE DURATION OF THE PROJECT, INCLUDING EXIT LIGHTING, SPRINKLER SYSTEMS, SMOKE DETECTION, AND EMERGENCY LIGHTING.
- GC SHALL PERFORM ALL WORK THAT CAUSES DISTURBANCES TO THE TENANT AFTER NORMAL BUSINESS HOURS - OR SHALL COORDINATE W/ OWNER W/IN 48 HRS OF SUCH WORK.



BASIS OF DESIGN FOR EXTERIOR WINDOWS: MARVIN: ULTIMATE SERIES ALUMINUM CLAD WOOD WINDOWS SINGLE HUNG & FIXED UNITS WITH 'ONE-LITE' LOW E2 ARGON FILLED INSULATING GLAZING, OR APPROVED EQUAL **MATCH EXISTING CONDITION DIMENSIONS**

WALL LEGEND				
A	2X4 Wood Studs $@$ 16" O.C. With $\frac{5}{8}$ " GWB Each side with batt insulation to underside of Ceiling.			
B	2X6 WOOD STUDS \textcircled{O} 16" O.C. WITH $\frac{5}{8}$ " GWB EACH SIDE WITH BATT INSULATION TO UNDERSIDE OF CEILING.			
	2-HR FIRE BARRIER WALL TO DECK (GC TO MARK WALL RATING W/ STENCIL EVERY 30') 2X4 WOOD STUDS @ 16" OC.C. WITH 2 LAYERS OF GWB EACH SIDE PER UL301			
D	2X4 WOOD STUDS @ 16" O.C. W/ 1 LAYER GWB EACH SIDE @ 36" AFF. FINISH WITH WOOD PER FINISH PLAN.			
E	2X4 wood studs @ 16" o.C. Refer to elevations for heights & finishes.			
	2X4 WOOD STUDS @ 16" O.C. WITH 2 LAYERS GWB EACH SIDE WITH BATT INSULATION TO UNDERSIDE OF CEILING.			
CR	NEW CARD READER TO BE INSTALLED (GC TO PROVIDE & INSTALL DOOR HARDWARE AS NEEDED, OWNER TO PROVIDE & INSTALL CARD READER)			



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11	UNO, ON DRAWINGS, THERE SHALL BE NO SUBSTITUTIONS OF MATERIALS MADE WITHOUT WRITTEN PERMISSION FROM OWNER AND ARCHITECT.
12	UNO, ALL SURFACES TO BE PATCHED OR HOLES TO BE FILLED SHALL MATCH THE ADJACENT CONSTRUCTION AND FINISHES.
13	PROVIDE FIRE-RETARDANT WOOD BLOCKING AT ALL LOCATIONS OF NEW MILLWORK, TOILET ACCESSORIES, TV MOUNTING, ETC.
14	GC TO PROVIDE BLOCKING TO WALLS WHERE ALL WALL HUNG MIRRORS ARE TO BE INSTALLED.
15	_
16	_
17	_
18	_
19	_

20



SCALE: 1/8" = 1'-0"

DEMO REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0"

DEMOLITION RCP KEY NOTES

\sim	SCRAPE AND REMOVE EXISTING "POPCORN" CEILINGS THROUGHOUT BUILDING. GC TO VERIFY "POPCORN" LOCATIONS PRIOR TO BEGINNING WORK. PATCH AND REPAIR AS REQUIRED. PREPARE CEILING FOR NEW PAINT. (TYPICAL)
2	REMOVE AND SALVAGE EXISTING LED RECESSED CANS FOR POSSIBLE RELOCATION. KEEP IN SAME ROOM, IF POSSIBLE.
	REPLACE ALL EXTERIOR BUILDING MOUNTED LIGHTING 1 FOR 1. SEE ELEC. DWGS.
$\langle 4 \rangle$	EXISTING ATTIC ACCESS TO REMAIN.
5	REMOVE EXISTING SURFACE MOUNTED FIXTURE. PATCH AND REPAIR AS REQUIRED.
6	_
$\sqrt{1}$	_
8	_
6	_
\diamond	_





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NEW REFLECTED CEILING PLAN SCALE: 1/8" = 1'-0"

RCP KEY NOTES





RCP SYMBOLS LEGEND

EILING, SOFFIT OR BULKHEAD. PAINT AS ULED PER FINISH PLAN.	ठ ₩2
OF BOTTOM OF CEILING PLANE ABOVE FINISH ELEVATION.	ы М М
RFACE MOUNTED LED LIGHT FIXTURE WITH /INDIRECT DISTRIBUTION. SEE ELEC. DWGS.	Ю 4
ATED ROUND RECESSED LED DOWNLIGHT. EC. DWGS.	P1
ound recessed led downlight. See	-
DWGS.	RW1
OUND RECESSED FIRE RETARDANT LED LIGHT. SEE ELEC. DWGS.	ÚC1
ce mounted led light fixture. See DWGS.	5
ce mounted led light fixture. See DWGS.	
surface mounted led light fixture. EC. DWGS.	





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	GENERAL RCP NOTES
1	THE ARCHITECTURAL CEILING PLANS SHALL GOVERN ALL LOCATIONS OF LIGHT FIXTURES, MECHANICAL DIFFUSERS AND CLG. GRID LAYOUTS.
2	UNO, ALL CEILING FIXTURES INCLUDING FIRE ALARM HORNS, STROBES, ENUNCIATORS, SPRINKLER HEADS ETC. SHALL BE WHITE IN COLOR AND CEILING MOUNTED AS CODE ALLOWS. IF BUILDING STANDARD EXISTS WHICH CONFLICTS WITH THIS CONDITION, COORDINATE FINISH WITH ARCHITECT.
3	SEE ELEC. DWGS. FOR EXACT LIGHTING SPECS. ARCHITECT TO APPROVE FIXTURE SPECS PRIOR TO GC ORDER. DESCRIPTIONS OF FIXTURES ON THIS DRAWING ARE FOR REFERENCE ONLY.
4	UNO, ON DRAWINGS, REMOVE ALL UNUSED CABLE, CONDUIT, DUCTWORK, HANGER WIRES, CLAMPS, PIPING, ETC.
5	SEE ELECTRICAL DRAWINGS FOR INFORMATION REGARDING LOCATIONS OF EMERGENCY LIGHTING, FIRE ALARM DEVICES, OCCUPANCY SENSORS, AND OTHER CEILING DEVICES NOT SHOWN.
6	UNO, CENTER ALL FIXTURES AND DEVICES IN CEILING TILES, SOFFITS, OR PORTALS. NOTIFY ARCHITECT OF CONFLICTS. COORDINATE FINISH OF DIFFUSERS LOCATED IN SPECIALTY CEILINGS WITH ARCHITECT.
7	UNO, ALL GYPSUM WALL BOARD CEILINGS SHALL MATCH EXISTING CEILING HEIGHTS AFF. GC TO VERIFY HEIGHT IS ACHIEVABLE IN FIELD AND NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS.
8	
9	
10	



FINISH KEY NOTES

CEILING TO BE PAINTED (P-3).	11
PREP WALL FOR POLICE DEPARTMENT SEAL TO BE INSTALLED CENTER OF WALL.	(12)
CROWN MOLDING TO BE INSTALLED. COLOR VARIES. MATCH WOODBASE CALLED OUT ON DWGS.	(13)
PREP WALL FOR PLASTIC LAMINATE INSTALLATION.	(14)
PREP WALL FOR WALLCOVERING INSTALLATION.	(15)
PREP WALL FOR TOWN HALL SEAL TO BE INSTALLED ABOVE WS-1 IN THE CENTER OF WALL.	(16)
PREP WALL FOR TOWN HALL SEAL AND IN GOD WE TRUST TO BE INSTALLED CENTER OF WALL.	17
Existing interior window trim to be painted (P-2).	(18)
EXISTING INTERIOR WINDOW TRIM TO BE STAINED. GC TO COLOR MATCH PLASTIC LAMINATE SAMPLE DESIGNER PROVIDES.	(19)
-	20
	CEILING TO BE PAINTED (P-3). PREP WALL FOR POLICE DEPARTMENT SEAL TO BE INSTALLED CENTER OF WALL. CROWN MOLDING TO BE INSTALLED. COLOR VARIES. MATCH WOODBASE CALLED OUT ON DWGS. PREP WALL FOR PLASTIC LAMINATE INSTALLATION. PREP WALL FOR VALLCOVERING INSTALLATION. PREP WALL FOR TOWN HALL SEAL TO BE INSTALLED ABOVE WS-1 IN THE CENTER OF WALL. PREP WALL FOR TOWN HALL SEAL AND IN GOD WE TRUST TO BE INSTALLED CENTER OF WALL. EXISTING INTERIOR WINDOW TRIM TO BE PAINTED (P-2). EXISTING INTERIOR WINDOW TRIM TO BE STAINED. GC TO COLOR MATCH PLASTIC LAMINATE SAMPLE DESIGNER PROVIDES

**NOTE ABOUT GROUT TYPE: TYPICALLY, FLOOR TILE SHALL RECEIVE SANDED GROUT; WALL TILE SHALL RECEIVE NON-SANDED GROUT UNLESS JOINT WIDTH IS GREATER THAN 1/8".

	FINISH SCHEDULE		
	CARPET AND RUG SPECIFICATIONS		SOLID SUR
C-1	MANUF.: PATCRAFT, TYPE: BROADLOOM, COLLECTION: AMPLIFIED NATURE, STYLE: SCULPTED 10643, COLOR: ALPINE, SIZE: 18"X36", INSTALLATION METHOD: BRICK, FLAMMABILITY RATING: ASTM E648 (CLASS 1), CONTACT: MARIA KEBSCHULL, (E: MARIA.KEBSCHULL@PATCRAFT.COM, P: 919.920.8631).	SS-1	MANUF.: CAES ULTRA ROUG SHOWROOM A 828,238,7041)
C-2	MANUF.: PATCRAFT, TYPE: CARPET TILE, COLLECTION: AMPLIFIED NATURE, STYLE: ESSENCE 10641, COLOR: ALPINE, SIZE: 18"X36", INSTALLATION METHOD: BRICK, FLAMMABILITY RATING: ASTM E648 (CLASS 1), CONTACT: MARIA KEBSCHULL, (E: MARIA.KEBSCHULL@PATCRAFT.COM, P: 919 920 8631)	SS-2	MANUF.: COSI 1.2CM, CONTA
	MANUF.: PATCRAFT, TYPE: CARPET TILE, COLLECTION: FORAGE, STYLE: WONDERMENT 10679, COLOR: FERN 00340. SIZE: 18"X36". INSTALLATION METHOD: STAGGER. FLAMMABILITY		PLASTIC LAN
C-3	RATING: ASTM E648 (CLASS 1), CONTACT: MARIA KEBSCHULL, (E: MARIA.KEBSCHULL@PATCRAFT.COM, P: 919.920.8631).	PL-1	MANUF.: FORM INDEPTH SUR
	LUXURY VINYL TILE SPECIFICATIONS		ASTM E 84, C
LVT-1	COLOR: CHESTNUT, SIZE: 7.75"X48", INSTALLATION METHOD: STAGGER, FLAMMABILITY RATING: ASTM E648 (CLASS 1), CONTACT: MARIA KEBSCHULL, (E: MARIA KEBSCHULL@PATCRAFT.COM P: 919 920 8631).	PL-2	GRADE FOR STANDARD H GRADE FOR \ REID (E: SHER
	FLOOR TILE SPECIFICATIONS		MANUE: FOR
	DISTRIB.: TILEBAR, MANUF.: TILEBAR, COLLECTION: DREAMSTONE, STYLE: PORCELAIN TILE,	PL-3	STANDARD V 84, CONTACT
T-1	COLOR: CALACATTA RUSTICO, FINISH: MATTE, SIZE: 12"X24", THICKNESS: 8.30MM, GROUT: USE G-1, JOINT WIDTH: 1/16", INSTALLATION METHOD: STACKED (ALIGN GROUT LINES WITH WT-1), BASE: USE TB-1, CONTACT: TIFFANY COPPOCK, (E:TCOPPOCK@TILEBAR.COM, P: 919.599.3811)	PL-4	MANUE: FOR STANDARD H GRADE FOR \ REID (E: SHER
T-2	DISTRIB.: TILEBAR, MANUF.: TILEBAR, COLLECTION: SEVILLE TRAVERTINE LOOK, STYLE: PORCELAIN TILE, COLOR: OLIMPIA, FINISH: MATTE, SIZE: 24"X24", THICKNESS: 9MM, GROUT: USE G-2, JOINT WIDTH: 3/16", INSTALLATION METHOD: STACKED, BASE: USE RB-1, CONTACT:	PL-5	MANUF.: FORM STANDARD H GRADE FOR \ REID (E: SHER
	TIFFANY COPPOCK, (E:TCOPPOCK@TILEBAR.COM, P: 919.599.3811)		TRANSITION
		TS-1	Manuf.: Schl Size Based (
E-1	COORDINATE FLOORING INSTALL WITH FLOOR DRAINS, DRAINAGE SLOPES, AND WALL FINISH (TRIM), CONTACT: CAMERON GREGORY (CAMERON.GREGORY@EVERLASTEPOXY.COM, P: 678.869.1014)	TS-2	Manuf.: Schl Size Based C
	RUBBER BASE SPECIFICATIONS		WALL COVE
RB-1	Manuf.: Johnsonite, Type: Perceptions recess rubber base (flex rwdc 469 f), Color: 469 Mystify, Size: 4 $\frac{1}{4}$ ", Flammability rating: Astm E648 (class 1), Astm E84 (class A) note: to be used throughout uno.		MANUF.: SPO COLOR: VINTA
	WALL TILE SPECIFICATIONS	WC-1	INSTALLATIO
WT-1	DISTRIB.: TILEBAR, MANUF.: TILEBAR, COLLECTION: DREAMSTONE, STYLE: PORCELAIN TILE, COLOR: CALACATTA RUSTICO, FINISH: MATTE, SIZE: 12"X24", THICKNESS: 8.30MM, GROUT: USE		SULLIVAN (E:
WI I	G-1, Joint Width: 1/16", Installation Method: Stacked (Align Grout Lines With WT-1), Contact: Tiffany Coppock, (E:Tcoppock@tilebar.com, p: 919.599.3811)		
WT-2	DISTRIB.: TILEBAR, MANUF.: TILEBAR, COLLECTION: ANGELA HARRIS, STYLE: CERAMIC TILE, COLOR: DUNMORE GREEN, FINISH: POLISHED, SIZE: 8"X8", THICKNESS: 9MM, GROUT: USE G-2, JOINT WIDTH: 3/16", INSTALLATION METHOD: STACKED, CONTACT: TIFFANY COPPOCK, (ETCOPPOCK@TILEBAR.COM, P. 919 599 3811)	PANEL	SAMPLE DESI PAINTING.
			WAINSCOT S
	GROUT SPECIFICATIONS		TYPE: SOLID
G-1	MANUF.: LATICRETE, TYPE: PERMACOLOR 23, COLOR: ANTIQUE WHITE, JOINT WIDTH: 1/16" TYP. MOTE: GROUT TO BE SEALED	WS-1	WAINSCOT TO PAINTING.
G-2	Manuf.: Laticrete, Type: Permacolor, Color: Fossil, Joint Width: 3/16" Typ. <u>Note:</u> Grout to be sealed	WS-2	Type: Solid Designer Pro Trim). Caulk
	PAINT SPECIFICATIONS		
P-1	Manuf.: Benjamiin Moore, Type: Zero-Voc Interior Latex, Color: Revere Pewter HC-172, Finish: Pearl/Satin, Flammability Rating: Class A (0-25) over a Non-Combustible Surface, Note: To be used throughout uno.		DISTRIB: TILE
P-2	MANUF.: BENJAMIIN MOORE, TYPE: ZERO-VOC INTERIOR LATEX, COLOR: VINTAGE VOGUE 462, FINISH: PEARL/SATIN FLAMMABILITY RATING: CLASS A (0-25) OVER A NON-COMBUSTIBLE SURFACE.	TB-1	Calacatta Width: 1/16", Joints Wher 919.599.3811)
P-3	MANUF.: BENJAMIN MOORE, TYPE: ZERO-VOC INTERIOR LATEX, COLOR: TATE OLIVE HC-112, FINISH: PEARL/SATIN, FLAMMABILITY RATING: CLASS A (0-25) OVER A NON-COMBUSTIBLE SURFACE		PARTITION S
	MANUF.: BENJAMIN MOORE, TYPE: EPOXY (FOR RESTROOMS), COLOR: TATE OLIVE HC-112,		MANUF.: SCRA
P-4	FINISH: PEARL/SATIN, FLAMMABILITY RATING: CLASS A (0-25) OVER A NON-COMBUSTIBLE SURFACE	PT-1	Mounted-ov Rating: Asti

FINISH LEGEND

GENERAL FINISH NOTES

- All interior wall and ceiling finishes shall comply with 803 and Table 803.11 of the NCBC. All flooring finishes shall comply 804 OF THE 2018 NCBC.
- ALL FINISHES SPECIFIED ARE APPROVED BY THE TENANT. ANY NECESSARY SUBSTITUTIONS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL. UNLESS NOTED OTHERWISE (UNO), PROVIDE FINISH TRANSITION STRIPS BY SCHLUTER OR EQUAL AT ALL FLOOR FINISH TRANSITIONS. FINISH: VARIES -SEE SPECS. VINYL AND MARBLE THRESHOLDS WILL NOT BE ACCEPTED. UNO, TRANSITION FINISHES AT CENTER OF DOOR, FLOAT OR FEATHER ALL FLOORING MATERIALS AS REQUIRED TO ENSURE A LEVEL TRANSITION BETWEEN MATERIALS OF VARYING THICKNESS. TRANSITIONS TO COMPLY
- WITH ACCESSIBILITY REQUIREMENTS ICC A117.1 SECTION 303. SUBMIT FINISH SUBMITTALS (INCLUDING TRANSITION STRIPS) TO TURPENTINE DESIGN FOR REVIEW AND APPROVAL PRIOR TO ORDERING AND INSTALLATION. SUBMIT ALL FINISHES TOGETHER IN ONE FINISH SUBMITTAL PACKAGE. REFER TO THE CONSTRUCTION PLAN DIMENSIONS FOR ALL PRELIMINARY FINISH MATERIAL TAKE-OFFS. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDER PLACEMENT.
- REFER TO INTERIOR ELEVATIONS FOR ALL MILLWORK FINISH DESIGNATIONS.
- UNO, ALL PTD. HOLLOW METAL FRAMES SHALL RECEIVE A WATERBASED ALKYD SEMI-GLOSS PAINT WITH LOW VOC'S. COLOR (TBD).
- FLOORING PATTERN HATCHING IS FOR MATERIAL INFORMATION AND DESIGN INTENT ONLY AND IS NOT TO SUGGEST LAYOUT OR WORKPOINTS. CONTRACTOR SHALL SUBMIT FLOORING SEAMING / PATTERN LAYOUT DIAGRAM TO TURPENTINE DESIGN FOR REVIEW AND APPROVAL PRIOR TO ORDERING AND INSTALLATION. INDICATE ON CARPET SEAMING DIAGRAM THE DIRECTION OF PATTERN INSTALLATION. CUT TILES LESS THAN 1/3 OF A FULL SIZE PIECE WILL NOT BE ACCEPTED. COORDINATE WITH ARCHITECT

AS REQUIRED TO AVOID TILE "SLIVERS".

CONTINUE FLOORING MATERIAL AS SCHEDULED UNDER MI INTO ALL MILLWORK RECESSES. GC TO FINISH GWB TO FINISHED FLOOR SO THAT RESILIEN APPLIED TO A SMOOTH SURFACE. PAINTING SUBCONTRACTOR SHALL PROVIDE LOW-VOC PR FINISH-COAT MATERIALS THAT ARE COMPATIBLE WITH ON WITH THE SUBSTRATES INDICATED. UNO, ALL GWB CEILINGS SHALL RECEIVE PAINT (P-1), FLA UNO, ALL GYPSUM BOARD WALLS TO RECEIVE PAINT (P-FINISH WITH BASE (B-1). ALL FABRICS AND TEXTILES SHALL COMPLY WITH SECTIO NCSBC. REFER TO DOOR SCHEDULE FOR ALL DOOR FINISH INFORM PREPARE ALL SURFACES FOR INSTALLATION OF NEW FLOO MATERIALS. SUBCONTRACTORS SHALL PROVIDE FINISH-CO THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH INDICATED. PROVIDE CURING COMPOUND AS NECESSARY.

14

- WATERPROOF AND CRACK ISOLATION MEMBRANE IN ALL RECEIVING PORCELAIN FLOOR TILE. PROVIDE APPROPRIATI AND CONTROL JOINTS PER CURRENT T.C.N.A. RECOMMENDA COORDINATE FINAL LOCATIONS WITH ARCHITECT.
- 17 REFER TO BUILDING DETAILS FOR TRANSITION STRIP DETA

SE SPECIFICATIONS

: TILEBAR MANUF.: TILBAR, COLLECTION: DREAMSTONE, STYLE: PORCELAIN, COLOR: TTA RUSTICO, FINISH: POLISHED, SIZE: 3"X24" BULLNOSE, GROUT: USE G-1, JOINT I/16", INSTALLATION: ALIGN GROUT JOINTS WITH FLOOR TILE AND WALL TILE GROUT WHERE POSSIBLE, CONTACT: TIFFANY COPPOCK, (E:TCOPPOCK@TILEBAR.COM, P:

ON SPECIFICATIONS

: SCRANTON PRODUCTS, COLLECTION: HINY HIDERS, LAYOUT: FLOOR ED-OVERHEAD BRACED, COLOR: MOCHA, FINISH: ORANGE PEEL, FLAMMABILITY : ASTM E 84, CONTACT: MASON STOKES (P: 678.425.7583).

CARPET FLOORING A	s —	<u>-</u>	Schluter "Reno- T"
SCHEDULED			- EPOXY FLOORING AS SPECIFIED
SHIM UNDERNEATH TO BRING SURFACE FLUSH WITH EPOXY			
			PLYWOOD SUBFLOOR

CARPET TO EPOXY TRANS. – SCHLUTER RENO-T SCALE: 3" = 1'-0"

ILLWORK AND	18	CEMENT BOARD (CONFIRM CORRECT TERM) TO BE INSTALLED IN LIEU OF DRYWALL AT ALL WALLS RECEIVING WALL TILE.
NT BASE IS	19	GC AND ARCHITECT TO COORDINATE WITH TENANT/OWNER FOR ATTIC STOCK REQUIREMENTS, QUANTITIES AND STORAGE AVAILABLITY FOR FLOORING MATERIALS.
RIMERS AND ONE ANOTHER AND	20	UNO, ALL EXPOSED CEILINGS INCLUDING STRUCTURE, DUCTWORK, MECHANICAL UNITS, CONDUIT, PIPING, ETC. TO RECEIVE PAINT (P-1) . SEE REFLECTED CEILING PLAN FOR NOTED EXCEPTIONS.
.at finish.	21	WHERE INTERIOR FINISHES ARE APPLIED ON WALLS, CEILINGS OR STRUCTURAL ELEMENTS REQUIRED TO HAVE A FIRE-RESISTANCE RATING OR TO BE OF NON-COMBUSTABLE CONSTRUCTION, THEY SHALL COMPLY WITH SECTION 803.11 OF THE NCSBC.
-1), EGGSHELL	22	UNO, ALL ELECTRICAL DEVICES AND COVER PLATES SHALL BE MATTE WHITE. COORDINATE W/ ARCHITECT FOR EXCEPTIONS. (STAINLESS/GRAY WITHIN SOME FEATURE WALLS)
DN 803.1.4 OF THE	23	COORDINATE TRANSITION OF (WB-1) TO SCHEDULED RUBBER BASE LOCATIONS WITH ARCHITECT AND OWNER.
MATION. DORING	24	CHECK FINISH PLAN FOR FLOOR DIRECTION; VARIES PER LOCATION.
COAT MATERIALS THE SUBSTRATES . PROVIDE . AREAS TE EXPANSION DATIONS AND	25	-
	26	-
AILS.	27	-

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A DESCRIPTION

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50% REVIEW 90% REVIEW PRICING

DATE 08.20.24

09.19.24 11.27.24

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RC	CH P	PROJECT #	24-019	

FINISH SCHEDULE

SCALE: 1/8" = 1'-0"

FURNITURE + EQUIPMENT PLAN SCALE: 1/8" = 1'-0"

	APPLIANCE + EQUIPMENT LEGEND		KEY NOTES
RFX	NAME: FULL-SIZED REFRIGERATOR/FREEZER FURNISHED BY: GC INSTALLED BY: GC DESCRIPTION: OWNER TO PROVIDE MODEL: OWNER TO PROVIDE ADDITIONAL NOTES: NO WATERLINE QUANTITY: 2 (TOWN HALL BREAK ROOM AND POLICE DEPARTMENT BREAK ROOM)	NAME: WALL MOUNTED TELEVISION FURNISHED BY: OWNER INSTALLED BY: GC DESCRIPTION: GC SHALL PROVIDE FRT WOOD BLOCKING IN STUD WALL - TYP. MODEL: OWNER TO PROVIDE ADDITIONAL NOTES: QUANTITY: 3	1 - 2 -
MW	NAME: MICROWAVE - COUNTERTOP FURNISHED BY: GC INSTALLED BY: GC DESCRIPTION: OWNER TO PROVIDE MODEL: OWNER TO PROVIDE ADDITIONAL NOTES: QUANTITY: 2 (TOWN HALL BREAK ROOM AND POLICE DEPARTMENT BREAK ROOM	NAME: PRINTER/COPIER - FREESTANDING FURNISHED BY: OWNER INSTALLED BY: OWNER DESCRIPTION: OWNER TO PROVIDE MODEL: OWNER TO PROVIDE ADDITIONAL NOTES: QUANTITY: 1 (TOWN HALL)	$\begin{array}{c c} (3) & - \\ \hline \\ (4) & - \\ \hline \\ (5) & - \end{array}$
см См	NAME: COFFEE MAKER FURNISHED BY: OWNER INSTALLED BY: OWNER DESCRIPTION: OWNER TO PROVIDE MODEL: OWNER TO PROVIDE ADDITIONAL NOTES: NO WATER LINE QUANTITY: 1	NAME: DISPLAY CASE FURNISHED BY: OWNER INSTALLED BY: OWNER DESCRIPTION: OWNER TO PROVIDE MODEL: OWNER TO PROVIDE ADDITIONAL NOTES: QUANTITY: TBD	6 - 7 -
PRNT	NAME: PRINTER - COUNTERTOP FURNISHED BY: OWNER INSTALLED BY: OWNER DESCRIPTION: OWNER TO PROVIDE MODEL: OWNER TO PROVIDE ADDITIONAL NOTES: QUANTITY: 1 (POLICE DEPARTMENT)		8 9
			10 -

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	GENERAL FURN. + EQUIP. NOTES
1	UNO, ALL APPLIANCES SHOULD BE STAINLESS STEEL.
2	VERIFY ALL FINAL EQUIP. & FURN. WITH OWNER VENDORS. COORD. ALL POWER AND DATA W/ OWNER VENDORS PRIOR TO ROUGH-IN OF ALL WALL AND FLOOR OUTLETS. OWNER OR TENANT VENDORS ARE RESPONSIBLE FOR VERIFYING ALL CRITICAL DIMS PRIOR TO ORDERING.
з	GC TO PROVIDE SUBMITTAL PACKAGE WITH CUT SHEETS FOR SPECIFIED APPLIANCES BY GC TO ARCHITECT FOR APPROVAL PRIOR TO PURCHASE. IF MODELS ARE DISCONTINUED, GC TO PROVIDE EQUIVALENT ALTERNATES.
4	THE FURNITURE SHOWN IS FOR REFERENCE PURPOSES ONLY. FOR MORE DETAIL, SEE FURNITURE VENDOR'S DRAWINGS. SEE ELECTRICAL DRAWINGS FOR POWER/DATA CONNECTIONS.
5	GC TO COORDINATE ALL WIDTHS, DEPTHS AND HEIGHTS OF PROPOSED APPLIANCES WITH MILLWORK PRIOR TO FABRICATION. UNO, GAPS ON EACH SIDE OF APPLIANCE TO BE NO WIDER THAN 1 INCH. GC TO COORDINATE GAPS AND OPEN SPACE IN MILLWORK CAVITY WITH APPLIANCE VENTILATION REQUIREMENTS. NOTIFY ARCHITECT OF ANY CONFLICTS.
6	FURNITURE VENDOR SHALL COORDINATE DELIVERY, STAGING AND INSTALLATION WITH OWNER OR TENANT AND GC. FURNITURE VENDOR SHALL BE RESPONSIBLE FOR DAMAGE TO CONSTRUCTION CAUSED DURING INSTALLATION.
7	UNO, ALL UNDERCOUNTER APPLIANCES THAT ARE BEING INSTALLED BELOW AN ADA COUNTERTOP SHALL BE ADA COMPLIANT.
8	REFERENCE INTERIOR ELEVATIONS FOR TYPICAL TV MOUNTING HEIGHTS.
9	-
10	-

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1		50% REVIEW	08.20.24	
2		90% REVIEW	09.19.24	
3		PRICING	11.27.24	
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ARCH PROJECT # 24-019				
FU	FURNITURE & EQUIPMENT PLAN			

SCALE: 1/8" = 1'-0"

SCALE: 1/8" = 1'-0"

ROOF PLAN KEY NOTES GC TO INVESTIGATE AND REPAIR WATER DAMAGE AT ROOF AREA AS REQUIRED. MATCH C GC TO REPLACE ALL EXISTING DAMAGED GUTTERS AND DOWNSPOUTS WITH NEW PREFIN. METAL DOWNSPOUTS AND GUTTERS IN PLACE. 12 · | (3) | -13 . (14) 5 15 . _____ (16) 6 - 17 8 (18) _____ 9 (19) 10 20

21	-
22	-
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	GENERAL ROOF PLAN NOTES
1	GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VERIFICATION OF ALL ROOF DIMENSIONS INCLUDING SIZES AND LOCATION OF ALL EXISTING ROOF MOUNTED EQUIPMENT AND ACCESSORIES.
2	GENERAL CONTRACTOR'S SHALL ENSURE THAT THE ROOF STRUCTURE IS NOT OVERLOADED BY WEIGHTS OF CONSTRUCTION EQUIPMENT, MATERIALS, AND PERSONNEL DURING CONSTRUCTION AND SHALL PROVIDE ADEQUATE FALL PROTECTION.
3	THE GENERAL CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE IMMEDIATE VICINITY OF THE WORK SITE AS DIRECTED BY THE OWNER/ARCHITECT AND SHALL ACCESS THE ROOF ONLY FROM THE OUTSIDE OF THE BUILDING AT AREAS DIRECTED.
4	GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF COMPLETED ROOF SECTIONS DURING ADJACENT ROOF OPERATIONS.
5	DURING CONSTRUCTION, GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THE BUILDING AND ITS CONTENTS FROM THE ELEMENTS AND SHALL PROVIDE TEMPORARY ROOF PROTECTION AND COVERING AS NECESSARY.
6	GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PROPERLY FLASH ALL PLUMBING VENTS, EQUIPMENT CURBS, MECHANICAL/ELECTRICAL CONNECTIONS, ETC.
7	RAISE ALL PLUMBING VENTS A MIN. OF 12" ABOVE TOP OF ROOF SYSTEM. RAISE ALL EQUIPMENT CURBS A MIN. OF 8-1/2" ABOVE TOP OF ROOF SYSTEM USING TREATED WOOD BLOCKING.
8	GENERAL CONTRACTOR SHALL PROPERLY DISPOSE OF ALL DEBRIS OFF SITE DAILY, INCLUDING FROM ROOF.

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24-019

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16	-	SH	EET :	#	A	5.0
15	SEE MECHANICAL/PLUMBING DRAWINGS FOR EXACT EQUIPMENT PLACEMENT. EQUIPMENT SHOWN IS FOR COORDINATION ONLY.	SCALE: 1/8" = 1'-0"				
14	14 ROOF SLOPES TO BE 1/4" PER FOOT MINIMUM, INCLUDING VALLEYS. ROOF PLAN					
13	CONTRACTOR SHALL BE RESPONSIBLE FOR ASSURING THAT NO NEW WORK AFFECTS CURRENT MFR. WARRANTIES ON ANY EXISTING MECHANICAL UNITS OR OTHER ROOFTOP EQUIPMENT.	ARCH PROJECT # 24-0		24-019		
12	CONTRACTOR SHALL ENSURE THAT ALL ROOF DRAINS, GUTTERS, DOWNSPOUTS, AND ROOF LEADERS WITHIN BLDG. ARE FREE AND CLEAR OF DEBRIS, DAMAGE AND ARE FULLY-FUNCTIONING.	COPYRIGHT 2024 - ALL RIGHTS RESERVED PRINTED OR ELECTRONIC DRAWINGS & DOCUMENTATION MAY NOT BE REPRODUCED REDISTRIBUTED IN ANY WAY WITHOUT WRITTEN PERMISSION FROM TURPENTINE DESI		Roduced or Itine design		
ROOFIN	DFING PLAN TO PROVIDE REQUIRED DRAINAGE AND WATER-TIGHT ENVELOPE.	10				
11	LOCATIONS OF CRICKETS AND TAPERED RIGID INSULATION ARE SHOWN FOR DESIGN INTENT ONLY. THE ROOFING CONTRACTOR IS RESPONSIBLE FOR PROVIDING A DETAILED	8				
		7				
	THE ROOF SYSTEM WARRANTY. SUBMIT DETAILS TO ARCHITECT FOR APPROVAL.	5 6				
10	ROOFING DETAILS SHOWN ARE FOR REFERENCE AND DESIGN INTENT ONLY. ROOFING	4				
		3		PRICING		11.27.24
9	MECHANICAL AND PLUMBING CONTRACTORS SHALL SUPPLY THEIR OWN CURBS UNLESS NOTED OTHERWISE.	1		50% REVIEW		08.20.24
		#		DESCRIPTION		DATE

COUNCIL ROOM RENDERING NTS - FOR REFERENCE ONLY 4

3

COUNCIL ROOM RENDERING NTS - FOR REFERENCE ONLY

COUNCIL ROOM ENLARGED PLAN SCALE: 3/8" = 1'-0"

TOILET ACCESSORIES LEGEND

 PROVIDE FIRE-RETARDANT/PRESSURE-TREATED WOOD BLOCKING IN GWB PARTITIONS FOR TOILET PARTITIONS AND TOILET ACCESSORIES MOUNTING. • ALL TOILET ACCESSORIES AND NOTED "ADA COMPLIANT PLUMBING FIXTURES" MUST COMPLY WITH ANSI A117.1. 2009.

巴 TP1	SQUARE SURFACE MOUNTED EURO TOILET PAPER HOLDER IN FINISH VIBRANT BRUSHED MODERNE BRASS. NO SUBSTITUTION KOHLER: #K-23288-2MB	18B	18" Handicapped Brass. No Subs Kohler: #K-1054
巴 TP2	SQUARE SURFACE MOUNTED EURO TOILET PAPER HOLDER IN FINISH VIBRANT BRUSHED NICKEL. NO SUBSTITUTION KOHLER: #K-23288-BN	425	42" Handicappei Kohler: #K-1054
D SD1	SURFACE MOUNTED SOAP DISPENSER IN FINISH BRASS. NO SUBSTITUTION NAMEEKS: GEDY 7581-44	365	36" Handicappei Kohler: #K-1054
□ SD2	SEACHROME CAL SERIES VERTICAL WALL-MOUNTED 40 OUNCE LIQUID SOAP SOAP DISPENSER WITH SIGHT WINDOW IN FINISH STAINLESS STEEL. NO SUBSTITUTION SEACHROME: SCAL-126	185	18" Handicapped Substitution. Kohler: #K-1054
 M1	MIRROR - NO SUBSTITUTION MFR: REJUVENATION STYLE: COLESTIN METAL FRAME WALL MIRROR FINISH: AGED BRASS SIZE: 24"X36"		FLOOR-ANCHORE WALL BRACKETS MFR: SCRANTON
 M2	MIRROR - NO SUBSTITUTION MFR: REJUVENATION STYLE: COLESTIN METAL FRAME DOUBLE VANITY MIRROR FINISH: AGED BRASS SIZE: 60"X36"	PI	GOTNOVO RECTA NO SUBSTITUTIO GOTNOVO #21317
M3	MIRROR #MR43672BR - NO SUBSTITUTION MFR: ELEGANT LIGHTING STYLE: ETERNITY RECTANGULAR FRAMED BATHROOM WALL MIRROR FINISH: BRASS SIZE: 36"X72"	PT2	AS1 SURFACE MO SUBSTITUTION. ASI: #10-215
 M4	MIRROR #EMIR43072S - NO SUBSTITUTION MFR: ROSETO STYLE: VANTINIUS TRADITIONAL RECTANGULAR FRAMED BATHROOM WALL MIRROR FINISH: SILVER SIZE: 18"X28"		Corner Floor M Breaker, Hose S Provide 48"H Wi Mop Sinks Occu
42B	42" Handicapped grab bar W/ traditional design in Finish Vibrant Brushed Moderne Brass. No Substitution. Kohler: #K-10545-2MB	₽ CH1	SIGNATURE HARE
36B	36" Handicapped grab bar W/ traditional design in Finish Vibrant Brushed Moderne Brass. No Substitution. Kohler: #K-10544-2MB	₽ CH2	IVES LOWPROFILI IVES: 51A15

ED VERTICAL GRAB BAR W/ TRADITIONAL DESIGN IN FINISH VIBRANT BRUSHED MODERNE STITUTION. 41-2MB

ED GRAB BAR W/ TRADITIONAL DESIGN IN FINISH POLISHED STAINLESS. NO SUBSTITUTION. 645-S

ED GRAB BAR W/ TRADITIONAL DESIGN IN POLISHED STAINLESS. NO SUBSTITUTION. 44-S

PED VERTICAL GRAB BAR W/ TRADITIONAL DESIGN IN FINISH POLISHED STAINLESS. NO

641-S

ED OVERHEAD-BRACED TOILET PARTITIONS WITH CONTINUOUS HEAVY DUTY STAINLESS STEEL 5, HINGES, AND DOOR HARDWARE. NO SUBSTITUTION.

ANGULAR SURFACE MOUNTED PAPER TOWEL DISPENSER IN FINISH ANTIQUE BRASS BRONZE.

OUNTED HORIZONTAL C-FOLD PAPER TOWEL DISPENSER IN FINISH STAINLESS STEEL. NO

MOP SINK W/ 12" BACKSPLASH AND 8" DEEP COMPARTMENT. PROVIDE FAUCET W/ VACUUM SPOUT AND PAIL HOOK. PROVIDE GRIDDED STRAINER. SEE PLUMB. HITE FIBER REINFORCED PLASTIC (FRP) PANELS AT ALL WALLS IN JANITOR CLOSETS WHERE

DWARE 1-1/8" WIDE SINGLE COAT AND HAT HOOK IN FINISH MATTE BRASS. NO SUBSTITUTION. DWARE: #282502

ILE SINGLE CAST ALUMINUM WARDROBE HOOK WITH 1 %" PROJECTION NO SUBSTITUTION.

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ENLARGED PLANS +

ARCH PROJECT #

24-019

DATE

08.20.24

09.19.24

11.27.24

INTERIOR ELEVATIONS SCALE: AS NOTED

A8.2

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A11.0

SCALE: 1-1/2" = 1'-0"

SHEET #

SCALE: 1-1/2" = 1'-0"

A11.1

	MILLWORK NOTES
1	ANY SHELF EXCEEDING 36" IN WIDTH TO BE 1" THICK.
2	ALL DOOR AND DRAWER FRONTS TO BE 3/4" PARTICLE BOARD WITH PLASTIC LAMINATE (OR WOOD VENEER) ON 2 SIDES AND PLASTIC LAMINATE (OR WOOD VENEER) ON ALL 4 EDGES.
з	door hinges to be equal to blum 90A8530 and 91A8530 170 degree hinges, typ - use Three hinges on doors over 42" high.
4	DRAWERS TO BE CONSTRUCTED USING 1/2" PARTICLE BD. SIDES, FRONT, AND REAR PANELS WITH 1/4" LUAUN PLYWOOD BOTTOMS. FRONT PANEL TO BE 3/4" THICK PARTICLE BOARD. DRAWERS TO BE ON SLIDES EQUAL TO BLUM 430E SERIES WITH FULL EXTENSION. BLUM DRAWER BOXES ARE AN ACCEPTABLE ALTERNATE.
5	FILE DRAWERS TO BE ON SLIDES EQUAL TO K AND V 1429 HEAVY FULL EXTENSION SLIDES. INSIDE OF DRAWERS TO BE 13 1/2" CLEAR. PROVIDE FILE HANGING SYSTEM TO ACCOMMODATE LETTER SIZE HANGING FILE FOLDERS HUNG SIDE TO SIDE OR LEGAL SIZE HUNG FRONT TO BACK.
6	ALL EXPOSED SURFACES OF CABINETS TO BE COVERED IN PLASTIC LAMINATE (OR WOOD VENEER) UNLESS NOTED OTHERWISE. CABINET INTERIORS TO BE MELAMINE COVERED PARTICLE BOARD, UNLESS NOTED OTHERWISE.
7	ADJUSTABLE SHELF SUPPORT EQUAL TO BLUM NUMBER 34.0040
8	PLASTIC LAMINATE COLORS SHALL BE AS SCHEDULED.
9	All door and drawer pulls to be scheduled. Refer to interior elevations for specifications.
10	ALL PLASTIC LAMINATE MILLWORK COUNTERS AND BACKSPLASHES AT WET LOCATIONS TO BE PLASTIC LAMINATE OVER 3/4" THICK PLYWOOD, TYPICAL.

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A11.2

HARDWARE GROU	P 1: ST	OREFRONT ENTRY DOORS				IOTES
ІТЕМ	FINISH		ΟΤΥ	1 DOOR(S) TO BE CONTRO	LLED BY CAF	RD READER "CR" AND ELECTRIFIED
	609		1	MORTISE LOCKSET. DOO TIMES AND FAIL SAFE. S	R HARDWAR ECURITY CAF	RE TO PROVIDE FREE EGRESS AT ALL RD ACCESS VENDOR TO PROVIDE AND
BB BUTT HINGES W/ NRP	609	BY STOREFRONT MFG.	1	INSTALL CARD READER I REQUIRED. GC SHALL PF	DEVICE AND	ALL LOW VOLTAGE WIRING CONNECTIONS OTHER REQUIRED DOOR HARDWARE AND
DOOR PULLS (BACK-TO-BACK SET)	609	BY STOREFRONT MFG.	1		ION W/ SECU IR EXACT LO	DCATION OF CARD READER "CR".
WEATHERSTRIPPING	-	BY STOREFRONT MFR.	AS REQ.	2 DOOR(S) TO BE CONTRO		RD READER "CR" AND ELECTRIC STRIKE.
STOPS	-	BY STOREFRONT MFR.	AS REQ.	SECURITY CARD ACCESS	VENDOR TO	PROVIDE AND INSTALL CARD READER ING CONNECTIONS REQUIRED. GC SHALL
THRESHOLD (ADA COMPLIANT)	ALUM	BY STOREFRONT MFR.	AS REQ.	PROVIDE ALL OTHER REG	QUIRED DOOF	R HARDWARE AND COORDINATE CCESS VENDOR. SEE CONSTRUCTION
CYLINDER CORE	609	SCHLAGE 20-062	1	PLAN FOR EXACT LOCAT	ION OF CAR	D READER "CR".
HARDWARE GROU	P 2: OI	FICE		CONTROLLED-A	CCESS	CODE REFERENCE
ITEM	FINISH	MANUFACTURER: SPECIFICATION	QTY	2018 NC STATE BUILDING		
BEARING HINGE	609	HAGER: AB700	AS REQ.	SECTION 1010.1.9.8 SENSOR RELE	ASE OF ELE	CTRONICALLY - LOCKED EGRESS DOORS.
STOP	609 US4	IVES: FS13	1	THE ELECTRIC LOCKS ON SENSO EGRESS IN BUILDINGS WITH AN	R RELEASED	DOORS LOCATED IN A MEANS OF IN GROUP A,B,E,M,R-1 OR R-2 AND
HARDWARE GROU	P 3: C0	ONFERENCE (PASSAGE)		R-2 ARE PERMITTED WHERE INS OF THE FOLLOWING CRITERIA:	TALLED AND	OPERATED IN ACCORDANCE WITH ALL
ITEM	FINISH	MANUFACTURER: SPECIFICATION	QTY	I. A SENSOR SHALL BE INST OCCUPANT APPROACHING UNLOCK BY A SIGNAL FR(THE DOORS	THE EGRESS SIDE, ARRANGED TO DETECT . THE DOORS SHALL BE ARRANGED TO . OF POWER TO THE SENSOR.
HINGE	609	HAGER: AB700	AS REQ.	2. LOSS OF POWER TO THE I	LOCK OR LOC	
DOOR PULLS (BACK-TO-BACK SET)	609	CRL: LP8X8ABR 8"	1	UNLOCK THE DOORS.		
STOP	US4	IVES: FS13	1	3. THE DOORS SHALL BE ARI DEVICE LOCATED 40 INCH	RANGED TO UES TO 48 INC	UNLOCK FROM A MANUAL UNLOCKING CHES VERTICALLY ABOVE THE FLOOR
ROLLER LATCH	609	ROCKWOOD	1	AND WITHIN 5 FEET OF TH PROVIDED TO THE MANUA	L UNLOCKIN	DOORS. READY ACCESS SHALL BE IG DEVICE AND THE DEVICE SHALL BE DEADS "DUSH TO EXIT" WHEN
HARDWARE GROU	P 4: JA	NITOR			UNLOCKING I	DEVICE SHALL RESULT IN DIRECT
ITEM	FINISH	MANUFACTURER: SPECIFICATION	QTY	ELECTRONICS-AND THE DO THAN 30 SECONDS.	ORS SHALL	REMAIN UNLOCKED FOR NOT LESS
HINGE	609	HAGER: AB700	AS REQ.	4. ACTIVATION OF THE BUILI	JING FIRE AL	ARM SYSTEM, IF PROVIDED, SHALL
STORAGE LOCKSET	609	SCHLAGE: L9080	1	AUTOMATICALLY UNLOCK	THE DOORS, E ALARM SYS	, and the doors shall remain Stem has been reset.
KICKPLATE	609	TRIMCO: K0050 (10")	1	5. ACTIVATION OF THE BUILT		
HARDWARE GROU	P 5: S1	ORAGE		DOORS. THE DOORS SHAL SYSTEM HAS BEEN RESET	L REMAIN U	NLOCKED UNTIL THE FIRE ALARM
ITEM				6. THE DOOR LOCKING SYST	em units sh	ALL BE LISTED IN ACCORDANCE WITH UL
				294.		
	609 609	HAGER: AB700	AS REQ.	-		
STOP	US4	IVES: FS13	1			
KICKPLATE	609	TRIMCO: K0050 (10")	1	HARDWARE GROU	P 10: C	
HARDWARE GROU	P 6: T0	DILET (SINGLE OCC.)		ІТЕМ	FINISH	MANUFACTURER: SPECIFICATIO
				HINGE	609	HAGER: AB700
ITEM	FINISH	MANUFACTURER: SPECIFICATION	QTY		US4	VON DUPRIN: 99 EO
HINGE	609		AS REQ.	CLOSER: PUSH-SIDE	US4	LCN: 4110 W/ HOLD OPEN FEATURE
CLOSER: PULL-SIDE	BRASS	LCN: 4010	1	HARDWARE GROU	P 11: S	TOREFRONT SLIDING
STOP	US4	IVES: FS13	1	ITEM	FINISH	MANUFACTURER: SPECIFICATIO
	P 7: TC)II FT (MUI TIPI F OCC)		WALL MOUNTED TRACK	BRASS	SIGNATURE HARDWARE: HBD5000X78
				DOOR PULLS (BACK-TO-BACK SET)	609	CRL: LP8X8ABR 8"
ITEM	FINISH	MANUFACTURER: SPECIFICATION	QTY	STOP	US4	IVES: FS13
	609 DDASS	HAGER: AB700	AS REQ.	HARDWARE GROU	P 12: E	XTERIOR
STOP	US4	IVES: FS13	1		EINICH	
PUSH PLATE	609	HAGER: 100T (4x16)	1			
PULL	609	HAGER: 35N (4x16)	1		630	SCHLAGE: 9056
HARDWARE GROU	P 8: EX	(TERIOR (NO RE-ENTRY)		CLOSER: PUSH-SIDE	BRASS	LCN: 4110 w/ HOLD OPEN FEATURE
					609	IVES: FB18S
	FINISH		QIY	GASKET	GRAY	PEMKO: S88D
	609		AS REQ.		CLEAR	
CLOSER: PUSH-SIDE	US4	LCN: 4110 W/ HOLD OPEN FEATURE	1	THRESHOLD (ADA COMPLIANT)	ALUM	-
GASKET	GRAY	PEMKO: S88D	AS REQ.	SWEEP		PEMKO: 345AV
LATCH GUARD	609	LATCH GUARD LG100 SERIES	1	CARD READER	-	BY VENDOR
SWEEP	-	PEMKO: 345AV	2	4		
IHRESHOLD (ADA COMPLIANT)	ALUM	-	AS REQ.	4		
HARDWARE GROU	P 9: CO	ONTROLLED ACCESS DOOR				
ITEM	FINISH	MANUFACTURER: SPECIFICATION	QTY]		
BEARING HINGE	609	HAGER: AB700	AS REO.	1		
LOCKSET - FREE EGRESS	609	SCHLAGE L9080	1]		
CLOSER	BRASS	LCN: 4010 w/ HOLD OPEN FEATURE	1	4		
STOP	US4	IVES: FS13	1	-		
KICK PLATE	606	TRIMCO: K0050 (10")	2]		
	DR.	SCHED.	WOO TRIM	D BEAD WINDOW KIT (NO METAL)	IED.	
	SEE DOOR SCHED.		1/4" (GLAS	CLEAR TEMPERED		
	I.	_	_	r		

GENERAL NOTES

R" AND ELECTRIFIED E FREE EGRESS AT ALL	1	ALL DOORS AND ASSOCIATED HARDWARE WITHIN SCOPE OF WORK AREA ARE TO COMPLY WITH CHAPTER 4 OF ICC ANSI A117.1.
TAGE WIRING CONNECTIONS RED DOOR HARDWARE AND CCESS VENDOR. SEE	2	UNO, ALL NEW INTERIOR DOORS SHALL RECEIVE NEW LOCKSETS. LEVER/ROSE STYLE. ALL HARDWARE TO HAVE BRASS FINISH.
R" AND ELECTRIC STRIKE.	з	GC SHALL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL BUILDING SYSTEM KEYED LOCKS PER BUILDING OWNER KEYING SYSTEM. COORDINATE EXACT REQUIREMENTS WITH BUILDING OWNER.
LL TIMES AND FAIL SAFE. D INSTALL CARD READER ONS REQUIRED. GC SHALL AND COORDINATE	4	PROVIDE DOOR SILENCERS TYP. AT ALL DOORS. PRE-DRILL FRAMES FOR (3) JAMB SILENCERS AND (2) HEAD SILENCERS FOR DOORS UNDER 8' TALL. PROVIDE (4) JAMB SILENCERS FOR ANY DOOR OVER 8' TALL.
R. SEE CONSTRUCTION ".	5	COMPLETE MANUFACTURER DOOR AND HARDWARE SCHEDULE SHALL BE PROVIDED BY GENERAL CONTRACTOR FOR ARCHITECT REVIEW AND APPROVAL. NOTE ANY SUBSTITUTIONS OR CHANGES FROM ORIGINAL INTENT.
REFERENCE	6	ALL DOORS AND FRAMES SHALL BE PRE-MACHINED FOR FINISH HARDWARE, INCLUDING ELECTRIFIED HARDWARE.
	7	UNO, PROVIDE FLOOR STOPS AT ALL DOOR LOCATIONS W/ BLACK RUBBER BUMPERS. PROVIDE OVERHEAD STOPS AS SPECIFIED IN DOOR SCHEDULE.
- Locked Egress Doors. Ted in a means of 3,e,m,r-1 or r-2 and N groups a b e m r-1 and	8	UNO, WHERE NEEDED, CONCEALED OVERHEAD CLOSERS SHALL BE EQUAL TO DORMA RTS 88 SERIES. UNO, WHERE NEEDED, SURFACE MOUNTED CLOSERS SHALL BE EQUAL TO LCN ⁴⁰¹⁰ / ₄₁₁₀ IN FINISH BRASS.
ACCORDANCE WITH ALL	9	ALL LOCKSETS TO BE KEYED MUST GO THROUGH OWNER'S VENDOR. GC SHALL COORDINATE W/ OWNER AS REQUIRED.
E, ARRANGED TO DETECT SHALL BE ARRANGED TO THE SENSOR.	10	ALL EXISTING DOORS THAT WILL BE REUSED AND STAINED MUST BE SANDED TO REMOVE THE SEAL COAT AND PRIMED BEFORE STAINING.
SHALL AUTOMATICALLY	11	ALL SLIDING DOORS SHALL COMPLY WITH SECTION 404 OF ANSI 117.1. DOOR OPENING SHALL BE MINIMUM 32" CLEAR WHEN DOOR IS IN THE OPEN POSITION, AND MAXIMUM FORCE FOR PUSHING/PULLING THE DOOR SHALL BE 5.0 POUNDS (22.2 N).
A MANUAL UNLOCKING LLY ABOVE THE FLOOR ACCESS SHALL BE THE DEVICE SHALL BE	12	ALL NEW DOOR HARDWARE TO BE IN BRASS FINISH.
IT OF OTHER CKED FOR NOT LESS		SOLID CORE WOOD VENEER DOORS
IF PROVIDED, SHALL DRS SHALL REMAIN IN RESET.	1	ALL NEW WOOD DOORS TO HAVE SOLID CORE W/ (5) PLY PARTICLE BOARD. DOOR THICKNESS SHALL BE 1-3/4". ALL EXPOSED SURFACES SHALL BE WOOD VENEER OR PRIMED FOR STAIN (WITH MATCHING EDGES) PER SPECIFICATIONS IN DOOR SCHEDULE REFER TO NOTE #3 BELOW

	COMPLETE MANUFACTURER DOOR AND HARDWARE SCHEDULE SHALL BE PROVIDED BY GENERAL CONTRACTOR FOR ARCHITECT REVIEW AND APPROVAL. NOTE ANY SUBSTITUTIONS OR CHANGES FROM ORIGINAL INTENT.
	ALL DOORS AND FRAMES SHALL BE PRE-MACHINED FOR FINISH HARDWARE, INCLUDING ELECTRIFIED HARDWARE.
,	uno, provide floor stops at all door locations w/ black rubber bumpers. Provide overhead stops as specified in door schedule.
	UNO, WHERE NEEDED, CONCEALED OVERHEAD CLOSERS SHALL BE EQUAL TO DORMA RTS 88 SERIES. UNO, WHERE NEEDED, SURFACE MOUNTED CLOSERS SHALL BE EQUAL TO LCN ⁴⁰¹ / ₄₁₁₀ IN FINISH BRASS.
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2	ALL NEW DOOR HARDWARE TO BE IN BRASS FINISH.
	SOLID CORE WOOD VENEER DOORS
	ALL NEW WOOD DOORS TO HAVE SOLID CORE W/ (5) PLY PARTICLE BOARD. DOOR THICKNESS SHALL BE 1-3/4". ALL EXPOSED SURFACES SHALL BE WOOD VENEER OR PRIMED FOR STAIN (WITH MATCHING EDGES) PER SPECIFICATIONS IN DOOR SCHEDULE. REFER TO NOTE #3 BELOW FOR WOOD VENEER DOOR SPECIFICATIONS.
	PROVIDE MATCHING/COMPATIBLE HARDWOOD STILES. PROVIDE STRUCTURAL COMPOSITE

LUMBER HORIZONTAL RAILS W/ EXTRA WIDTH. PROVIDE WOOD BEADS AT ALL VISION FRAMES.

ALL DOORS RECEIVING A STAINED FINISH SHALL BE QUARTER SAWN, WHITE OAK VENEER DOOR,

STAINED TO MATCH ARCHITECT'S SAMPLE.

DOOR SCHEDULE

1ST FLOOR

	JR	
DOOR #	ROOM NAME	OPENING SIZE (W X H)
100 A	LOBBY	3'-0" X 7'-0"
100 B	LOBBY TO HALLWAY	3'-0" X 7'-0"
100 C	LOBBY TO TOWN HALL	3'-0" X 7'-0"
101	UNISEX RESTROOM	3'-0" X 7'-0"
102 A	HALLWAY TO COUNCIL ROOM	3'-0" X 7'-0"
102 B	COUNCIL ROOM	2'-6" X 3'-4"
102 C	COUNCIL ROOM TO OUTSIDE	3'-0" X 7'-0"
103 A	BREAK ROOM	3'-6" X 7'-0"
103 B	EMPLOYEE ENTRANCE	3'-0" X 7'-0"
104	MAYOR'S OFFICE	3'-0" X 7'-0"
105	OPEN WORK	3'-0" X 7'-0"
106	JANITOR CLOSET	3'-0" X 7'-0"
107	MEN'S RESTROOM	3'-0" X 7'-0"
108	WOMEN'S RESTROOM	3'-0" X 7'-0"
109	STORAGE ROOM	3'-0" X 7'-0"
110	EXISTING UTILITY CLOSET	3'-0" X 7'-0"
111	TOWN MANAGER OFFICE	3'-0" X 7'-0"
112	CONFERENCE ROOM	3'-0" X 7'-0"
113	FINANCE OFFICER OFFICE	3'-0" X 7'-0"
114	PERMANENT PUBLIC RECORDS ROOM	3'-0" X 7'-0"
115	PUBLIC RECORDS ROOM	3'-0" X 7'-0"
116	TOWN CLERK OFFICE	3'-0" X 7'-0"
118A	TOWN HALL TO POLICE DEPARTMENT	3'-0" X 7'-0"
118B	TOWN HALL TO POLICE DEPARTMENT	3'-0" X 7'-0"
119	INTERVIEW ROOM	3'-0" X 7'-0"
120	EVIDENCE ROOM	3'-0" X 7'-0"
121	PUBLIC SAFETY ROOM	3'-0" X 7'-0"
122	SUPPLY CLOSET	3'-0" X 7'-0"
123	CHIEF OFFICE	3'-0" X 7'-0"
124	SGT OFFICE	3'-0" X 7'-0"
126	UNISEX RESTROOM	3'-0" X 7'-0"

ROOM

URER: SPECIFICATION	QTY		
	AS REQ.	1	13'-11" VIF
9 EO	1		
DLD OPEN FEATURE	1	- DR. SCHED. 1	$\int_{a}^{2^{\prime\prime}} EQ. \qquad \int_{a}^{2^{\prime\prime}} EQ. \qquad \int_{a}^{2^{\prime\prime}} EQ. \qquad \int_{a}^{2^{\prime\prime}} DR. SCHED. \qquad \int_{a}^{2^{\prime\prime}} DR. SCHED.$
ont sliding do	DORS		
URER: SPECIFICATION	QTY		
RDWARE: HBD5000X78	1		
8"	1		
	1		
URER: SPECIFICATION	QTY		
NRP	AS REQ.		
5	1	DOOR FRAME	F2 INT. ALUM STOREFRONT FRAME
OLD OPEN FEATURE	1	2" HEAD	
		-	
	AS REQ.	-	
LG100 SERIES	1	1	
	AS REQ.	- DR. SCHED.	
	1		
		SEE DOOR SCHED.	DR. SCHED.
	F4	DOOR FRAME 4" HEAD	D7 HALF DOOR WITH LOCK
	WALL-MOU HARDWARE SIGNATURE #HBD5000 PROVIDE 2: RETARDAN BLOCKING PULL (BRA: BOTH SIDE SEE DOOR	INTED TRACK. = BY HARDWARE: X78 X FIRE T WOOD IN WALL SS FINISH) S OF DOOR. SCHED. BR. SCHED. DR. SCHED. OPNG +6" 	The sched of the s
)3	SOLID CORE SLIDING WOOD	DOOR D4 FLUSH HOLLOW METAL DOOF

ZE	DOOR TYPE	DOOR MATERIAL	FIRE RATING	FRAME TYPE	FRAME MATERIAL	REMARKS/ HARDWARE NOTES
	D5	ALUM	-	F4	ALUM	HARDWARE GROUP 1
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 2
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 9
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 6
	D1	WOOD	90 MIN.	F1	НМ	HARDWARE GROUP 10
	D7	WOOD	-	NO FRAME	-	PASSAGE
	D4	METAL	-	F4	НМ	HARDWARE GROUP 8
	D3	WOOD	-	NO FRAME	-	HARDWARE GROUP 11
	D4	METAL	-	F1	НМ	HARDWARE GROUP 12
	D2	WOOD/GLASS	-	F1	НМ	HARDWARE GROUP 2
	D6	WOOD	-	F1	НМ	HARDWARE GROUP 2
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 4
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 7
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 7
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 5
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 5
	D2	WOOD/GLASS	-	F1	НМ	HARDWARE GROUP 2
	D1	WOOD	-	F2	ALUM	HARDWARE GROUP 3
	D2	WOOD/GLASS	-	F1	НМ	HARDWARE GROUP 2
	D1	WOOD	90 MIN.	F1	НМ	HARDWARE GROUP 5
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 5
	D2	WOOD/GLASS	-	F3	ALUM	HARDWARE GROUP 2
	D6	WOOD/GLASS	-	F1	НМ	HARDWARE GROUP 9
	D6	WOOD/GLASS	-	F1	НМ	HARDWARE GROUP 9
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 2
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 5
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 5
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 4
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 2
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 2
	D1	WOOD	-	F1	НМ	HARDWARE GROUP 6

F3

INT. ALUM STOREFRONT FRAME

1007 Procure Street Fuquay-Varina, NC 27526 919.412.9138 turpentine-design.com

STANTONSBURG **TOWN HALL**

312 S. MAIN ST., STANTONSBURG, NC 27833

🛆 DESCRIPTION DATE 50% REVIEW 08.20.24 90% REVIEW 09.19.24 3 PRICING 11.27.24 4 5 6 7 8 9 10 COPYRIGHT 2024 - ALL RIGHTS RESERVED PRINTED OR ELECTRONIC DRAWINGS & DOCUMENTATION MAY NOT BE REPRODUCED OR REDISTRIBUTED IN ANY WAY WITHOUT WRITTEN PERMISSION FROM TURPENTINE DESIGN

ARCH PROJECT #

DOOR SCHEDULE

SCALE: NTS

SHEET #

24-019

	Outside Air Calculation									
Unit Identification	Space Classification	Floor Area (SF)	People per 1000 SF	Total People	CFM per Person	CFM per SF	Zone Air Dist. Eff.	Required CFM	Design CFM	Remarks
	Office Space	594	5	3	5	0.06	0.8	63		1
AHU-1	Corridor	312	NA	NA	NA	0.06	0.8	23	120	1
	Storage	214	NA	NA	NA	0.12	0.8	32		1
	Office Space	840	4	2	5	0.06	0.8	76	- 180 -	1
	Corridor	148	NA	NA	NA	0.06	0.8	11		1
PAC-1	Reception Area	238	30	7	5	0.06	0.8	62		1
	Storage	197	NA	NA	NA	0.12	0.8	29		1
	Conference Room	175	50	9	5	0.06	1.0	56		1
	Corridor	515	NA	NA	NA	0.06	0.8	39	165	1
PAC-2	Office Space	449	5	2	5	0.06	0.8	46	105	1
	Storage	130	NA	NA	NA	0.12	0.8	20		1
	Storage	148	NA	NA	NA	0.12	0.8	22	285	1
FAC-3	Conference Room	832	50	42	5	0.06	1.0	260	200	1

1. Per 2018 NC Mechanical Code, Table 403.3.1.1.

General Requirements: 1. The heating and air conditioning contractor (the contractor) shall provide all specified and miscellaneous Ductwork: material and labor as required for a complete and operating system as described by these plans and specifications. 2. All equipment and materials shall be installed in accordance with all local, state, and national codes and recommendations of the manufacturers. If there is a conflict in the above requirements, the more stringent shall be used. 3. The contractor shall obtain and pay for all permits, fees, and inspections necessary to complete their work Flexible Duct: under this contract. 4. Prior to bidding, the contractor shall visit the site to familiarize themself with existing conditions and resolve any conflicts between existing conditions and these plans with the engineer. 5. All ductwork and equipment shown on these drawings is strictly diagrammatic. All ductwork sizes shown are free area sizes. It shall be the responsibility of the contractor to ensure that items furnished under this Code contract will fit in the space available. The contractor shall make necessary field measurements to ascertain space requirements, including those for connections, and shall provide such sizes and shapes of equipment that are the true intent and meaning of these drawings and specifications. Any conflicts shall be resolved with the engineer. 6. Prior to construction, the contractor shall coordinate their work with all other trades. All drawings indicate the general arrangement desired. The exact locations and details of construction may be such that variances are required. The drawings do not show all bends, offsets, and fittings that may be required for the complete execution of this contract. Such variances and contingencies shall be allowed for in the contractor's bid and shall be accomplished without additional cost to the owner. Prior to ordering Duct Elbows: equipment, the contractor shall prepare coordination drawings showing how their equipment is to be located in the space indicated. This drawing shall show the new and existing work of all other trades. The contractor shall contact the other contractors involved for dimensions, locations, and required clearances System Balancing: of the equipment they intend to provide for this job. The aforementioned coordination drawings shall be submitted to the engineer for approval. 7. Do not scale these drawings. Refer to the architectural plans for dimensions. 8. All equipment shall be located and installed to provide maximum space for maintenance and service. Air Distribution 9. All materials used shall be new and free of defects. Where trade names are mentioned, they are given as a reference to the quality of the apparatus required. All materials and equipment shall bear the UL label or equivalent where applicable. Other makes may be used if approved in writing by the engineer. Provide a complete list of materials and equipment proposed for use in this contract to the engineer within ten days following the award of contract. If such list is not submitted, the contractor shall supply the materials and equipment specified or as directed by the engineer. The contractor shall provide digital copies of submittals Fire Dampers: to the engineer for review and approval prior to ordering equipment. • The contractor shall provide fire dampers at all duct penetrations of rated walls as indicated on the 10. Workmanship shall be first-class and performed by experienced and skilled craftsmen. 11. Coordinate exact location of all diffusers/grilles with lights, sprinkler heads, and other ceiling mounted devices. See the reflected ceiling plan. 12. Upon completion of the work, a certified test and balance shall be performed in accordance with "AABC" requirements. Furnish a final copy of all testing, adjusting, and balancing reports as a part of the operating and maintenance manuals. Indicate deficiencies preventing proper testing, adjusting, and balancing of systems and equipment to achieve specified performance. Adjust air handling systems to within plus or Flexible Duct Connections: minus 10 percent of design. Adjust total air to all air outlets and inlets to within plus 10 percent and minus 5 percent of design to space. Adjust individual outlets and inlets in space to within plus or minus 10 percent of design. Adjust air handling and distribution systems to obtain required or design supply, return, and Escutcheons: exhaust air quantities. Measure air quantities at air inlets and outlets. Vary total system air quantities by adjustment of fan speeds. Provide sheave drive changes to vary fan speed if required. Vary branch air quantities by damper regulation. Measure static air pressure conditions on air supply units, including filter and coil pressure drops, and total pressure across fan. Make allowances for 50 percent loading of filters. Smoke Detectors: Adjust outside air automatic dampers, outside air, return air, and exhaust dampers for design conditions. At modulating damper locations, take measurements and balance at extreme conditions. 13. As applicable, the contractor shall verify the operation of all existing mechanical equipment in the area of work. All measurements shall be recorded necessary to ascertain the proper operation of the equipment including, but not limited to, amperage, gpm flow, inlet and outlet temperatures, airflow, and inlet and outlet static pressures. Any deficiency in the rated output of the equipment shall be reported to the engineer. In any case, said report shall be submitted to the engineer upon request. 14. All equipment shall be provided with permanent labels for identification. All pipe shall be labeled to indicate pipe function and direction of flow. Provide valve tags for all valves. Coordinate nomenclature and numbering with owner prior to installation. labeled. Access Panels: 15. The contractor shall furnish a bound set of operating and maintenance instructions for all equipment to the owner upon completion of project. 16. The contractor shall, at the completion of the work, clean, polish, and/or wash all exposed items of materials, equipment, and fixtures in their contract to leave such items bright and clean. The contractor shall keep the premises clear of debris from their work during construction and leave the area and building clean at completion of the contract. HVAC Equipment: 17. Mechanical and electrical equipment shall operate without objectionable noise or vibration, as determined by the engineer. If such objectionable noise or vibration should be produced and transmitted to occupied portions of the building, the contractor shall make the necessary changes to correct the noise or vibration without additional cost to the owner. Controls: 18. The contractor shall provide a complete 1-year warranty on all labor and materials under this contract. Refrigeration compressors provided under this contract shall carry the manufacturer's published 5-year non-prorated warranty. 19. The electrical contractor shall be responsible for all power connections to the equipment provided under this contract. 20. The mechanical contractor shall be responsible for all control wiring for their equipment. 21. Outside air intakes shall be located a minimum of 10 feet from all exhaust discharge and plumbing vents. Control Wiring: 22. Replace all filters just prior to acceptance by the owner. 23. Contractors and sub-contractors shall carefully review the construction documents. Information regarding the complete work is dispersed throughout the document set and cannot be accurately determined without reference to the complete document sets. 24. Route refrigerant lines from outdoor condensing units in the most direct path to the air handler. Insulate Refrigerant Piping: with foam insulation. Provide long line refrigeration kit as required. 25. Provide an auxiliary drain pan for any air conditioning equipment. Provide the auxiliary drain pan with a float switch that stops the fan upon accumulation of condensate in the pan. Locate all equipment above the ceiling so that adequate slope is provided for all drain lines. If a condensate pump is specified, extend the auxiliary drain pan under the condensate pump. Condensate drain lines in return air plenums shall be made of type 'K' copper pipe. Insulate drain lines to prevent sweating. Route condensate drains as directed on plans.

Mechanical Notes and Specifications

Materials and Equipment:

• All sheet metal ductwork, unless otherwise specified, shall be constructed of galvanized steel sheets in accordance with SMACNA gages and standards. Duct shall be constructed for 1" static pressure and sealed to SMACNA Classification "B". Insulate all ductwork, unless otherwise noted, with foil-faced 1 psf density fiberglass duct wrap. Insulation R-value shall be per the 2018 NC Energy Conservation Code. For packaged equipment, line the supply and return duct to five feet beyond first elbow downstream of the discharge and intake of the unit. Duct liner shall be 1" thick, 1.5 pound density acoustical liner.

Shall be insulated, sound attenuating, low velocity type, and shall comply with NFPA 90A and 90B. Flexible duct shall bear the UL Class 1 air duct label as tested under UL 181. Flexible duct shall be factory-formed. composed of spiral wound corrosion resistant wire bonded to an inner fabric liner. Duct shall be factory insulated with a foil vapor barrier jacket. Insulation R-value shall be per 2018 NC Energy Conservation

The installation of flex duct shall conform to the requirements of Chapter 3 of the SMACNA HVAC Duct Construction Standards, (latest edition). Bends in flexible duct shall not be less than two duct diameters centerline radius and bends shall not begin within three inches of a sheet metal connection. Duct shall not be compressed. Support duct from the structure at intervals not to exceed ten feet. Maximum permissible sag is 1/2 inch per foot of spacing between supports. Hanger or saddle material in contact with the duct shall be wide enough so that it does not reduce the internal diameter of the duct when the supported section rests on the support and in no case shall be less than 1" wide.

Use full-radius elbows or square bends with turning vanes.

 Provide locking guadrant type manual volume damper at each flexible duct runout. Provide splitter dampers at supply tees and extractors at all supply air branches. Provide balancing dampers in all ducts where required for system balancing as shown or as required.

• Provide all grilles, registers, and diffusers per the schedule on the drawings. Provide support from the structure for each diffuser and damper installed in a lay-in ceiling. Linear slot diffusers shall be constructed so that each slot may be independently configured to insure a full 180° air control pattern. The contractor shall coordinate finish styles and colors with the architect prior to ordering equipment. The backs of all air distribution shall be insulated from unconditioned space.

drawings or where required by the authority having jurisdiction. Fire dampers shall be UL labeled, Style "B" curtain type, and dynamically rated with integral factory sleeve. Blades shall be located out of the airstream for minimum airflow restriction. Installation shall be in accordance with the SMACNA Fire, Smoke and Radiation Damper Installation Guide for HVAC, (latest edition). Provide suitable access door for testing and servicing damper mechanism. Prior to completion of job, the contractor shall test each damper for proper operation and make adjustments as necessary.

• Furnish and install flexible duct connectors on supply and return connections of all air handling units.

• Furnish and install escutcheons in all places where piping or mechanical equipment penetrates a finished wall or ceiling in an exposed location.

The Mechanical Contractor shall provide smoke detectors per the 2018 NC Mechanical Code, Section 606.2.1. Smoke detectors shall be UL listed for duct installation and be located in the return airstream to shut down the supply air fan upon activation. The system shall be wired so that the fan immediately shuts down upon a signal from the detector and bypasses any built-in time delays. The mechanical contractor shall furnish, install, and wire all smoke detectors per the manufacturer's recommendations. The smoke detectors shall be capable of interconnectability for multi-fan shut down and shall be wired so that activation of any detector will shut down all supply air fans on the project. Each detector shall be provided with a visible and audible signal located to indicate general location of smoke origins per the NC Mechanical Code, Section 606. Each detector shall also be provided with a trouble signal and shall be

• The Mechanical Contractor shall provide access panels as required for access to valves, dampers, controls, or any other item installed under this contract where such item is concealed behind construction which renders the item inaccessible for service or adjustment. Said access panels or doors shall be fire rated as necessary to maintain the integrity of the construction wherein the panel or door is installed.

All equipment shall bear the UL, CSA, met or other accredited testing laboratory label where appropriate. All equipment shall conform to the type, size, rating, and performance of that listed on the drawings under this contract. Submit shop drawings per the specifications.

HVAC controls shall be as indicated on the drawings. In existing buildings, all new equipment shall be connected to the existing building control system unless otherwise noted. The mechanical contractor shall be responsible for verifying the existing building control system prior to bid and shall provide equipment compatible with the existing system. If the existing system is equipped with a graphical interface, it shall be updated as a part of this project. New sensors shall match the building standard unless otherwise noted. New equipment provided for standalone zone control systems for individual pieces of equipment shall be connected to the existing zone control system unless otherwise noted.

All control wiring shall be run in a metallic raceway. Raceway shall be routed parallel and perpendicular with the building structure. The metallic raceway may be omitted where plenum-rated cable is installed above an accessible ceiling within the building envelope. There shall be no splices in the control system wiring other than at terminal blocks. Wire nuts and crimp splices are <u>not</u> permitted.

All refrigerant piping shall be copper, sized per HVAC equipment manufacturer's recommendations. all piping shall be insulated per 2018 NC Energy Conservation Code. All insulated piping exposed to weather shall be coated with Armaflex "WB" finish or equivalent. Piping installed subject to being damaged shall be provided with UV-resistant PVC jacket.

Drawing Legend							
\boxtimes		Ceiling Supply Diffuser					
]	Ceiling Return Grille					
$\mathbf{\Sigma}$		Ceiling Exhaust Grille					
y wxh		Rectangular Duct (W = Width, H = Height)					
Ø"D		Round Duct (D = Diameter)					
у — — — — — У 		Existing Duct, Diffuser/Grille, or Equipment					
		Existing Duct, Diffuser/Grille, or Equipment to be Demolished					
		Existing Diffuser/Grille to be Relocated					
Į⊡•		Duct Tap with Transition from Hard to Flexible Duct					
		Manual Volume Damper					
[X]		Rectangular Duct Turns Down					
\bowtie		Rectangular Duct Turns Up					
\bigcirc		Round Duct Turns Down					
\odot		Round Duct Turns Up					
•		Connect to Existing					
©—		Duct Mounted Smoke Detector					
SA1 200		Diffuser Tag <u>Diffuser Type</u> CFM					
(1)		Wall Mounted Thermostat					
		Marks					
AHU	Air Har	Idling Unit					
EF	Exhaus	t Fan					
HP	Heat P	ump					
PAC	Packad	led Unit					

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General Notes:

- 1. The contractor shall comply with all requirements of the 2018 NC Mechanical Code with regards to all mechanical work.
- 2. The Mechanical Contractor shall coordinate the installation of all equipment, piping, and ductwork under this contract with the building structure. Contractor shall make adjustments where necessary without additional cost to owner.
- 3. Coordinate all supply, return, and exhaust grille locations with architectural reflected ceiling plan.
- 4. Where ducts and/or equipment are shown crossing, the larger duct or equipment shall take precedence. The contractor must provide transitions so that the smaller of the ducts is routed up and over the top of larger ducts.
- 5. The existing mechanical plan is provided as reference to general existing conditions. All exact sizes and locations should be determined by the Mechanical Contractor prior to construction. Refer to the new mechanical plan to determine scope of work.
- 6. The Mechanical Contractor shall inspect the existing ductwork prior to bid. Verify duct sizes and locations and new duct routing. Repair insulation and patch ductwork as necessary.
- Relocate existing thermostat and/or temperature sensor devices as shown on mechanical plans. Replace devices where necessary. Verify that all new and existing device locations are acceptable to owner/tenant prior to construction.
- 8. Reuse diffusers and grilles from demolition phase where possible. Clean and replace as necessary.
- 9. No new heating or cooling has been added as a part of this project. No energy code summary is required.
- 10. Insulate all new supply, return, and outside air ductwork with exterior duct wrap.

These drawings will be at the scale indicated when plotted at 24" x 36"

	Air Distribution Schedule								
Mark	Manufacturer	Model	Description	Panel Size					
SA1	Titus	TDC	Steel, Louvered, Beveled Drop Face, 4-Way	9x9					
SA2	Titus	TDC	Steel, Louvered, Beveled Drop Face, 4-Way	9x9					
SA3	Titus	TDC	Steel, Louvered, Beveled Drop Face, 4-Way	12x12					
SA4	Titus	TDC	Steel, Louvered, Beveled Drop Face, 4-Way	12x12					
SA5	Titus	TDC	Steel, Louvered, Beveled Drop Face, 4-Way	12x12					
SB1	Titus	300RS	Steel, Double Deflection, Short Front Blades, 3/4" Blade Spacing	NA					
RA1	Titus	350RL	Steel, 35° Deflection, 3/4" Blade Spacing, Parallel to Long Dimension	NA					
RA2	Titus	350RL	Steel, 35° Deflection, 3/4" Blade Spacing, Parallel to Long Dimension	NA					
RB1	Titus	350FL	Aluminum, 35° Deflection, 3/4" Blade Spacing, Parallel to Long Dimension	NA					
RA2 RB1	Titus Titus	350RL 350FL	Steel, 35° Deflection, 3/4" Blade Spacing, Parallel to Long Dimension Aluminum, 35° Deflection, 3/4" Blade Spacing, Parallel to Long Dimension	NA					

1. Verify all ceiling and wall types with architectural plans. Coordinate color with Architect. Insulate all diffusers/grilles from ceiling space. 2. Provide insulated plenum on back of diffuser/grille, the same size as the diffuser/grille connection. Provide round tap into top of plenum at size indicated on mechanical plans for flexible duct runout connection.

Existing Ground Mounted Packaged Heat Pump Schedule									
Mark	Manufacturer	Tonnage	Model	Supply Air (CFM)	Outside Air (CFM)	ESP (in. W.G.)	Fan (HP)	Volt/Ph	Remarks
PAC-1	Trane	4.0	4WCC3048A100	1600	180	0.5	3/4	208/1	1,2,3
PAC-2	Trane	3.0	2WCC3036	1050	165	0.5	1/2	208/1	1,2,3
PAC-3	Rheem	4.0	RQNA-B048JK	1400	285	0.5	3/4	208/1	1,2,3
	•		•						

1. Verify proper operation of existing packaged unit. Repair/replace as required. Rebalance to airflow indicated.

2. Provide unit with new manufacturer's manual outside air damper and balance to outside airflow indicated. 3. Provide new WiFi enabled, 7-day programmable, touchscreen thermostat.

Existing	Split S	ystem He	eat Pu	mp Sc	:h

	•				•	
Mark	Manufacturer	Tonnage	Model	Volt/Ph	MCA	
HP-1	Trane	3.5	2TWB3042	208/1	21.0	

1. Verify proper operation of existing heat pump. Repair/replace as required.

	Existing Split System Air Handling Unit Schedule											
Mark	Manufacturer	Model	SA (CFM)	OA (CFM)	ESP (In. W.G.)	Fan (HP)	Heat (KW)	Volt/Ph	MCA	MOCP	Remarks	
AHU-1	Trane	2TEC3F42	1400	120	0.5	1/2	7.2	208/1	47.0	50	1,2	

1. Verify proper operation of existing air handling unit. Repair/replace as required. Rebalance to airflow indicated. 2. Provide new WiFi enabled, 7-day programmable, touchscreen thermostat.

	Fan Schedule													
Mark	Manufacturer	Model	Service	Туре	Airflow (CFM)	ESP (in. W.G.)	Motor Size	RPM	Drive	Volt/Ph	Weight (LBS)	Remarks		
EF-1	Loren Cook	GC-146	Restroom	Ceiling Cabinet	70	0.25	35 W	900	Direct	120/1	12	1,2		
EF-2	Loren Cook	GC-128	Janitor Closet	Ceiling Cabinet	50	0.25	29 W	750	Direct	120/1	11	1,2		
EF-3	Loren Cook	GC-168	Restroom	Ceiling Cabinet	140	0.25	49 W	1100	Direct	120/1	12	1,3		
EF-4	Loren Cook	GC-168	Restroom	Ceiling Cabinet	140	0.25	49 W	1100	Direct	120/1	12	1,3		
EF-5	Loren Cook	GC-146	Restroom	Ceiling Cabinet	70	0.25	35 W	900	Direct	120/1	12	1,2		
EF-6	Loren Cook	GC-128	Supply Closet	Ceiling Cabinet	50	0.25	29 W	750	Direct	120/1	11	1,2		

1. Provide fan with backdraft damper, polystyrene grille, and hanging isolator kit to support fan from structure.

2. Fan to be controlled by wall switch provided by Electrical Contractor.

3. Fan to be wired to engage with the lights.

Туре	Neck Size	Remarks
Surface Mount	6"Ø	1
Surface Mount	8"Ø	1
Surface Mount	8"Ø	1
Surface Mount	10"Ø	1
Surface Mount	12"Ø	1
Surface Mount	10x10	1,2
Surface Mount	14x14	1,2
Surface Mount	20x20	1,2
Surface Mount	12x12	1,2

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MOCP Remarks 35 1

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Demolition Notes:

- Demolish portion of duct, runouts, and diffusers as indicated. Remaining duct shall be reused during the construction phase. Coordinate patching of any remaining openings with the General Contractor.
- 2. Demolish spin-in tap, runout, and diffuser as indicated. Patch and insulate remaining duct. Coordinate patching of any remaining openings with the General Contractor.
- Demolish portion of return duct and grilles as indicated. Coordinate patching of any remaining openings with the General Contractor. 4. Demolish heat pump and mounting pad as indicated.
 - Wall Ratings and Types Legend

See architectural sheets for more information on ratings and additional rated constructions including structure where applicable. Protect all rated constructions as required.

Existing Wall to Remain New Wall being Constructed Existing Wall being Demolished Two Hour Fire Barrier

New 1/2 Height Wall being Constructed

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Demolition Notes:

- Demolish air handling unit in attic and all associated refrigerant piping, ductwork, runouts, and diffusers/grilles as indicated. Coordinate patching of any remaining openings with the General Contractor.
- 2. Demolish runout and diffuser as indicated. Spin-in tap shall remain for reuse. Coordinate patching of any remaining openings with the General Contractor. 3. Demolish spin-in tap, runout, and diffuser/grille as indicated. Patch and insulate remaining duct. Coordinate patching of any remaining openings with the General Contractor.
- 4. Demolish return duct down through chase to crawlspace, runouts, and grilles as indicated. Coordinate patching of any remaining openings with the General Contractor.
- 5. Demolish existing exhaust fan and any associated duct. Coordinate patching of any remaining openings with the General Contractor.

Wall Ratings and Types Legend See architectural sheets for more information on ratings and additional rated constructions including structure where applicable. Protect all rated constructions as required.

Existing Wall to Remain New Wall being Constructed Existing Wall being Demolished Two Hour Fire Barrier

6. Demolish thermostat.

New 1/2 Height Wall being Constructed

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DATE Pricing Set 11.19.24 1 2 3 4 5 6 7 8 9 10 COPYRIGHT 2024 - ALL RIGHTS RESERVED PRINTED OR ELECTRONIC DRAWINGS & DOCUMENTATION MAY NOT BE REPRODUCED OR REDISTRIBUTED IN ANY WAY WITHOUT WRITTEN PERMISSION FROM TURPENTINE DESIGN ARCH PROJECT # TF-006 CRAWLSPACE PLAN - MECHANICAL M2.1 SHEET #

I Plan Notes:

Route supply/return duct up within chase to attic. Refer to "Attic Plan - Mechanical" for continuation. 2. Fire rated wall does not extend into crawlspace. Duct does not penetrate fire rating.

Wall Ratings and Types Legend

See architectural sheets for more information on ratings and additional rated constructions including structure where applicable. Protect all rated constructions as required.

Existing Wall to Remain New Wall being Constructed Existing Wall being Demolished Two Hour Fire Barrier

New 1/2 Height Wall being Constructed

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I ■ Plan Notes:

- Install ceiling mounted exhaust fan per manufacturer's installation instructions and clearances. Route exhaust duct up through attic space to new roof jack on back side of existing roof.
- Route supply/return duct down within chase to crawlspace. Refer to "Crawlspace Plan -Mechanical" for continuation.
- Route outside air duct through attic space as indicated and terminate with grille at entrance/patio ceiling.
- 4. "Public Permanent Records Room" is fire rated up to the ceiling and the ceiling is fire rated. The ductwork routes above the fire ratings and only penetrates the fire rated ceiling at the location of the diffuser and grille within the room. Provide horizontal fire damper the same size as the diffuser/grille neck.
- 5. Provide fire damper at penetration of fire rated wall within attic space.

Wall Ratings and Types Legend

See architectural sheets for more information on ratings and additional rated constructions including structure where applicable. Protect all rated constructions as required.

Existing Wall to Remain New Wall being Constructed Existing Wall being Demolished Two Hour Fire Barrier

New 1/2 Height Wall being Constructed

ar Ə	Movement	Sealant Depth	F-Rating	L Rating with Movement				
4 in.	5%	5/8 in.	1 hr	N/A				
n.	0.25 in.	5/8 in.	1 hr	N/A				

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Renovation Notes:

- 1. See architectural drawings for the extent of renovations. Locations where an existing ceiling is being raised, or a new ceiling is being installed, the contractor shall include all costs associated with relocating existing devices and systems components necessary to accommodate the installation of the new ceiling. This shall also include relocating any equipment requiring access when a new or changed ceiling does not provide access (hard ceiling).
- 2. Contractor shall field verify existing conditions prior to bid.
- 3. Reconnect circuits as shown on plans. Devices/fixtures shown to remain shall remain connected to their existing circuit. If circuit is broken during demolition, device/fixture shall be reconnected to existing circuit as necessary for complete and working system. Portions of circuits or circuits in their entirety broken during demolitions shall be removed (conductors and conduit). If the entire circuit, remove conductors and conduit back to panel, turn breaker off and mark as spare.
- 4. Existing light fixtures shown without circuits or controls are existing to remain as circuited and/or controlled. Existing fixtures shown with new circuitry or controls shall be connected and/or controlled as indicated.
- 5. If existing panel serving existing to remain equipment is demolished or relocated, the existing to remain equipment shall be reconnected to relocated or new panel as required
- 6. Clean all existing light fixtures to remain and replace defective parts as necessary for a complete and functional fixture (IE driver/ballast, battery, lens, etc). Relamp if necessary
- 7. Test all existing emergency batteries in fixtures and/or in emergency battery units in the space. Replace defective batteries.
- 8. Mount all new switches, outlets, or other electrical devices flush in existing walls. Boxes and conduit shall be concealed

GENERAL NOTES AND REQUIREMENTS.

- Workmanship shall conform to NECA installation standards including NECA 1.
- the local inspector (furnish inspection certificate). All work shall be by licensed electrical contractor.
- areas shall avoid mechanical piping, equipment, ductwork, etc.
- electrical devices required to be ADA accessible shall be mounted per ANSI 117.1 sections 308 AND 309. clearances are maintained. Installation shall fully comply with NEC 110.26 and NEC 408.18 for clearance
- requirements. patient rooms, bathrooms, playrooms and activity rooms of pediatric or similar facilities.
- working space.
- overcurrent devices and no other derating conditions exist. sizes. Minimum conductor size shall be #12.
- 12. Where branch circuit total length is greater than sixty five (65') feet from the panel, see voltage drop schedule for wire size adjustment. 13. All mounting heights indicated are given to the bottom of the device, unless noted otherwise.
- make the final connection required. 15. All light fixtures shall be supported independently of the suspended ceiling system.
- and shall include all necessary circuits to and make final connections to the equipment furnish by all suppliers. Coordinate closely with other trades
- equipment supplier and mechanical contractor, before the purchase or installation of that equipment. assuming other equipment parameters are in agreement with nameplate data.
- 20. Ground telephone equipment per NEC. If telephone service is not located within 20' of electrical service, then provide separate grounding electrode as required per NEC 800. All multiwire branch circuits shall have multipole breakers as required by NEC 210.7. 22. All circuits 100 amp and larger shall be megger tested prior to energizing. All other circuits shall be tested for
- continuity prior to energizing. Testing Requirements Dielectric absorption tests shall be performed with a 2,500 volt DC megger.
- Megger tests shall be performed at a DC voltage of 1,000 volts for 600 volt rated equipment, and at a DC voltage of 500 volts for 120-300 volt rated equipment. highest value by more than 20 percent. If all megger readings for a given circuit or feeder are above 1000-megaohms, the 20% balance requirement may be waived Continuity checks shall be performed with a low voltage DC meter, light or bell.
- be calibrated at least every 12-months.
- necessary to maintain the original appearance as well as the rating.
- 24. The contractor is responsible for properly disposing of all waste materials, demo materials and other trash. This includes but is not limited to proper disposal of mercury containing lamps, batteries, recyclable materials.
- unless otherwise specifically discussed and agreed upon in advance. 26. It is the sole responsibility of the contractor to coordinate w/ all other trades regarding voltages, loads, circuit breakers, etc. prior to beginning any work.
- Siemens and ABB. Panels shall be rated as indicated on panel schedules/ electrical riser diagram. If discrepancies are found, contact engineer immediately
- of service, and as such remain the property of the engineer. The contractor should not assume that digital files in any format will be made available during bidding or after award other than PDFs. If digital files are requested, engineer time incurred to prepare them.
- telecommunications, fire alarm, or control wiring above ceiling.
- 30. Contractor shall comply with all applicable seismic requirements of the area. 31. All underground raceway entering the building, (i.e. through a foundation wall or through the floor) shall be sealed in application and materials.
- NEC 300.19(A). 33. If existing building is equipped with a Bi-Directional Antenna system (BDA), contractor shall test the areas of
- existing system to meet the requirements of NC Fire Code section 510.
- be surface mounted to structural member and/or recessed in stud wall where possible. Coordinate with architect.
- automation shall be labeled per NEC 406.3(E).

Installation shall comply with National Electrical Code (NEC/ NFPA 70), state building code, and all requirements of The contractor shall refer to the architectural plans for floor plan dimensions and not scale these drawings. The location of all wall mounted devices, including mounting heights, shall be field verified with the architect prior to rough-in. Coordinate locations of all light fixtures with the reflected ceiling plans. Light fixtures installed in mechanical Contractor shall comply with all requirements of the 2018 NC Building Code and Accessibility Code which are applicable to this project regardless of whether all details are indicated on plans. All receptacles, switches, and other All electrical equipment shall be installed so that all code required and manufacturer recommended working/ servicing 6. All wall outlet boxes, receptacles, switches, cover plates, etc. shall be commercial grade, standard or heavy duty except where specified. Verify color/ material for all devices and cover plates prior to order. Provide label for each device identifying the circuit serving the device. Verify if label should be on inside our outside face of cover plate with building management/ tenant. All 15 and 20 amp, 125V and 250V non-locking receptacles shall be listed as tamper resistant, per NEC 406.12, when installed in the following areas: dwelling units in areas specified by NEC 210.52 and 550.13, guest rooms and suites of hotels, child care facilities, preschool and elementary education facilities, and in The electrical contractor shall coordinate any and all work with other trades involved in the project, prior to installation of electrical equipment, so as to avoid conflicts during construction and to allow for optimum maintenance and All branch circuits shall be in 3/4" minimum zinc-coated EMT, IMC, or RMC as permitted or required by the NEC. LFMC (or FMC as permitted) shall be used for final connections to equipment subject to vibration. A deduct price for MC cable may be offered for approval, where permitted by owner and NEC and conduits completely concealed from view. Schedule 40 PVC conduit may be used for underground feeders/ branch circuits or underground low voltage system conduits located below slab on grade or buried outside of the building, or in concrete block walls. PVC schedule 80 conduit may be used on the building exterior (expansion fittings may be used above grade) where permitted by code. Contractor shall include cost of painting all exposed conduits subject to public view. Conduit sizes noted on these plans are based on EMT conduit. Where other permitted raceway types are used, contractor shall adjust conduit sizes as necessary based on type of raceway used and allowable fill. Provide pull wire in all empty conduit. Junction box covers shall be permanently labeled and conduit shall be labeled every 10'. All labels shall be machine generated onto adhesive labels or tags, or engraved on plastic laminated placards or brass tags. All wire and conduit sizes are based on 75° C THHN/THWN copper conductors unless otherwise noted. All conductors, terminations larger than 30A & devices shall be rated for minimum 75°C. All conductor and conduit sizes are calculated based on installation of no more than 3 current carrying conductors per conduit, neutral(s) included. Unless otherwise noted, contractor shall not install more than 3 current carrying conductors per conduit with the following exception: up to 9 current carrying conductors may be used in a single raceway where permitted by the NEC when minimum #12 AWG (THHN 90°c) is used and when all included circuits are protected upstream by 20 amp 10. All conductors shall be copper type THHN, or XHHW, solid for #10 AWG or #12 AWG, and stranded for all larger

11. Conduits and cables shall be concealed wherever possible by either routing above ceiling, in interstitial spaces or running exposed in unfinished spaces where possible. Conduits may be run exposed in mechanical areas or other areas not subject to public view where approved by the owner. Wherever conduits or cables are approved to be exposed, conduits and cables shall be run parallel or perpendicular to structural elements and shall be run and bundled in groups, and the installation shall be neat and orderly. Even when exposed, conduits and cables shall be routed to minimize view from personnel. Seal all penetrations air tight around all conduits passing through walls or floors. Escutcheon plates shall be used when passing through walls that are visible to the public. Use appropriate penetration protection when conduit passes into or through rated assemblies.

14. Where used in these documents, the word "provide" shall mean to furnish and install the item or equipment as well as

16. The electrical contractor shall provide all necessary disconnects, switches, receptacles, etc. under the electrical bid

17. All breakers, disconnect switches, and fuses sizes, indicated for mechanical equipment, shall be verified with 18. All disconnect switches are to be fusible type. Fuses shall be the appropriate type for the load served by Bussmann or equal. Unless unsuitable, fuses rated 1200A or higher shall be Class L, fast-acting, and shall have a clearing time of 0.07 seconds at the available fault current per NEC 240.67. Submit fuse trip curves along with available fault current at the service entrance for engineer verification prior to beginning work or ordering equipment. The contractor shall compare all installed equipment nameplate information with the electrical plans/ schedules and notify the engineer immediately of any discrepancies. The contractor shall coordinate all fuse sizes with actual installed equipment nameplate information prior to purchasing or installing fuses. Where the nameplate information does not indicate an overcurrent protection size or maximum ampacity rating, fuses shall be installed per the electrical plans 19. Provide grounding conductor for all circuits per NEC. Building ground shall meet all requirements of NEC 250.

The megger test shall be performed between each pair of conductors and from each conductor to ground. Each test shall be performed for 15 seconds or until the insulation resistance value stabilizes. The insulation resistance between conductors, and from each conductor to ground, shall be 25 megaohms (120-300V) or 100 megaohms (600V) minimum in one minute or less. In addition, the lowest insulation resistance value shall not differ from the

The resistance to ground shall be measured using either the three point method or the fall-of potential method. Test instruments shall be calibrated to national standards to insure accuracy of tests. These calibration reports shall be made available to the Owner when requested. Depending upon frequency of use, the instruments shall

23. The electrical contractor shall patch any wall, ceiling, or floor opening (or penetration) resulting from demolition or new work in existing areas. Any rated constructions or assemblies affected shall be patched, protected and refinished as

25. Contractor shall provide engineer with shop drawings/ submittal data for lights, switchgear/ panels, floor boxes, fire alarm devices, and any other products deemed necessary for review. Provide these in editable PDF format via email through project manager, GC, architect or other proper channel. Expected review duration, and industry standard, is 2 weeks from date of receipt by engineer. All submissions should include and acknowledge this review duration

27. All switchgear/ panels shall be commercial grade from a reputable national manufacturer such as Square D, Eaton,

28. Engineer has reserved the right to choose the software package(s) deemed most efficient to deliver these plans for permitting, bid, and construction. Engineer considers any other digital files created during this process as instruments

reserves the right to selectively provide them when available and/or may request additional considerations for the 29. Contractor shall verify all areas that are used as a return plenum with mechanical contractor and provide plenum

rated cable for all cables not run in metal conduit. PVC is not allowed in plenum space. This "cable" includes all

accordance with NEC 225.27 and 300.5(F). Raceway seals and sealants shall be approved and listed for the specific

32. Contractor shall provide support bushings/conduit stops for vertical branch circuits and feeders where required per

construction before and after construction activities per NC Fire Code section 510.6.1 and possibly supplement the 34. Electrical boxes, conduit, and wiring shall not be recessed into or penetrate structural members. Boxes/conduits shall

35. All equipment associated with or connected to the electrical, fire alarm or data systems or otherwise included in the drawings/ scope of work shall be listed and labeled by a third party that is acceptable to the AHJ. 36. All non-locking type 125 volt, 15 and 20 amp receptacles that are controlled by an automatic control device or that

incorporate control features that remove power from the outlet for the purpose of energy management or building

A	above- indicates a device is to be mounted with the bottom of box 2" above back splash unless noted otherwise.
AFF	above finished floor
AG	combination of 'A' and 'GFCI' (above counter and ground fault circuit interrupter)
ARCH	architect
С	ceiling- indicates a device is to be mounted in flush ceiling tile.
EC	electrical contractor
EX	existing
EXT	exterior
FA	fire alarm
FURN	furniture
G	GFCI- indicates a device with integral ground fault circuit interrupter (GFCI) protection and/or protected by upstream GFCI outlet.
GFI/ GFIC	same as 'G'
н	horizontal orientation of device
HG	hospital grade
IG	device shall have isolated ground and will require isolated ground circuitry back to an isolated ground bar in panelboard.
JB	junction box
MC	MC cable (when referring to NEC, wiring methods, or wiring type)
MC	mechanical contractor (when not referring to NEC wiring methods or type
MECH	mechanical contractor
NTS	not to scale
ос	on center
PC	plumbing contractor
PLUMB	plumbing contractor
S	surface- indicates device is to be surface mounted.
ТР	tamper proof device per NEC 406.12
W/	with
WP	indicates a device rated for exterior use and is weatherproof or weather resistant with an approved weatherproof in-use cover.

Electrical Abbreviations

Voltage Drop S	Schedule
120 V branch circuits up to	8 amps (1.0 kVA
Distance of run in feet	Wire size

	Distant		un, in icci							
	1'	-	120'	#12						
	121'	-	190'	#10						
	191'	-	300'	#8						
	301'	-	470'	#6						
	120 V branch circuits from 8 to 14 amps (1.7 kVA)									
	Distanc	istance of run, in feet Wire size								
	1'	-	65'	#12						
	66'	-	110'	#10						
	111'	-	170'	#8						
	171'	-	270'	#6						
277 V branch circuits up to 14 amps (3.9 kVA)										
	Dictor	o of r	un in faat							

Contractor shall upsize branch circuit conductors based on load and length as indicated in schedule above. Wire sizes indicated in general notes and schedules are minimum wire sizes and shall be adjusted for length.

#12

#10

#8

#6

1' - 160'

161' - 250'

251' - 390'

391' - 620'

	Symbols shown below are indicative of new devices. See Line	etype Legend for distinction of existing and demolition devices.
	Floor Plans	
+	Home run to panel/ branch circuit connection- short cross line(s) represent phase conductor(s) (hot), long cross line(s) represent grounded conductor(s) (neutral), equipment grounding conductor (ground) required but not shown. Minimum size per NEC requirements based on circuit breaker / schedule / voltage drop	Overhead fixture unless otherwise noted schedule
	table.	Downlight / pendant style fixture. See fix
All duplex	and quad receptacles shall be NEMA 5-20R unless otherwise noted.	
ᢗᆕ ╋ ╋	Duplex receptacle Power receptacle Quad receptacle 16" AFF or as otherwise noted Isolated ground Pouplex receptacle	Slash or shading indicates fixture connects switch/controls and to operate as night light be on 24/7 unless otherwise noted)
⊖= USB	16" AFF or as otherwise noted. Duplex receptacle with (2) USB ports. Nema 5-20R Duplex Cooper TR7756 or equal.	Exit sign, faces and arrows as indicated schedule.
\bigtriangledown	Telecommunications wall outlet - 16" AFF or as noted (run 3/4" EMT to accessible point above ceiling.) Provide pull wire. Outlet/devices, bushings, and cables provided by tenant/ cabling	Emergency wallpack fixture. See fixture
	contractor.	Combo emergency / exit lixiture. See lix
⊲ AV	AV wall outlet - 16" AFF or as noted (run 1 1/4" EMT to floor box) Provide pull wire, bushings, and faceplate as necessary. Cables provided by tenant/ cabling contractor.	→¤ Wall sconce/ mount fixture. See fixture = ↓ Flood_light/ track head style fixture. See
-O	Card reader- verify mounting height with tenant prior to beginning work. Stub 3/4" EMT to above ceiling with pull wire. Outlet/device and all low voltage wiring by tenant/security contractor. Coordinate with tenant/security contractor.	Pole mounted fixture. See fixture sched
	Junction box	Detail Sheets
Ø	Telephone backboard - 4'x8'x3/4" fire-treated plywood. Pull #6 ground wire and terminate with 1/4" x 2" x 12" ground bar with holes every 1". Mount to backboard with stand-off insulators.	P
	Electrical panel	Electrical panelboard
\triangleleft	Step-down transformer	Main breaker or minimum ampacity
	Electrical disconnect	Meter in meter base
≥ ₽	Motor rated switch	
All lighting	g control switches shall be mounted at 44" AFF unless otherwise noted. (All motion sensors shall be set to 30 minute delay)	CT cabinet
\$	Single pole switch	Frame size/ number of poles
∞	Dimmer switch (slide type) appropriate for load served. 3-way switching capable. All dimmers shall match in appearance regardless of dimming technology. Forward Phase: Leviton #IPI10-1LZ Reverse Phase: Leviton #IPE04-1LZ	Fusible disconnect, frame and fuse size as indicated or noted.
କ୍	0-10V: Leviton #IP710-D02 3-way wall switch	T1 - Transformer designation
4	4-way wall switch	
¢s ^D	Line voltage motion-sensing Dual Technology switch. Sensorworx #SWX-121	I ransformer, size and designation as Primary voltage as noted in panel scl primary feed. Secondary voltage as
s S	switch. Sensorworx #SWX-121-D	
	To be connected as double switch control.	
*** **	fixture for bi-level switching, step dimming or similar.)	Service ground
⊲ ¶ S2	Low voltage wall/ceiling mounted motion sensor. Sensorworx #SWX-421. Mount on wall at 10' AFF where ceilings are not present or are over 10' AFF. Mount to ceiling where ceilings are 10' AFF or lower.	<u></u>
PP	120/277V to 24V power pack. Sensorworx #SWX-900-AX	Linetypes
? S2	Low voltage 360° ceiling mounted motion Dual Technology sensor. Sensorworx #SWX-222-1	New device unless otherwise noted
ি S4	Low voltage 360° ceiling mounted motion sensor PIR sensor. Sensorworx #SWX-201-1	Existing device to remain

Flush wood floor box - Legrand #CRFB2 w/ flush round cover Ð #6CT2** (verify color with architect/ tenant prior to order). Provide 2 duplex receptacles plates. Provide 3/4" conduit for power to above accessible ceiling of tenant space. Provide pull wire and bushing. Contractor shall verify all floor outlet locations w/ tenant prior to rough-in/order.

Flush wood floor box - Legrand #CRFB4 w/ flush round cover O F1 #8CT2** (verify color with architect/ tenant prior to order). Provide 2 duplex receptacles plates. Provide 3/4" conduit for power and 1 1/4" conduit for shared data/AV to above accessible ceiling of tenant space. Provide pull wire and bushing. Contractor shall verify all floor outlet locations w/ tenant prior to rough-in/order.

Electrical Legend

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STANTONSBURG **TOWN HALL**

312 S. MAIN ST., STANTONSBURG, NC 27833

These drawings will be at the scale indicated when plotted at 24" x 36"

SHEET #

EO.2

Demolition Note:

The existing locations shown on demo plan to be removed or relocated are for reference only and shall be field verified by contractor prior to beginning work. Any items required to be removed or relocated shall be included in contractor's cost, whether shown on this plan or not. Unless noted otherwise, where a device or fixture is noted to be demolished, the work shall include removing all associated boxes, conduits, hangers, conductors, cables etc. and shall include any patch, repair, paint or refinishing necessary to restore the location to match the surroundings. The contractor may reuse any existing conductors, boxes etc. where they have been inspected and are determined to be acceptable to the owner and/or in like-new condition.

Plan Notes:

. Mechanical contractor is removing the existing unit. Electrical contractor shall remove branch circuitry and conduit back to existing junction box and label for possible reuse. Coordinate with mechanical.

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SHEET #

Wall Ratings and Types Legend

See architectural sheets for more information on ratings and additional rated constructions including structure where applicable. Protect all rated constructions as required.

Existing Wall to Remain New Wall being Constructed — New 1/2 Height Wall being Constructed

Two Hour Fire Barrier

These drawings will be at the scale indicated when plotted at 24" x 36"

E1.1

Sheet Notes:

- All electrical boxes mounted in rated walls shall comply with all requirements of the 2018 NCSBC, section 714.3.2. All electrical boxes mounted in rated ceilings/horizontal assemblies shall comply with all requirements of the 2018 NCSBC, section 714.4.2. Devices shown in rated assemblies shall be flush with conduit concealed, unless otherwise indicated. Provide rated boxes, horizontal separation, putty pads, etc. as required for proper installation. Low voltage electrical devices mounted in rated assemblies shall be protected in accordance with the sections listed above as well.
- Individual branch circuits are shown with a dedicated neutral unless otherwise noted. When multi-wire branch circuits are to be installed, provide multi-pole circuit breakers as required. NEC 210.7
- See voltage drop schedule for wire sizing information for all branch circuits over 65' in length.
- All receptacles within 6 feet from the outside edge of any sink shall be GFCI. NEC 210.8(B)(5). All GFCI trip-reset receptacles shall be readily accessible. NEC 210.8. Provide line item price for replacing existing to remain outlets and cover plates with new to match other new devices.

Plan Notes:

- . Flush floor box for power and data. Verify exact location with architect/furniture vendor prior to rough-in. See legend for specification. Typical for all floor boxes.
- 2. Flush floor box for power and data. Floor box shall be located in the floor at a distance not less than 6' from any fixed wall to comply with NEC 210.65. verify exact location w/ architect prior to rough-in. typical for all floor boxes. See legend for specification. 3. Provide motor switch for dishwasher connection in adjacent base cabinet under sink.
- Coordinate exact requirements with equipment supplier. 4. Junction box for automatic sensors for urinal/sink. Connect to circuit 'A-12'. Typical.
- Verify location prior to beginning work. Connect as required. 5. Provide 6x6 NEMA junction box under console for AV. Coordinate exact location and requirements with IT personnel.
- 6. Provide 2" conduit from 6x6 junction box to accessible point in attic space for AV. Provide pull wire.
- 7. Provide junction box for exterior mounted camera with 3/4" conduit to accessible point in attic space. Provide pull wire. Coordinate exact requirements and location with security contractor.
- 8. Provide 1 1/4" conduit to accessible point in attic space for AV. Provide pull wire.
- 9. Provide 1 1/4" conduit from floor box to AV junction box behind TV. Provide pull wire. 10. Provide data on wall for telephone. Coordinate exact location with architect/tenant prior
- to rough-in. Provide pull wire. 11. Flush floor box for power. Floor box shall be located in the floor at a distance not less than 6' from any fixed wall to comply with NEC 210.65. verify exact location w/ architect prior to rough-in. typical for all floor boxes. See legend for specification.
- 12. Card reader, location shown for coordination purposes only. Security contractor will fish the existing wall.
- 13. Card reader. Stub 3/4" EMT to an accessible point above ceiling (secure side). Verify mounting height with architect/tenant prior to rough-in. Provide pull wire. All security wiring by tenant.
- 14. Connect electric water heater as required. Coordinate with plumbing.
- 15. Connect exhaust fans controlled by wall switch as required. Coordinate with mechanical.
- 16. Mechanical contractor is removing the existing unit. Electrical contractor shall remove branch circuitry and conduit back to existing junction box and label for possible reuse. Coordinate with mechanical.

Wall Ratings and Types Legend

See architectural sheets for more information on ratings and additional rated constructions including structure where applicable. Protect all rated constructions as required.

Existing Wall to Remain New Wall being Constructed New 1/2 Height Wall being Constructed

Two Hour Fire Barrier

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ARCH PROJECT #

SHEET #

🔨 DESCRIPTION

Pricing Set

FLOOR PLAN - POWER

TF-006

DATE

11.19.24

Floor Plan - Mechanical Connections /Scale: 1/8" = 1' - 0"

Sheet Notes:

- All electrical boxes mounted in rated walls shall comply with all requirements of the 2018 NCSBC, section 714.3.2. All electrical boxes mounted in rated ceilings/horizontal assemblies shall comply with all requirements of the 2018 NCSBC, section 714.4.2. Devices shown in rated assemblies shall be flush with conduit concealed, unless otherwise indicated. Provide rated boxes, horizontal separation, putty pads, etc. as required for proper installation. Low voltage electrical devices mounted in rated assemblies shall be protected in accordance with the sections listed above as well.
- Individual branch circuits are shown with a dedicated neutral unless otherwise noted. When multi-wire branch circuits are to be installed, provide multi-pole circuit breakers as required. NEC 210.7
- See voltage drop schedule for wire sizing information for all branch circuits over 65' in length.
- All receptacles within 6 feet from the outside edge of any sink shall be GFCI. NEC 210.8(B)(5). All GFCI trip-reset receptacles shall be readily accessible. NEC 210.8. • Provide line item price for replacing existing to remain outlets and cover plates with new to match other new devices.

Plan Notes:

- 1. Flush floor box for power and data. Verify exact location with architect/furniture vendor prior to rough-in. See legend for specification. Typical for all floor boxes.
- 2. Flush floor box for power and data. Floor box shall be located in the floor at a distance not less than 6' from any fixed wall to comply with NEC 210.65. verify exact location w/ architect prior to rough-in. typical for all floor boxes. See legend for specification. 3. Provide motor switch for dishwasher connection in adjacent base cabinet under sink.
- Coordinate exact requirements with equipment supplier. 4. Junction box for automatic sensors for urinal/sink. Connect to circuit 'A-12'. Typical.
- Verify location prior to beginning work. Connect as required. 5. Provide 6x6 NEMA junction box under console for AV. Coordinate exact location and requirements with IT personnel.
- 6. Provide 2" conduit from 6x6 junction box to accessible point in attic space for AV. Provide pull wire.
- 7. Provide junction box for exterior mounted camera with 3/4" conduit to accessible point in attic space. Provide pull wire. Coordinate exact requirements and location with security contractor.
- 8. Provide 1 1/4" conduit to accessible point in attic space for AV. Provide pull wire.
- 9. Provide 1 1/4" conduit from floor box to AV junction box behind TV. Provide pull wire. 10. Provide data on wall for telephone. Coordinate exact location with architect/tenant prior
- to rough-in. Provide pull wire. 11. Flush floor box for power. Floor box shall be located in the floor at a distance not less than 6' from any fixed wall to comply with NEC 210.65. verify exact location w/ architect prior to rough-in. typical for all floor boxes. See legend for specification.
- 12. Card reader, location shown for coordination purposes only. Security contractor will fish the existing wall.
- 13. Card reader. Stub 3/4" EMT to an accessible point above ceiling (secure side). Verify mounting height with architect/tenant prior to rough-in. Provide pull wire. All security wiring by tenant.
- 14. Connect electric water heater as required. Coordinate with plumbing.
- 15. Connect exhaust fans controlled by wall switch as required. Coordinate with mechanical.
- 16. Mechanical contractor is removing the existing unit. Electrical contractor shall remove branch circuitry and conduit back to existing junction box and label for possible reuse. Coordinate with mechanical.

Wall Ratings and Types Legend

See architectural sheets for more information on ratings and additional rated constructions including structure where applicable. Protect all rated constructions as required.

Existing Wall to Remain New Wall being Constructed New 1/2 Height Wall being Constructed

Two Hour Fire Barrier

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DATE

Demolition Note:

The existing locations shown on demo plan to be removed or relocated are for reference only and shall be field verified by contractor prior to beginning work. Any items required to be removed or relocated shall be included in contractor's cost, whether shown on this plan or not. Unless noted otherwise, where a device or fixture is noted to be demolished, the work shall include removing all associated boxes, conduits, hangers, conductors, cables etc. and shall include any patch, repair, paint or refinishing necessary to restore the location to match the surroundings. The contractor may reuse any existing conductors, boxes etc. where they have been inspected and are determined to be acceptable to the owner and/or in like-new condition.

Wall Ratings and Types Legend

See architectural sheets for more information on ratings and additional rated constructions including structure where applicable. Protect all rated constructions as required.

Existing Wall to Remain New Wall being Constructed — New 1/2 Height Wall being Constructed

Two Hour Fire Barrier

Sheet Notes:

- All electrical boxes mounted in rated walls shall comply with all requirements of the 2018 NCSBC, section 714.3.2. All electrical boxes mounted in rated ceilings/horizontal assemblies shall comply with all requirements of the 2018 NCSBC, section 714.4.2. Devices shown in rated assemblies shall be flush with conduit concealed, unless otherwise indicated. Provide rated boxes, horizontal separation, putty pads, etc. as required for proper installation. Low voltage electrical devices mounted in rated assemblies shall be protected in accordance with the sections listed above as well.
- Connect wall packs or other normally off emergency lights, exit signs and night lights ahead of local switches and/or controls. (total fixture unswitched). Where lights are not indicated as night lights, fixtures with emergency batteries shall be connected with the battery ahead of switch so that the emergency battery comes on only in the event of power loss. Fixture is normally controlled with the other lights under normal conditions.
- See motion sensor details for specifications and wiring details. All motion sensors, new and existing, shall be set to a 30 minute time delay.
- Lighting controls including occupancy sensors, automatic time switches, automatic shut-off controls, or daylight/ occupant sensing automatic controls, the electrical contractor shall be responsible for testing the lighting controls per section C408.3 of the 2018 NC Energy Conservation Code. Ensure that control devices, components, and systems are calibrated, adjusted and operate in accordance with the approved plans and/or specifications. Sequences of operation shall be functionally tested to ensure they operate in accordance with the approved plans and/or specifications.
- Individual branch circuits are shown with a dedicated neutral unless otherwise noted. When multi-wire branch circuits are to be installed, provide multi-pole circuit breakers as required. NEC 210.7
- See voltage drop schedule for wire sizing information for all branch circuits over 65' in length.
- Contractor may reuse existing emergency/ exit light, given that the device is in proper working order and it matches the established standard for the space. Replace chevrons and rotate as shown on plans.
- Contractor shall combine all switches under common cover plate with all other switches.

Plan Notes:

- Connect emergency and exit lights ahead of local switch/controls so that total fixture is unswitched. Connect as required. Typical.
- 2. Existing emergency and/or exit light to remain. Confirm proper operation and replace if necessary. Provide line item price for replacement in base bid in the case that replacement is necessary. Typical.
- 3. Motion sensor to control all lights in this room. See motion sensor wiring diagrams. Provide required power packs to control all lights with override off switches as shown.
- 4. Each fixture should be centered under the individual cabinet and all fixtures shall be same distance off of the wall. Connect as required.
- 5. Intercept existing homerun and run through lighting control panel and connect to circuit 'G-23'. Extend existing conductors and conduit as necessary.
- 6. Connect to circuit 'G-21' with other lights on the generator as required.

See architectural sheets for more information on ratings and additional rated constructions including structure where applicable. Protect all rated constructions as required.

Existing Wall to Remain New Wall being Constructed New 1/2 Height Wall being Constructed

Two Hour Fire Barrier

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E2.2

Panel: A Enclosure: NEMA 1			Voltage: Poles: Phase:		120/208 40 3			Panel Bus Rating: Main Rating: Fed From:	225 Amp Bus 200/3 Main Breaker Utility		Panel: B
Mounting: Surface			Wires:		4			Manufacture:	Square D Load center		Mounting: Surface
Load Type	kVA	Breaker Size		ø		Breaker Size	kVA	Load	d Type		Load Ty
Office 119 &117 Recs	1.0	20/1	1	Α	2	20/1	1.0	Conferen	ce 122 Recs		Ex. Attic Fans/A
Office 105 & 104 Recs	1.8	20/1	3	В	4	20/1	1.0	Office	116 Recs		Spare
EWC	0.7	20/1	5	С	6	20/1	1.4	General C	orridor Recs		Spare
Ex. Outside Sign	1.0	20/1	7	Α	8	20/1	1.2	Storage 114	& Rm 111 Recs		Spare
Police Dept. Printer	1.1	20/1	9	В	10	20/1	0.6	Bathroor	n GFI Recs	L	Spare
Evid. Rm 110 & Public Saftey Rm Recs	1.4	20/1	11	С	12	20/1	1.2	Automat	ic Sensors	L	Spare
EWH	2.3	30/2	13	A	14	20/1		Sp	oare	Ļ	Not Usable S
	2.2		15	В	16	20/1	0.5	Hallway	Furniture	Ļ	Not Usable s
EF 1-6	0.6	20/1	17	С	18	100/2		Sp Sp	bare		Spare
Office 106 & 107 Recs	1.6	20/1	19	Α	20				1	-	Not Llooplo (
Spare		20/1	21	B	22	20/1		Sp	oare	-	Not Usable 3
Ex. AHU-1	8.3	100/2	23	C	24	20/1(P)		Sp	bare	-	Not Usable C
	8.3	00///D	25	A	26	20/1		Sp	bare	ŀ	Spare
Spare		20/1(P)	27	В	28	100/2		S	bare	-	Spare
Spare		20/1(P)	29	C	30					ŀ	Spare
Space			31	A	32			5	Dace	H	Spare
Space			33	В	34			Sr Sr		-	Ex Sump E
Space			30	Δ	38			Sr		ŀ	Spare
Space			39	R	40			Sr	pace	ŀ	Spare
			Demand L	oad	Summa	ry:				-	
Lighting:kVA@ 125%kVALargest Motor:kVA@ 125%kVAGen Receptacles:11.5kVADiversified11.0Kitchen Equipment:kVADiversifiedkVAAll Other:25.7kVA@ 100%25.7					Phase A: 16.4 kVA 136.7 Amps Phase B: 6.7 kVA 55.4 Amps Phase C: 13.6 kVA 113.3 Amps Total Panel Load: 36.7 kVA 101.7 Amps						Lighting: _ Largest Motor: _ Gen Receptacles: _ Kitchen Equipment: _ All Other: _
UL SE rated X Separate Neutral Bar X Ground bar	Fee X Exis	d thru lugs ting Panel		1. A	ll breake	rs shall ma	atch exi	isting AIC.		-	UL SE rated X Separate Neutr X Ground bar

1			Voltage: Poles: Phase: Wires:		120/208 40 3 4			Panel Bus Rating: 225 Amp Bus Main Rating: 200/3 Main Breaker Fed From: Utility Manufacture: Square D NQ
ре	kVA	Breaker Size		ø		Breaker Size	kVA	Load Type
ttic Recs.	0.4	20/1	1	Α	2	20/1		Spare
		20/1	3	В	4	20/1		Spare
		20/1	5	С	6	20/1		Spare
		20/1	7	Α	8	20/1		Spare
		20/1	9	В	10	20/1		Spare
		20/1	11	С	12	20/1		Spare
Space			13	A	14	100/2	8.3	Ex. PAC Unit
Space			15	В	16		8.3	1
		30/2	17	С	18	30/2		Spare
			19	Α	20			
Space			21	В	22	100/2	8.3	Ex. PAC Unit
Space			23	С	24		8.3	
		20/1	25	Α	26	20/1		Spare
		20/1	27	В	28	20/1		Spare
		15/1(G)	29	С	30	20/1		Spare
		20/1	31	Α	32	30/2	2.5	Ex. HP-1
		20/1	33	В	34		2.5	
ump	0.5	15/1(G)	35	С	36	30/2	2.5	Ex. PAC Unit
		20/1	37	Α	38		2.5	
		20/1	39	В	40	15/1		Spare
			Demand L	oad	l Summai	ry:		
kVA	@ 125%		kVA			Phase A:	13	3.7 kVA <u>114.2</u> Amps
kVA	@ 125%		kVA			Phase B:	19	0.1 kVA 159.2 Amps
kVA	Diversified		kVA			Phase C:	11	1.3 kVA 94.2 Amps
44.1 kVA	Diversified @ 100%	44.1	kVA kVA		Total Pa	inel Load:	44	4. <u>1</u> kVA <u>122.4</u> Amps
al Bar	Feed X Exist	l thru lugs ting Panel		1. A	All breaker	rs shall ma	atch exi	isting AIC.

Panel: G			Voltage: Poles:		120/208 42			Panel Bus Mair	Rating: Rating: 20
Enclosure: NEMA 1			Phase:	3				Fe	d From:
Mounting: Surface			Wires:	4				Manu	facture:
Load Type	kVA	Breaker		ø		Breaker	kVA		Load 1
Utility Closet 115 Rec	1.0	20/1	1	Δ	2	20/1(G)	10	Bre	akroom 113
Utility Closet 115 Rec	1.0	20/1	3	B	4	20/1	1.0	Brea	akroom 113
Utility Closet 115 Rec	1.0	20/1	5	C	6	20/1	10	Brea	akroom 113
Utility Closet 115 Rec	1.0	20/1	7	A	8	20/1(G)	1.0	Bre	akroom 103
Utility Closet 115 Rec	1.0	20/1	9	В	10	20/1	1.0	Brea	akroom 103
Utility Closet 115 Quad	1.0	20/1	11	С	12	20/1	1.0	Brea	akroom 103
Council Room Recs	0.8	20/1	13	A	14	20/1	1.0	Brea	akroom 103
Council Room Floor Boxes	1.6	20/1	15	В	16	20/1	1.0	Brea	akroom 103
Council Room Recs	1.0	20/1	17	С	18	20/1	1.1		Bill Pay Are
General Recs Lobby	1.0	20/1	19	Α	20	20/1	0.6		Bill Pay Are
Lts Council Rm, Lobby, BRs, Utility	1.7	20/1	21	В	22	20/1			Spac
Exterior Lights	1.0	20/1	23	С	24	20/1			Spac
Space		20/1	25	Α	26	20/1			Space
Space		20/1	27	В	28	20/1			Space
Space		20/1	29	С	30	20/1			Space
Space		20/1	31	Α	32	20/1			Spac
Space		20/1	33	В	34	20/1			Spac
Space		20/1	35	С	36	20/1			Spac
Space		20/1	37	Α	38	20/1			Spac
Space		20/1	39	В	40	20/1			Spac
Space		20/1	41	С	42	20/1			Spac
		[Demand L	oad	Summa	ry:			
Liahtina: 2.7 kVA @) 125%	3.4	kVA			Phase A:		6.6 kVA	55.0 A
Largest Motor: kVA	0 125%	-	kVA			Phase B:		7.7 kVA	64.4 A
Gen Receptacles: 15.4 kVA D	iversified	13.1	kVA			Phase C:	1	6.9 kVA	57.1 A
Kitchen Equipment: kVA D	d	kVA		Total Pa	anel Load:	2	1.2 kVA	58.8 A	
All Other: 4.7 kVA @	0 100%	4.7	kVA						
UL SE rated	Feed	d thru lugs		1. A	II breake	rs shall be	10,000) AIC.	
X Separate Neutral Bar X Ground bar	Exis	ting Panel							

Demand Loads										
Load Type		Load								
Lights (@ 125%)		3.3	KVA							
Receptacles and Miscellaneous		-	KVA							
Electric Water Heater		4.5	KVA							
Fans		0.6	KVA							
	Total:	-	KVA							
x AMPS @ 208V/480V/3Ø										

mps mps mps

Panel Schedule Notes (All Panels, All Sheets):

- All panel directories shall be completed in accordance with NEC 408.4. 2. Values for demand loads include all code factors such as 125% for continuous loads, 125% largest motor, etc.
- Breaker sizes shown in panel schedules for new equipment are for reference only, see equipment connection schedule for additional information. Where breaker / fuse size between schedules conflict, the equipment connection schedule shall take precedence. Contractor shall ultimately confirm breaker size with equipment provider
- 4. Circuit breakers used as overcurrent protection for HVAC equipment shall be "HACR" type.
- Contractor shall provide identification for new feeders and any new branch circuits per NEC 200.6, 210.5, and 215.12.
- Contractor shall label breakers feeding emergency and exit lighting per NEC 700.12(F). Spare circuits found or created during demolition shall be labeled at the
- junction box or demolished back to the panel, panel directory shall be updated, and breaker set to the off position.
- 8. Provide arc flash hazard warning labels as required on all panels affected by this work to comply with NEC 110.16. 9. Where circuit breakers or fuses are noted to be series rated, the
- equipment shall be listed per NEC 110.22 as applicable. Tested series combination systems, the placard shall state the following "Caution -Series Combination System Rated _____ Amperes. Identified Replacement Components Required." See NEC 110.22(b) , for engineered series combination systems placarding language.
- 10. Bolded text indicates a new or changed breaker, label, load on an existing panel. Bolded breakers are new or relocated breakers to location shown. 11. Contractor shall provide handle ties as required for cubicle circuits per
- NEC 605.7. 12. New circuits in locations determined to be spare or space based on panel
- directories and other available information from site visit or existing plans. Contractor shall confirm that placement shown does not interfere with existing circuits necessary to remain. Confirm available circuits based on new and demo plans and contact engineer with conflicts.
- 13. Breakers indicated as (L) shall have a breaker lock provided. 20/1(L) means a 20 amp single pole breaker with lock. Breaker lock shall be accessible from outside of panel and shall not require the removal of panel cover in order to reset the breaker.
- 14. Breakers indicated as (G) shall have GFCI protection provided. 20/1(G) means a 20 amp single pole breaker with GFCI protection.

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Riser Key Notes:

- Existing 200A conductors and conduit to remain.

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				Equ	ipment	Conn	ectio	n Sche	edule	•				
Tag	Callout	Furnished By	kVA	HP	Voltage	FLA	MCA	Disconnect Size	Provided By	Nema Configuration	Fuse/Breaker Size	Feeder Size	Ground Size	Conduit Size
EF-1	Exhaust Fan	Mechanical	0.1	-	120/1	0.8	-	\$ ≊	Elec	1	15/1	2-#12	1-#12	3/4"
EF-2	Exhaust Fan	Mechanical	0.1	-	120/1	0.8	-	× \$	Elec	1	15/1	2-#12	1-#12	3/4"
EF-3	Exhaust Fan	Mechanical	0.1	-	120/1	0.8	-	s S	Elec	1	15/1	2-#12	1-#12	3/4"
EF-4	Exhaust Fan	Mechanical	0.1	-	120/1	0.8	-	×	Elec	1	15/1	2-#12	1-#12	3/4"
EF-5	Exhaust Fan	Mechanical	0.1	-	120/1	0.8	-	\$ ₹	Elec	1	15/1	2-#12	1-#12	3/4"
EF-6	Exhaust Fan	Mechanical	0.1	-	120/1	0.8	-	×	Elec	1	15/1	2-#12	1-#12	3/4"
EWH	Electric Water Heater	Plumbing	4.5	-	208/1	21.6	-	30/2	Elec	1	30/2	3-#10	1-#10	3/4"

Breaker sizes for all equipment sized at MOCP where applicable.

All disconnects for equipment shall be of fusible type and shall be fused as indicated.

Light Fixture Schedule

Mark	Manufacturer	Fixture Description	Voltage	Driver Type	Lamp Type/Quantity	Total Wattage
XD1	Existing Fixture to be Demolished	6' LED Can	120/1	1- LED	Verify	Verify
XD2	Existing Fixture to be Demolished	8' Vapor tight Fluorescent	120/1	1- Electronic	4-F32T8	128
XD3	Existing Fixture to be Demolished	Wall Sconce	120/1	1- Electronic	2-E17	36
XD4	Existing Fixture to be Demolished	Surface Mounted 1x4	120/1	1- Electronic	4-F32T8	128
XD5	Existing Fixture to be Demolished	Surface Mounted 1x4	120/1	1- Electronic	2-F32T8	64
	Existing Fixture to be Demolished	Surface Mounted Can	120/1	1- Electronic	Verify	Verify
	Existing Fixture to be Demolished		120/1			Verify
	Existing Fixture to be Demolished		120/1		Jorifu	Verify
XD10		Exterior Wall Sconce	120/1	1- Electronic	Verily	Verily
XD11	Existing Fixture to be Demolished	Exterior	120/1	1- Electronic	Verity	Verify
XD12	Existing Fixture to be Demolished	3-Lamp Wall Sconce	120/1	1- Electronic	3-E17	54
XD13	Existing Fixture to be Demolished	Keyless	120/1	1- Electronic	1-E17	18
XD14	Existing Fixture to be Demolished	Wall Sconce	120/1	1- Electronic	1-E17	18
XD15	Existing Fixture to be Demolished	Surface Mounted Can	120/1	1- Electronic	Verify	Verify
XR5	Existing Fixture to Remain	Surface Mounted 1x4	120/1	1- Electronic	2-F32T8	64
XR16	Existing Fixture to Remain	Exterior Surface Mounted Lights	120/1	1- Electronic	Verify	60
XM1	Existing Fixture to be Moved	6" I ED Can	120/1	1-I FD Driver	Verifv	16
,	5		120/1		, , , , , , , , , , , , , , , , , , ,	
NY1	New Location of Existing Fixture	6" I ED Cap	120/1		Verify	16
		0 EED Call	120/1		Vonny	10
•			400/4			0.4
A	Nova Fiex #DES-LED-SVVH-24-3.0-IP20-30-96		120/1	1-LED Driver	1-LED	24
A1	Nova Flex #DES-LED-SWH-24-3.0-IP20-30-38	LED Tape	120/1	1-LED Driver	1-LED	14
В	Elite Lighting #HH6-LED-1200L-DIM10-30K-WD-	6" LED Recessed Downlight	120/1	1-LED Driver	1200 Lumen LED	12
	90-HH6-6501-^-^					
С	Visual Comfort & Co. #EF1003MWT	Surface Mounted LED	120/1	1-LED Driver	3-Screw-In LED	24
	Caranat #LS					
D	WET-4-30-HIGH-IINV-DB-*-SM-SD-NA-NA-*	Exterior Surface Mounted Linear LED	120/1	1-LED Driver	Light Engine	40
F	Visual Comfort & Co. #77064EN3-848	Decorative LED Pendant	120/1		2-Screw-In LED	18
1			120/1		3-Screw-In LED	10
Н	Visual Comfort & Co. #OL15402TXB	Decorative Exterior Wall Sconce	120/1	1-LED Driver	E12 base	24
к	Elite Lighting #OWS-FC-202-LED-5000L/7000L/10000L- DIM10-MVOI T-30K/40K/50K-*	Exterior Wall pack	120/1	1-LED Driver	1-LED	100
W	Visual Comfort & Co. #4559293S-848	Decorative Wall Sconce	120/1	1-LED Driver	1-LED	25
			100/1		1-Screw-In-	
W2	Visual Comfort & Co. #GLV1041SB	Decorative Wall Sconce	120/1	1-LED Driver	Candelabra T8	8
W4	Visual Comfort & Co. #SP2022HAB-L	Decorative Wall Sconce	120/1	1-LED Driver	1-Screw-In LED E12 base	8
RW1		Linear Wall Wash	120/1	1-LED Driver	1-LED	37
	#ESRLWWU-96-38-930-F-AJES-D	Two Light Linear Dondont	400/4		2-Screw-In-	40
P1	Visual Comfort & Co. #10B5455AG-L		120/1	1-LED Driver	Candelabra E12	16
EM	Isolite #BLIG_3W/_WH_SD	Emergency Wallpack (w/ Battery)	120/277/1			
			120/27771			
	Now To Match Building Standard (Similar to Lithonia					
\bigotimes	FDGR or LOM) (1 Face)	Emergency Exit Light (w/ Battery)	120/277/1			
-	New To Match Building Standard (Similar to Lithonia					
${\color{black}}$	EDGR or LQM) (2 Face)	Emergency Exit Light (w/ Battery)	120/277/1			
	General Notes:		1			
1	All fixtures and components shall comply with NC Building Code 20	19 North Caroling Energy Concentration Code and	lahali ha Lil liata	d All lad drivers shall comply wit		
1.	All fixtures and components shall comply with NC Building Code, 20	718 North Carolina Energy Conservation Code and	I Shall de UL listed	a. All led drivers shall comply with	1 NEMA 410.	
2.	All new, relocated, or reswitched fixtures that utilize ballasts shall be	e provided with a luminaire disconnect where requi	red per NEC sect	ion 410.130(G). Use Ideal Powe	rPlug or equal inside fixture	e.
3.	All fixtures noted as emergency shall have emergency illumination f	unctionality as described below. Batteries must be	e rated for the env	vironment in which they are insta	lled, in all cases.	
	Interior linear LED and fluorescent fixtures shall have 1,100 lumer Otherwise future shall be previded with a full output inverter	n (minimum) output, 90 minute battery. LED and fl	uorescent downlig	ghts shall have a 500 lumen (min	imum) output, 90 minute b	attery.
	 Exterior emergency fixtures shall have an integral exterior rated (0))° F) or remotely mounted 1,100 lumen (minimum)	output, 90 minute	e battery.		
	• Test switches for emergency batteries/inverter shall be integral to	the fixture/device served, unless otherwise noted.		· · · · · · · · · ·		
	 Emergency fixtures shall operate at least one lamp where multiple space in total darkness during emergency operation 	e emergency fixtures are to be installed in that area	, and shall operat	te at least two lamps where the lo	oss of a single lamp would	leave the
	 Emergency lighting design is based on fixtures lumen outputs as of 	described above. Contractor shall verify all existing	g emergency batte	eries to ensure lumen outputs ar	e as indicated and shall re	place any
	batteries rated less outlined above.	aced based on their unique output. If contractor sel	lects an alternate	fixture, they are responsible for	ensuring on overage of 1 f	oot candle is
	 Emergency lighting units with dedicated emergency heads are spa provided along the paths of egress for at least 90 minutes. 	aced based on their unique output. If contractor set	lects an alternate	fixture, they are responsible for e	ansuring an average of 1 in	Sol candle is
4		in the second attraction of the state of the second first second s		-		: ::: !!
4.	contractor shall ensure that all interior and exterior lange	ain lamps, and all lamp colors for different fixture ty os are the same color temperature.	pes and sources	shall be consistent throughout th	e space or area unless spe	ecifically noted
_						
5.	LIGHT TIXTURES INDICATED AS DIMMABLE SHAll be provide with all necess	sary components (driver, switch etc.) necessary to	acnieve 5% minin	num aimming unless another spe	entic minimum dimming lev	vei is noted.

Electrical System and Equipment: Energy Code Compliance

	Compliance Method: Prescriptive							
Total E	Total Exterior Wattage Calculation per table C405.5.1(2) Specified vs Allowed: 1,004 vs 1,340.3							
Base Site Allowand	e Zone 3	750 W						
Building Entrances	Building Entrances and Exits:							
Main Entries Other Doors Entry Canopies	30 W/LF for 6 LF 20 W/LF for 6 LF 0.40 W/SF for -7	of door width of door width 725.8 SF						
See Light Fixture	See Light Fixtures Schedule for fixture lamp type, quantity, driver, total fixture wattage and additional information.							
Engineer Statemen	ıt:							

To the best of my belief, understanding, and knowledge; the design of electrical system of this building complies with NC State Building Code and the 2018 NC Energy Conservation Code.

Name: <u>W. Jacob Taylor, PE</u>

7.

Provide rated fixtures, tenmat cover, or equivalent UL listed system to maintain floor/ceiling ratings where fixtures are installed in the membrane of a rated assembly.

Electrical System and Equipment: Energy Code Compliance

Compliance Method: Prescriptive

Total Interior Wattage Specified vs Allowed: 1,655.0 vs 4,948.6 See Exterior Lighting Summary for exterior lighting energy code calculations (if required) See Light Fixtures Schedule for interior fixture lamp type, quantity, driver, total fixture wattage and additional information.

Engineer Statement:

To the best of my belief, understanding, and knowledge; the design of electrical system of this building complies with the NC State Building Code and the 2018 NC Energy Conservation Code.

Name: <u>W. Jacob Taylor, PE</u>

Energy Code Section C406 Compliance:

This project is complying with section C406 for the energy code under the provisions of C406.2 (Reduced lighting power density). The remaining provisions are therefore not required and have not been included in this design.

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SHEET #

Sheet Notes:

- All electrical boxes mounted in rated walls shall comply with all requirements of the 2018 NCSBC, section 714.3.2. All electrical boxes mounted in rated ceilings/horizontal assemblies shall comply with all requirements of the 2018 NCSBC, section 714.4.2. Devices shown in rated assemblies shall be flush with conduit concealed, unless otherwise indicated. Provide rated boxes, horizontal separation, putty pads, etc. as required for proper installation. Low voltage electrical devices mounted in rated assemblies shall be protected in accordance with the sections listed above as well.
- The ceiling is 8'-0" AFF throughout the space. Therefore, fire alarm system has been designed based on a maximum ceiling height of 10'-0" AFF. • If new security components are part of the project, fire alarm contractor shall closely coordinate with security contractor to confirm if any relays are necessary for door

release. This shall be done prior to and included in base bid.

Plan Notes:

- . Install fire alarm control panel and smoke detector as required. See fire alarm riser diagram.
- 2. New card readers are being added. Coordinate closely with security contractor to confirm if any additional relays are necessary for door release. This shall be done prior to and included in base bid.
- 3. Provide flush fire alarm annunciator and connect as required. Maintain rating around box as required. Confirm location of annunciator with Fire Marshal prior to rough-in.
- 4. Provide Knox box at location acceptable to the Fire Marshall. Confirm exact location prior to rough- in.
- 5. Provide duct detector in return air duct and remote led indicator at structure. Connect as required. Coordinate with mechanical. Typical.
- 6. Connect tamper switches in hot box as required. Provide low voltage surge suppression for circuit.

Fire Alarm Synchronization Note:

All fire alarm devices in common sight lines must be visually synchronized and all audible fire alarm devices must be audibly synchronized for a consistent sound throughout. All cost associated with synchronization should be identified and included in any pricing or bids.

Fire Alarm Scope Note:

The scope of fire alarm work for this project is to add new notification and/or initiating devices as indicated on plan to provide code required coverage for the tenant space. The new system utilizes horn/strobe notification.

Wall Ratings and Types Legend

See architectural sheets for more information on ratings and additional rated constructions including structure where applicable. Protect all rated constructions as required.

Existing Wall to Remain New Wall being Constructed New 1/2 Height Wall being Constructed

Two Hour Fire Barrier

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These drawings will be at the scale indicated when plotted at 24" x 36"

SHEET #

FA1.1

Addressable Fire Alarm Specifications

General:

The electrical contractor shall provide all specified and necessary material and labor required for a complete and operational Fire Alarm system in accordance with the code, specifications and the contract documents.	
All work shall be in accordance with NFPA 72, all manufacturers requirements and recommendations, all city & local and state requirements as well as other applicable requirements or guidelines.	

Definitions: "provide" shall mean furnish and install; "furnish" shall mean to supply for installation or use by others; "install" shall mean installation of items furnished by others.

The drawings are diagrammatic and are not intended to show every detail and/or exact locations. Installation shall be adjusted to accommodate interferences encountered in field.

1. The Fire Alarm Control Panel (FACP) shall be provided with modules necessary to accomplish the functions specified herein. The panel shall have sealed, maintenance free, lead-calcium battery back up with capacity to power all functions and devices for standby and alarm per NFPA 72 section 4.4.1.5.3. Battery calculations are to be provided as part of submittal data. The panel shall be surface or semi-recessed. The panel shall have addressable detection loops as indicated and/or required plus at minimum 20% spare capacity on each loop. Provide lightning arrestors and transient suppression where recommend by manufacturer. Install lightning arrestors at circuit breaker in panel serving fire alarm panel. Provide auxiliary relays, switches, and modules as required to perform indicated functions. Base system shall have at least 198 intelligent device capacity.

2. Digital Communicator shall be a listed cellular dialer system (with integral 24 hour battery backup) that complies with 2013 NFPA 72. Section 26.6.3 and provides for a second method of communication where required by the AHJ. Note that 2013 NFPA 72 does not permit telephone line(s) as the sole means of communication. If another approved communication method is elected, the fire alarm contractor shall coordinate installation of all necessary communication equipment and provide 24 hour battery

3. Remote Annunciator shall be backlit, 80 character minimum, LCD annunciator located as indicated on the plans with the

4. The remote NAC Power Supplies shall be have built-in synchronization for all strobe lights. Each Power Supply shall have

6. Space Smoke Detectors shall be addressable photoelectric type detector. Detectors shall be listed to U.L. standard UL268 and shall be compatible with the control equipment to which they are connected. The detectors shall obtain their power from the fire alarm supervised detection loop. Removal of the detector from its base shall cause a trouble signal to be generated at the control panel indicating the specific location of the issue. Activating the reset switch on the control panel shall reset the detector.

5. Manual Pull Stations shall be addressable, double action devices, with terminal strip. Glass rods are prohibited.

See Fire Alarm System Matrix for required programming/control sequence.

backup for all such equipment as part of the fire alarm scope.

battery back-up sized per NFPA 72.

understand that final location shall be approved by the fire marshal.

The detectors shall have an LED indicator to show the normal and alarm state.

The device shall comply with the requirements of the American with Disabilities Act.

Contractor shall provide and submit shop drawings for approval as required.

Equipment:

Equipment shall be provided as specified in legend and in this section or equal.

				ПЕЛапп	Legena (I		//3 <i>/</i>		
Symbol (New)	Symbol (Existing)	Symbol (Demolish)	Device Common Name	Description/Notes	Model	Model	Model	Model (FCI)	Model (Mircom)
FACP	FACP	FACE	Fire Alarm Control Panel	24V, addressable system, with 318-point SLC loop	-	Fire-Lite #MS9200UDLS	Notifier #N16e	Gamewell FCI #E3 Series	FX-3318
FAAN	FAAN	FAAN	Fire Alarm Annunciator Panel	-	-	Fire-Lite #LCD-80F	Notifier #FDU-80	Gamewell FCI #LCD-SLP	RAM-3318-LCD
DC		E.DC	Internal Digital Communicator	Mount inside FACP enclosure or provide remote enclosure (Notifier #ABS-8RB) as required.	N/A	N/A	Notifier #UDACT	Teleguard #TG7VFS04	
F	E	Ë F i	Addressable Manual Pull Station	Mount at 44" aff to center of box.	New to match existing	Fire-Lite #BG-12LX	Notifier #NBG-12LX	Gamewell FCI #MS-7AF	MS-710AP
$\langle \mathbf{S} \rangle$	<u>ريَ</u>		Fire Alarm Smoke Detector	-	New to match existing	Fire-Lite #SD355	Notifier #FSP-851	Gamewell FCI #ASD-PL2F	
()	<u>(</u> })		Fire Alarm Heat Detector	Fixed temperature only for elevator shunt trip activation, fixed temp. and rate of rise for all other applications not noted otherwise.	New to match existing	Fire-Lite #H355 series	Notifier #FST-851 SERIES		
$\langle \mathbf{z} \rangle$			Duct Smoke Detector with Remote Lee Indicator	d -	New to match existing	Fire-Lite #D350PL W/ Fire-Lite #RTS451	Notifier #FSD-751PL W/ Notifier #RTS451	Gamewell FCI #DNR w/RTS-451KEY	DNR
		DA	Duct Smoke Detector Array with Remote Led Indicator	See duct array detail for mounting information and quantity of detectors required.	New to match existing	Fire-Lite #AD355 W/ Fire-Lite #RA400Z	Notifier #FSP-851 W/ Notifier #RA400Z		
*	(*)	(<u>*</u>)	Remote Led Indicator	-	New to match existing				
FS	FS	iFSi	Flow Switch	-	New to match existing	Actual device provided by sprinkler contractor. provide monitor module.	Actual device provided by sprinkler contractor. provide monitor module.	Actual device provided by sprinkler contractor. provide monitor module.	
ТS	୮୭	ITS	Tamper Switch	-	New to match existing	Actual device provided by sprinkler contractor. provide monitor module.	Actual device provided by sprinkler contractor. provide monitor module.	Actual device provided by sprinkler contractor. provide monitor module.	
	$\langle R \rangle$	R	Relay Module	-	New to match existing	Fire-Lite #CRF-300	Notifier #FRM-1	AOM-2RF	MIX-500RAP
		∴ IM .	Isolation Module					M500X	
AIM	(AIM)	: AIM:	Monitor Module	-	New to match existing	Fire-Lite #MMF-300	Notifier #FMM-1	AMM-4F	
		: MM:	Monitor Module	-	New to match existing	Fire-Lite #MMF-300	Notifier #FMM-1	AMM-4F	
ACM	(ÁCM)	ACM	Control Module	-	New to match existing	Fire-Lite #MMF-300	Notifier #FCM-1	AOM-2SF	MIX-M500SAP
D⊘dxx	D())√XXX	ःिः	Ceiling Mounted Fire Alarm Horn/Strobe - White	Center device in ceiling tile, device shall be U.L. listed for use in ceilings. Connect as required. Strobe as indicated on plans.	New to match existing	System Sensor Spectralert #PC2WL	System Sensor Spectralert #PC2WL	System Sensor Spectralert #PC2WL	
		ःः	Ceiling Mounted Fire Alarm Adjustable Horn Only (Mini Horn Not Acceptable) White	Center device in ceiling tile, device shall be U.L. listed for use in ceilings. Connect as required.	New to match existing	System Sensor Spectralert #SPCWL	System Sensor Spectralert #SPCWL	System Sensor Spectralert #SPCWL	
			—						

9. Visual Only devices shall be strobe light with field selectable candela strobe light set as indicated on plans. The device shall

7. Automatic Heat Detectors shall be addressable combination fixed temperature and rate-of-rise type.

comply with the requirements of the American with Disabilities Act. 10. Water flow, Tamper, and, Pressure Switches shall be furnished and installed by the sprinkler contractor and connected by the electrical contractor and monitored by the fire alarm control panel. Monitoring shall be accomplished by use of monitor modules.

8. Audio/Visual devices shall be combination electronic horn and field selectable candela strobe light set as indicated on plans.

11. Duct Mounted Smoke Detectors shall be an addressable photoelectric smoke detector unless otherwise noted. Removal of the detector head shall cause a trouble signal to be generated at the fire alarm control panel indicating the specific detector in trouble. The detector shall obtain its operating power from the supervised detection loop. An LED indicator shall be visible through the cover that indicates the alarm state of the detector. Where indicated furnish a remote indicator/test switch. The duct

detector shall be supplied complete with proper size duct sampling tubes and any other required accessories. 12. Control Module shall be located as indicated on the plans and/or as required for control functions and notification applications.

13. Door Holders shall be flush wall mounted, as indicated on the plans, and compatible with control system.

14. Relay Module shall be located as indicated on the plans and/or as required for control functions, IE duct detectors.

MATERIALS:

All materials and equipment shall be new and of the highest quality in the class specified. Where manufacture names are mentioned they are given as a reference to the quality of component required. All materials shall bear UL label or equivalent where applicable. Other makes may be used if equal and the equipment meets all of the requirements of these specifications. All items in the equipment section of these specifications may not be necessary in this system, refer to the drawings for locations and equipment to be used.

Conduit, conductors, boxes, hangers, supports, etc. shall be provided as required.

System description - The fire detection and alarm system shall be the addressable type, with each initiating device individually addressed and reporting to the fire alarm control panel (FACP).

The addressable fire alarm system shall be connected, programmed, and tested only by the manufacturer or by an authorized distributor who stocks a full compliment of spare parts for the system. Technicians performing this service shall be trained and individually certified by the manufacturer for the model of system being installed.

The complete programming for the addressable fire alarm system shall be permanently stored on removable media and archived by the manufacturer or authorized distributor. A backup copy of the program on removable media shall be provided to the owner when the system is commissioned.

The manufacturer or authorized distributor shall maintain software version records on the system installed. The system software shall be upgraded free of charge if the manufacturer releases a new version of the software during the warranty period.

Each signaling line circuit (addressable loop controller) shall have a minimum of 20% spare capacity for future use.

The connections between individual addressable modules and their initiating devices must be supervised.

The system shall have multiple access levels, which permit the owner's authorized personnel to make temporary changes in the system alarm response matrix, without actually changing the system programming. This must include the ability to override selected alarm inputs or system responses to alarms, without affecting the remaining portions of the system.

The manufacturer or authorized distributor must test all software logic functions for the system and provide a written test report of checklist. This documentation must include a system function matrix, which gives the fire alarm control panel response for each initiating device input.

The system shall be nominal 24VDC; non coded, and supervised (including control circuits). All equipment supplied must be listed for the purpose for which it is used, and installed in accordance with any instructions from the manufacturer and/or included in its listing.

The FACP power supply shall have a continuous rating adequate to power all zones and functions in full alarm continuously.

The FACP must have an Alarm Silence switch and be equipped with the subsequent alarm (alarm resound) feature.

The system includes air handling unit shutdown. Silencing the alarm (without resetting) shall not reverse the shutdown. A supervised "AHU Shutdown Defeat" switch must be provided in the FACP, with its "Normal" position indicated.

Systems are to be provided with a separate and independent source of emergency power. Switching to emergency power during alarm shall not cause signal dropout. Batteries must meet the appropriate NFPA capacity requirements.

The system shall be electrically supervised for open or ground fault conditions in detection, alarm and control circuits. Removal of any detection device, alarm appliance, relay, module or standby battery connection shall also result in a trouble signal. Fire alarm signal shall override trouble signals, but any pre-alarm trouble signal shall reappear when the panel is reset.

System documentation, training and maintenance:

The contractor shall provide the engineer with electronic copies of the following, to be forwarded to the owner:

1. Full as-built wiring and conduit layouts, including wire color code, and addresses, and showing all interconnections in the system.

* New devices shall match existing, verify in field. Engineer has attempted to document existing model numbers for convenience of contractors.

Execution:

All work shall be installed as required per NFPA 72, manufacturers requirements and recommendations, city & local and state requirements as well as other applicable requirements. All connections at the FACP must be made by the manufacturer's authorized, factory trained representative (rather than by the electrical contractor).

Provide and install the system in accordance with the plans and specifications, all applicable codes and the manufacturer's recommendations. Use conduit where specified/ required. Notification Appliance circuit conductors shall be new, copper type THHN or XHHW and shall be number 14 AWG stranded minimum.

Permanent wire markers shall be used to identify all connections and terminations for each circuit. Identification for all splices shall indicate which conductor leads to the control panel.

Wiring must be in metal conduit (3/4"minimum diameter), or surface metal raceway. Initiating circuit conductors must be new, solid copper, type THHN/THWN, 18 AWG minimum shielded, except that wiring between the FACP and any Remote Annunciator may optionally be listed multi-conductor cable with 18 AWG solid copper conductors. All junction boxes shall be sprayed red and be permanently labeled "Fire Alarm". Wiring color code shall be maintained throughout the installation and labelled on FACP/PE. Provide terminal blocks in all junction boxes where connections are made.

Detection or alarm circuits shall not be installed in raceways containing power or line voltage control wiring. Within the FACP, any AC control wiring must be properly separated from other circuits and the enclosure must have an appropriate warning label to alert service personnel to the hazard.

spaces or above other outlets.

Install lightning arrestor at circuit breaker in panel serving fire alarm panel.

number.

Smoke detectors shall not be located closer than three feet to an air conditioning supply or return. Locate wall mounted smoke detectors at maximum of twelve inches from ceiling.

results shall be provided to the owner.

instruction to owner's personnel.

Upon completion of the system testing shall be performed by the contractor and the manufacturer's authorized representative. The test shall include testing of every alarm initiating device for proper response and device indication, every alarm signaling device for effectiveness and all other functions such as HVAC shut down, door release, elevator recall, control of smoke doors/dampers, and pressurization fans. All supervised circuits must also be tested to verify proper supervision (control circuits and remote annunciation lines are among those required to be supervised).

The contractor shall submit the following test documentation:

1. NFPA "Fire Alarm System Certification and Description" 2. Written verification that the fire alarm 100% system test was performed 3. Measured sensitivity of each smoke detector

The system will be inspected and functionally tested by the AHJ. Equipment intended for open area protection or releasing device service may be subjected to simulated or actual test fires, in accordance with ANSI/UL guidelines, to verify proper response.

After successful completion of AHJ inspections and tests and final acceptance, the warranty period begins. In the event of malfunctions or excessive nuisance alarms, the contractor must take prompt corrective action. The engineer may require a repeat of the contractor's 100% system test. Continued improper performance during the warranty period shall be cause to require the Contractor to replace the system and/or its components.

Fire Alarm Legend (NEPA 170 Symbols)

Fire Alarm Symbols Linetype Legend

	New device or relocated existing device
	Existing device to remain
	Existing device to be demolished or relocated
—— — NAC1 — ——	Existing NAC circuitry to remain. Number on line indicates circuit in panel.
—— — SLC1 — ——	Existing SLC circuitry to remain. Number on line indicates circuit in panel.
— SPK — SPK —	New SPEAKER WIRE circuit. Number on line indicates circuit in panel.
NAC1	New NAC circuit. Number on line indicates circuit in panel.
SLC1	New SLC circuit. Number on line indicates circuit in panel.
EOL	End of line resistor

Location of devices and equipment: All devices shall be located as detailed or indicated. In general devices shall be centered in

Provide an engraved or other permanent type marker on each device installed indicating the device number and addressable loop

Provide framed operating instructions mounted adjacent to the fire alarm control panel.

Testing shall include all tests noted by NFPA, for electrical systems, and testing/ certification by the fire alarm system supplier. Test

Certification for system shall be provided from installer/ supplier of the equipment furnished. Provide instruction manuals and

Extender

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W/ LOCK

1st Floor

Fire Alarm Notes:

- 1. See legend for device model numbers. 2. Contractor shall ensure that this installation and design of the fire alarm system complies with all requirements of the 2018 NC Fire Code chapter 9, 2018 NCSBC chapter 9, 2013 NFPA 72, and NFPA 70. Contractor shall review design drawings prior to bid/ rough-in and shall notify engineer immediately of any items they feel may be necessary, omitted, insufficient, etc. Contractor shall be responsible to provide any additional required items necessary for complete and code compliant system prior to beginning work.
- 3. Contractor shall verify that the existing to remain system is connected to a UL approved central monitoring station as required by the applicable codes at the time of connection. If an approved connection does not exist, the contractor shall provide a listed cellular dialer system (with integral 24 hour battery backup) that complies with 2013 NFPA 72, section 26.6.3 and provide for a second method of communication where required by the AHJ. 2013 NFPA 72 does not permit POTs telephone line(s) as the sole means of communication. If another communication method is elected and approved by the AHJ, the fire alarm contractor shall coordinate installation of all required communication equipment and 24 hour battery backup as part of the fire alarm scope.
- 4. A decibel level of 15 dBA above average ambient (2013 NFPA 72, Table A.18.4.3) shall be maintained in all occupiable areas measured 5' above the floor using the A-weighted scale. 90 dBA shall be maintained in all mechanical equipment rooms per the 2018 NC Fire Code, section 907.5.2.1.1. The total sound pressure level produced by combining ambient and notification levels shall not exceed 110 dBA anywhere. Devices have been shown to provide the general components necessary to achieve such levels. However, due to site specific attributes including wall construction and sound attenuation, it is the responsibility of the contractor to adjust the level of audible devices as needed and provide additional audible devices where required to meet these audibility requirements.
- 5. The contractor shall prepare fire alarm shop drawings including a floor plan(s) showing device and circuit layouts with a detailed riser diagram showing each device and all circuitry. Fire alarm shop drawings shall include battery and voltage drop calculations as required by the 2018 NC Fire Code, section 907. Battery calculations shall show battery requirements for the entire system (including any existing loads). If battery calculations show the existing or as designed system as insufficient, contractor shall provide a separately line item price to add a new 8 amp. 4 circuit power extender and connect the required devices to it. Contractor shall submit a plan indicating device layout, riser diagram, battery & voltage drop calculations with device submittal data to engineer for review prior to beginning any work or submitting to the AHJ.
- 6. Contractor shall provide all documentation and testing required by the local Fire Marshal and state and local codes, including but not limited to: 1. Acceptance tests per 2018 NC Fire Code, section 907.7.
- 2. Required inspections, testing and maintenance required by the 2018 NC Fire Code. 3. Instructions per 2018 NC Fire Code, section 907.7.3 and record of completion per 2018 NC Fire Code, section 907.7.2.
- 7. The contractor shall submit fire alarm shop drawings to the AHJ fire prevention office prior to beginning work. No inspections can be scheduled prior to approval of the shop drawings from the Fire Marshal.
- 8. All audible fire alarm devices must be audibly synchronized and have a consistent audible sound throughout the building. All fire alarm devices in common sight lines must be visually synchronized. Device shall synchronization as required per ADA. Replace devices and/or provide synchronization modules in booster/NAC panels as necessary to achieve synchronization throughout. Existing devices and booster panels shown to remain on these drawings should be considered existing to remain only contractor verifies their ability to synchronize on site, and should be considered new otherwise. All cost related to synchronization should be identified and included in bid.
- 9. Interlock fire alarm system with security system such that upon activation of the fire alarm system, security system unlocks doors as required by 2018 NCSBC, section 1008.1.9.8, note #4. Coordinate exact requirements with security contractor. Security system shall fail safe open upon power loss.
- 10. All fire alarm system conductors shall be run in 3/4" EMT conduit, in open ceiling areas, unless noted otherwise. Provide all junction boxes, hangers, fittings, supports etc. as required. JB cover for all fire alarm junction boxes shall be labeled and painted red. Circuits can be combined in common conduit where convenient or as necessary.
- 11. Pull stations are only provided at required exits. 12. Initiating device circuits shall be loaded to no more than 75% of capacity.
- 13. Audio/visual circuits shall be loaded no more than 75% of capacity.
- 14. Provide power extenders as required for notification appliance circuit devices (existing and new).
- 15. Riser diagram devices are generic and do not represent exact/actual device quantities required for this project. See plans for total quantities.
- 16. Provide labeling for the entire fire alarm system and device addresses. Provide panel and circuit numbers on a zone map adjacent to the FACP or in location required by the Fire Marshal. 17. The method of functional testing to ensure proper operation of smoke detectors shall be determined by AHJ.
- 18. Devices shall match the color specified or match the color of any existing devices to remain or be reused in the area of work, if applicable, unless otherwise noted.

- indicated on plans
- installation.

- lay-in grid.

- architect/tenant.

15

INSTALLATION REQUIREMENTS

General Notes and Requirements:

1. The contractor is responsible to comply with all requirements of the 2018 NCSBC and accessibility code that are applicable to this project regardless of whether all details are

2. Pull stations shall comply with all requirements of 2018 NCSBC, chapter 11 accessibility

3. All boxes mounted in rated walls shall comply with all requirements of the 2018 NCSBC, section 714.3.2. Unless noted otherwise, devices shown in rated walls shall be flush with conduit concealed in wall. Provide horizontal separation, putty pads, rated boxes etc. as required for

4. See architectural ceiling plans for ceiling types. Where new inaccessible gyp. ceilings are being installed the contractor shall not mount any junction boxes, conduit bodies or other equipment or fittings requiring access above the new inaccessible ceiling, and shall relocate all to adjacent areas where accessible area. No access panels in the hard ceiling are allowed without approval. 5. Contractor shall not put an access panel in hard ceiling for any reason. Contractor shall install appropriate junction boxes, etc above the ceiling in areas that can be accessed by the removal of

The word "provide" shall mean to furnish and install the item or equipment and make the final connection necessary.

7. All mounting heights are given to the bottom of the device unless otherwise noted.

8. Do not scale these drawings. The contractor shall refer to the architectural plans for floor plan dimensions. The location of all wall mounted devices, including mounting heights, shall be field verified with the architect prior to installation. Coordinate locations of all light fixtures with the reflected ceiling plans.

9. The contractor shall coordinate any and all work with other trades involved in the project, prior to installation of fire alarm equipment, so as to avoid conflicts during construction and to allow for optimum maintenance and working space.

10. Conduits and cables shall be concealed wherever possible by either routing above ceiling, in interstitial spaces or running exposed in unfinished spaces where feasible/ allowed. Conduits may be run exposed in mechanical areas or other areas not subject to public view where approved by the owner. Wherever conduits or cables are exposed, conduits and cables shall be run parallel or perpendicular to structural elements and shall be run and bundled in groups, and the installation shall be neat and orderly. Even when exposed, conduits and cables shall be routed to minimize view from personnel. Seal all penetrations air tight around conduits passing through walls or floors using appropriate penetration protection when passing through or into rated assemblies. Boxes, conduit, and wiring shall not be recessed into or penetrate structural columns. They shall be surface mounted to column and/or recessed in stud wall where possible. Coordinate with

Junction box covers shall be permanently labeled and conduit shall be labeled every 10'. Contractor shall include cost of painting all exposed conduits subject to public view. The contractor shall patch any ceiling, wall, or floor openings and penetrations resulting from

demolition or new work in existing areas.

14. Contractor is responsible for properly disposing of all waste materials, demo materials and other trash. This includes but is not limited to proper disposal recyclable materials.

Any necessary core drills shall be coordinated and located with the affected tenant spaces above or below as well as the owner/ building manager, prior to beginning work. Schedule core drills to address security concerns, minimize interruption, etc.

16. Contractor shall verify all areas that are used as a return plenum with mechanical contractor and provide plenum rated cable for all cables not run in metal conduit. This includes all fire alarm or control wiring above ceiling.

17. Contractor shall meet all applicable seismic requirements.

18. Equipment connected to or associated with fire alarm system shall be listed and labeled by a third party acceptable to the authority having jurisdiction.

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ARCH PROJECT #

SHEET #

FIRE ALARM DETAILS

TF-006

Demolition Plan Notes:

- 1. Demolish waste piping back to main and cap.
- 2. Demolish existing water piping in the crawlspace.

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	Plumbing Fixtures, Equipment, & Accessories									
Тад	Description		Fixture Specification	Water Lin	e & Conneo HW	ction Size				
W2	Water Closet Floor Mounted ADA		Toilet: Kohler Highcliff Ultra #K-25077 white vitreous china water closet with elongated bowl ,tank type flushing, 12" rough-in 16 1/2" high to the seat with 2 bolt caps. Seat: Kohler Lustra #K-4666-SC extra heavy duty white elongated with open front seat	1/2"	-	4"				
L1	Lavatory Wall Hung ADA		Lavatory Basin: American Standard Decorum #9024.008EC, Vitreous china, faucet holes on 8" centers, top of rim at 34" AFF for ADA Faucet: Delta Nicoli 35749LF, MANUAL sensor faucet. 8" centerset faucet, 0.5 GPM flow rate. <u>Mixing Valve:</u> Watts LFUSG-B thermostatic mixing valve at each Faucet, ASSE 1070 approved. <u>Trap & Suppliers:</u> McGuire #8902, 17 gauge 1 1/4" x 1 1/2" P-trap and nipple. McGuire #LFB02 angle supply stops. Mount P-trap such that ADA clearance requirements are maintained. <u>Accessories:</u> Truebro 82192 Lav Guard 2 molded insulation # 101-EZ, 3 piece interlocking trap assembly and 2 piece interlocking hot water angle valve assembly, with nylon type fasteners.	1/2"	1/2"	2"				
L2	Drop In Lavatory Single Bowl		Lavatory Basin: Kohler Serif #K-2075-8 oval vitreous china basin, white finish. Faucet: Delta Nicoli 35749LF, MANUAL sensor faucet. 8" centerset faucet, 0.5 GPM flow rate. <u>Mixing Valve:</u> Watts LFUSG-B thermostatic mixing valve at each lav. ASSE 1070 approved. <u>Trap & Suppliers:</u> McGuire #8902, 17 gauge 1 1/4" x 1 1/2" P-trap and nipple. McGuire #2165 angle supply stops. Mount P-trap such that ADA clearance requirements are maintained. <u>Accessories:</u> Truebro 82192 Lav Guard 2 molded insulation # 101-EZ, 3 piece interlocking trap assembly and 2 piece interlocking hot water angle valve assembly, with nylon type fasteners.	1/2"	1/2"	1 1/2"				
S1	Break Sink, Single Bowl		Sink Basin: Elkay # LRAD25225, 18 ga Stainless steel, drop-in bowl. Dimensions 21"x15-3/4"x5 1/2" deep, 1 hole. Faucet: Speakman Neo #SB-1042, Stainless, 1 hole faucet, 1.8 GPM flow rate. <u>Trap & Suppliers:</u> McGuire #8902, 17 gauge 1 1/4" x 1 1/2" P-trap and nipple. McGuire #LFB02angle supply stops. Mount P-trap such that ADA clearance requirements are maintained. <u>Accessories:</u> Truebro 82192 Lav Guard 2 molded insulation # 101-EZ, 3 piece interlocking trap assembly and 2 piece interlocking hot water angle valve assembly, with nylon type fasteners.	1/2"	1/2"	1 1/2"				
U1	Urinal Wall Mounted ADA		<u>Urinal:</u> Kohler Dexter #5452-ET-0. 3/4" top spud, siphon jef flushing, Mount urinal 17" AFF for ADA. <u>Valve:</u> Sloan Regal 180 manual flushometer with 1.0 GPF.	3/4"	-	2"				
EWC/BF ADA	Electric Water Cooler & Bottle filler		Elkay #EZSTL8WSLK dual level, ADA, wall mounted water cooler and and bottle filler; hermetically sealed and air cooled refrigeration unit. Electric push buttons on front and side with vinyl covered steel skirt and stainless steel hood receptor. Mount spout on lower side at 36" AFF and provide cane apron option on higher side of water cooler.	1/2"	-	1 1/2"				
wco	Wall Clean Out		Zurn #Z1446 wall cleanout tee, dura-coated cast iron body, gas and watertight ABS tapered thread plug, and round, smooth stanless steel wall access cover with securing screw.	-	-	see plans				
TP	Trap Primer		Watts #200 Flow through trap primer	1/2"	-	-				
SA	Shock Absorber		Watts series #15M2 water hammer arrestor, sized to match associated line. Shock absorber shall meet all requirements ASSE 1010, ANSI A1 12.261M as well as the 2018 NCSBC and the 2018 NCSPC, section 604.9	see plans	see plans	-				
VB	Vacuum Breaker		Watts #SD-3 vacuum breaker, sized to match associated line. Vacuum breaker shall meet all requirements ASSE 1022, as well as the 2018 NCSBC and the 2018 NCSPC, section 608.16.1.	-	-	-				
MS	Mop Sink		Mop Sink: Fiat #MSB2424 molded stone mop service basin, 24" x 24" x 10" tall sides. Faucet: Chicago faucets #44-897SRXKCCP with integral vacuum breaker, lever type ceramic 1/4 turn handles, and adjustable arms. Polished chrome finish. Faucet to have 3/4" hose thread on spout.	1/2"	1/2"	3"				
EW	Eye Wash		Eye Wash: Guardian #G1825P Free standing pedistal mounted eyewash with plastic bowl and 2 spray heads with covers. Accesories: Guardian #G6020 Thermostatic mixing valve conforming to ANSI 1071.	1/2"	1/2"	2"				

The intention of the depicted images above are to show the general appearance of the fixtures being specified. Exact representation is not necessarily shown nor are accessories for models or some variation of the model. The fixture specification should take precedent over the photo.

- Any slab cutting for plumbing access requires soil compaction, vapor barrier and embedded #4 rebar dowels no less than 18" on center.
- Contractor shall reconnect any existing fixtures/piping to remain where the existing piping or surrounding area is affected by the new or demolition work by other trades.

General Notes:

Demolition Note:

owner and/or are in like-new condition.

Renovation Notes:

or are not in proper working order.

- Existing building water piping is copper. Contractor shall provide Type L annealed copper piping with 95/5 solder joints.
- Contractor shall provide Schedule 40 PVC-DWV (conforming to ASTM D2665) fittings for S,W, & V indicated on plans.
- Contractor may run 3" waste pipe at 1/8" slope where 2 1/2" or smaller would be acceptable for the DFUs but not allow for the proper code required 1/4" sloping and fit in the given space.

Plan Notes:

- 1. Provide electric water heater on stand. See water heater detail for more information.
- 2. Provide new 1-1/2" RPZ backflow preventer in closet.

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Demolition Note:

The existing locations shown on the demolition plan to be removed or relocated are for reference only and shall be field verified by contractor prior to beginning work. Any items required to be relocated or removed shall be included in contractor's cost, whether shown on this plan or not. Unless noted otherwise, where a fixture or device is noted to be demolished, the work shall include removing all associated piping, fittings, hangers, insulation etc. and shall include all patch, repair, paint or refinishing necessary to restore the location to match the surroundings. The contractor may reuse any existing piping, fittings, valves etc. where they have been inspected and are determined to be acceptable to the owner and/or are in like-new condition.

EXTERIOR STORAGE

EMERGENCY

EXIT

PUNCI

RPON

Renovation Notes:

- Contractor shall visit site to verify existing conditions.
- See architectural for scope of demolition work. Cap and/or plug all waste/vent lines installed during shell that will not be used for fitup. Confirm all capped piping will be concealed and/or will not conflict with new layout. Ensure that all waste lines being removed are plugged such that no sewer or gases will escape sanitary system.
- Contractor shall camera the existing under slab sewer piping prior to cutting concrete. Engineer shall be contacted if the existing lines are not in the location shown on plans or are not in proper working order.
- All new piping shall be concealed in walls, above ceiling, or below slab unless otherwise noted. Contractor shall verify that there is sufficient space above ceiling for all areas affected by new or demolition work.
- Any slab cutting for plumbing access requires soil compaction, vapor barrier and embedded #4 rebar dowels no less than 18" on center.
- Contractor shall reconnect any existing fixtures/piping to remain where the existing piping or surrounding area is affected by the new or demolition work by other trades.

General Notes:

- Existing building water piping is copper. Contractor shall provide Type L annealed copper piping with 95/5 solder joints.
- Contractor shall provide Schedule 40 PVC-DWV (conforming to ASTM D2665) fittings for S,W, & V indicated on plans.
- Contractor may run 3" waste pipe at 1/8" slope where 2 1/2" or smaller would be acceptable for the DFUs but not allow for the proper code required 1/4" sloping and fit in the given space.

Plan Notes:

- 1. Provide electric water heater on stand. See water heater detail for more information.
- 2. Provide new 1-1/2" RPZ backflow preventer in closet.

Scale: 1/8" = 1' - 0"

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EX. FCO

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