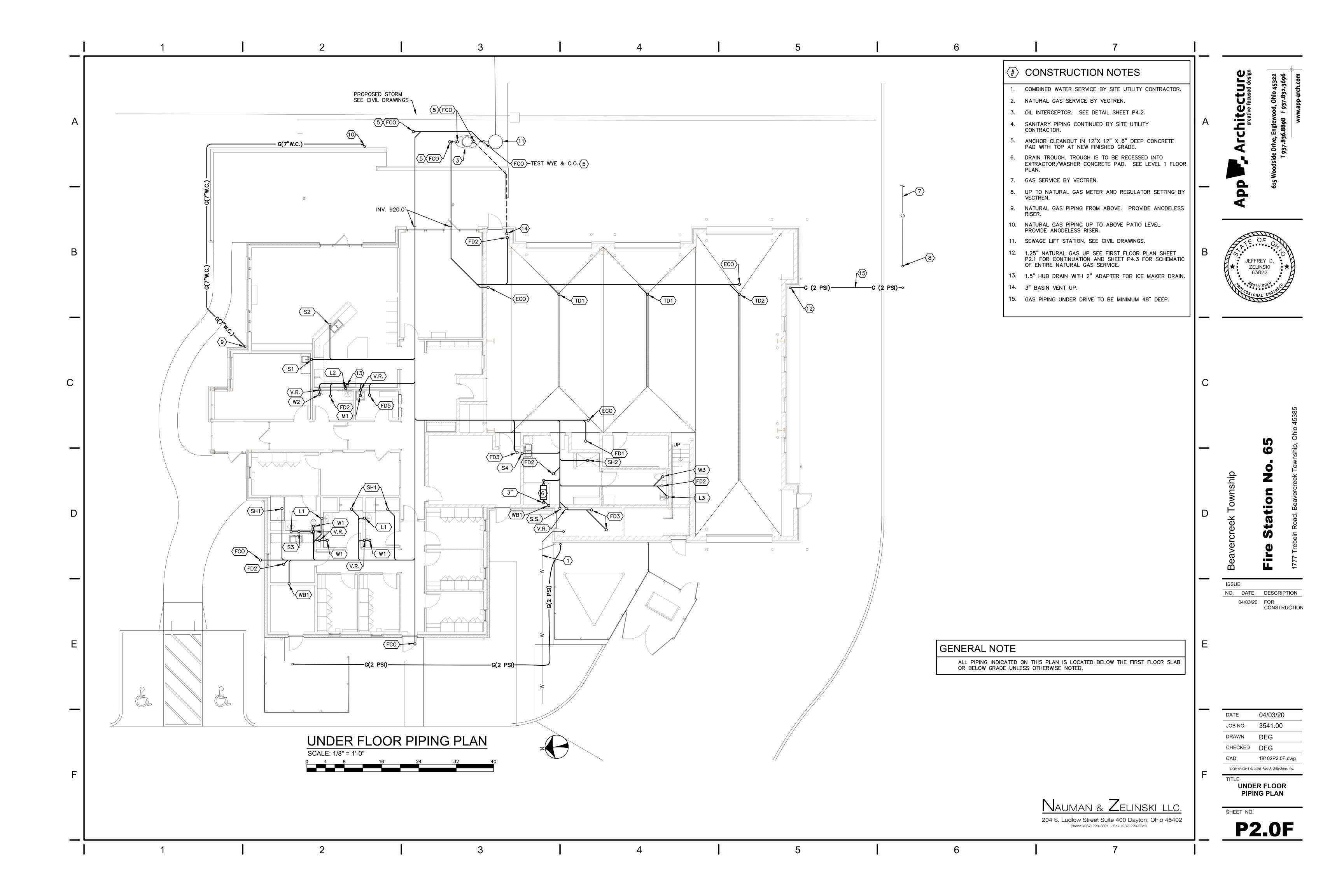
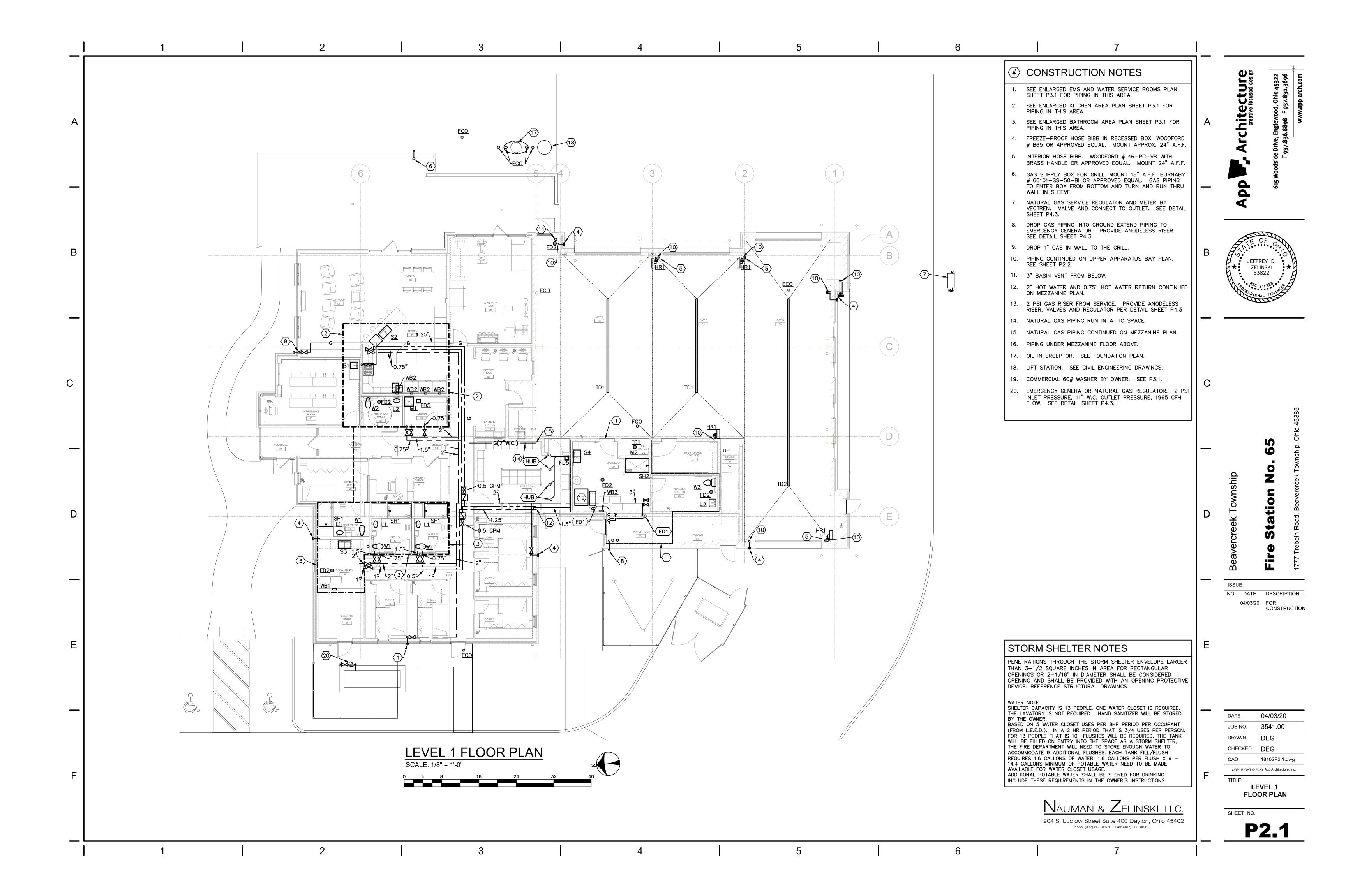
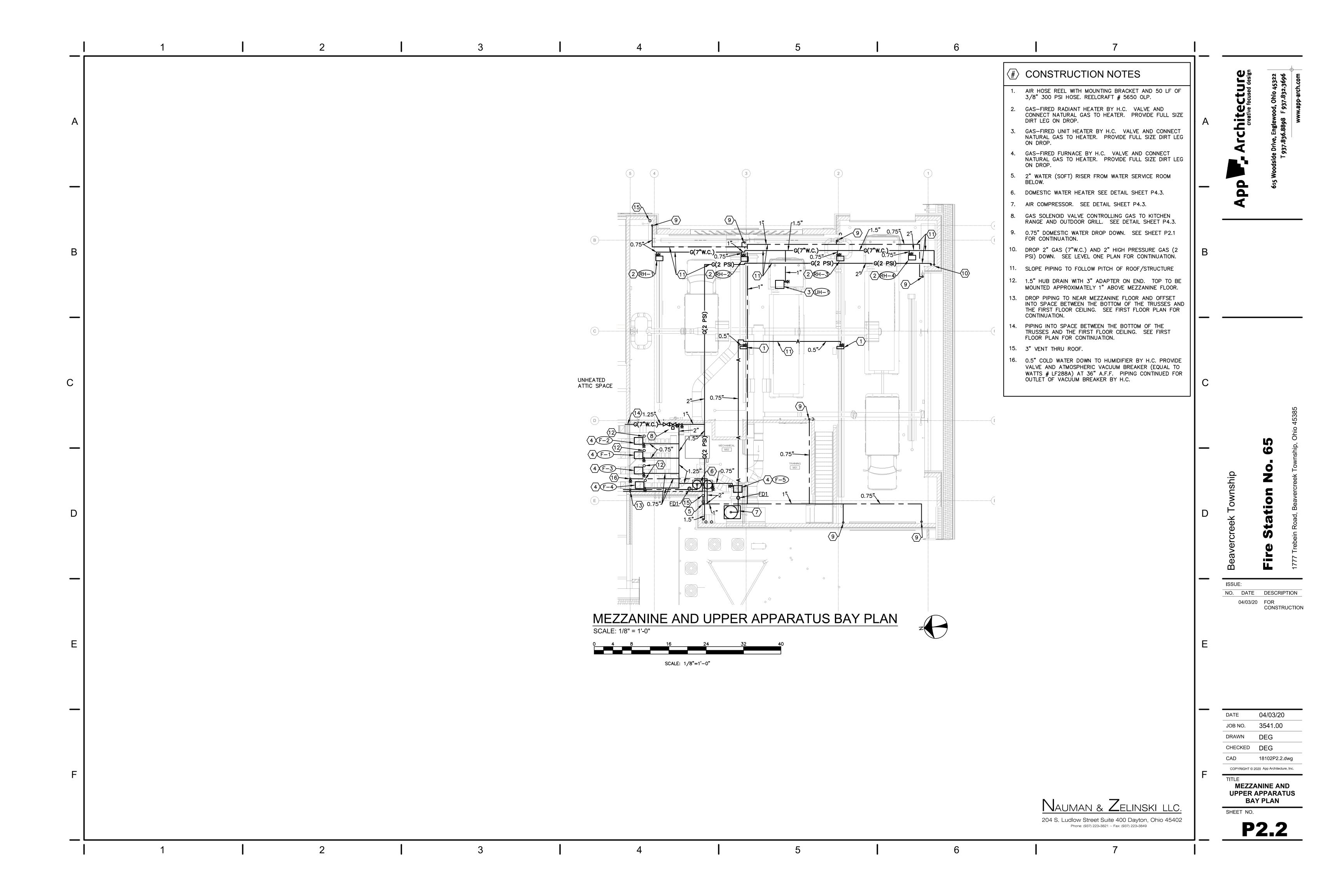
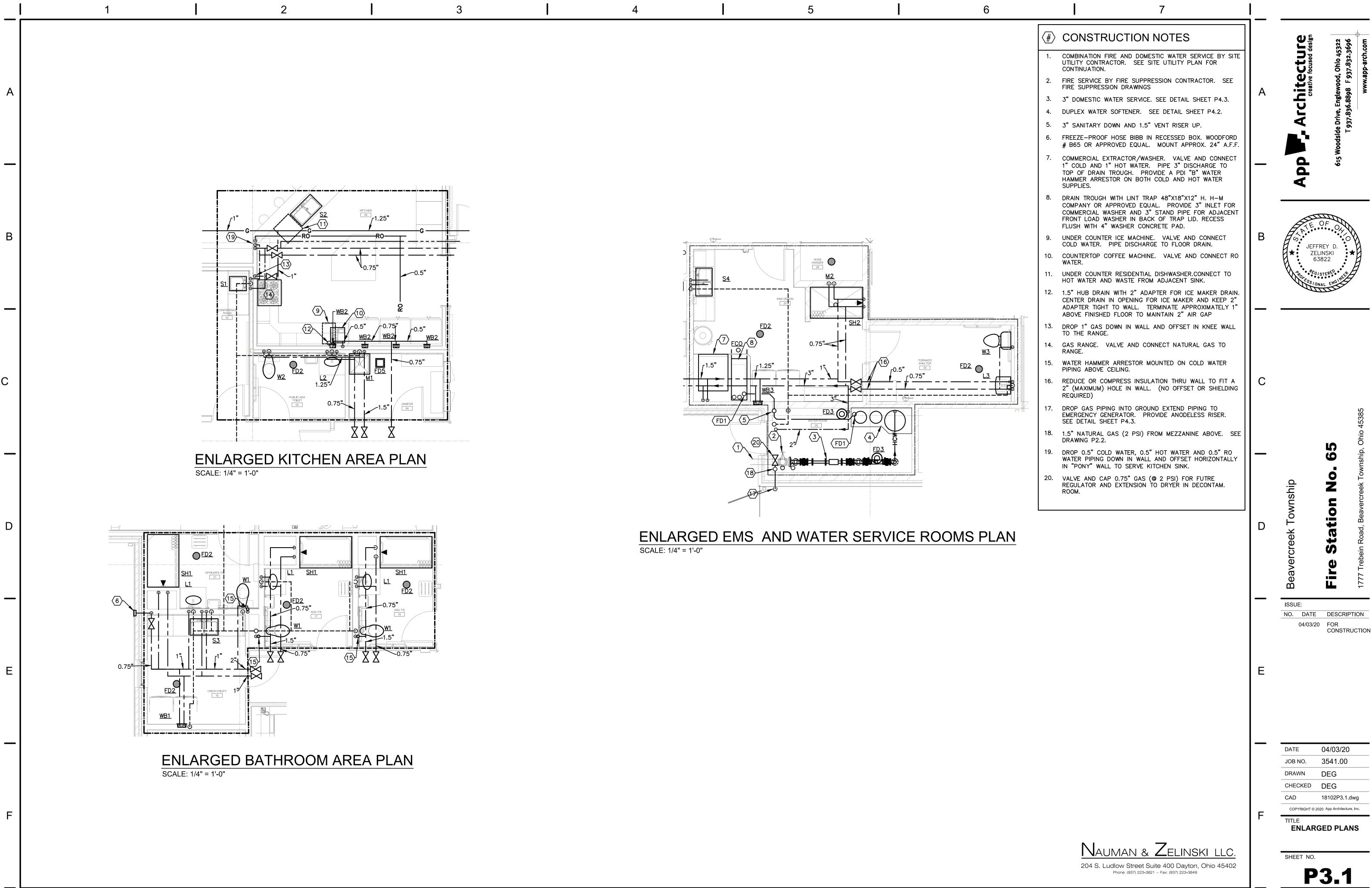


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Section   Sect	PL'	UMBING FIXTURE	SCHEDUL	-E									1							,			<b>U</b>
The content of the	ITEM	FIXTURE DESCRI	PTION				J нат ⊢	CI IDDI V				CADDIER	ACCESSOBIES ON	FS - FLOOR SINK	K	CLEANOUT TYPE FCO — FLOOR C WCO — WALL CL	<u>ES</u> CLEANOUT LEANOUT	ZE GE	FEATURES	<u> </u>	STRAINER	.	ctur
## 1965   Property of the control of	W1	WATER CLOSET/ FLOOR SET/ FLOOR SE	OOR OUTLET/ VIT.	AM. STANDARD	1"	1" 2"		SLOAN					BEMIS	RD — ROOF DRAI SRD — SECONDAI	IN RY ROOF DRAIN			ET SI	G CLAN 3DECK 1MP 1BLE NAGE	RAINEF IZE	ME 1 TOP 1 TOP 1 TOP 1 LF 1 LF 2 EN 3 TABLE	OTES	ect
Company   Comp	W2	WATER CLOSET/ FLOOR SET/ FL	OOR OUTLET/ VIT.	AM. STANDARD	'	T -		SLOAN	UNIT	UNIT	INTEGRAL		BEMIS					OUT!	UNDEF CL/ DOL DRAI EDIMN	TOP/ST S	DO OPEN NO G Ht OP	Ž           ,	hite v
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Second Continue of Continue	WS	HEIGHT / 1000 G Map RATED / 0	USH TANK/ RIGHT PEN SEAT WITH LID/	AM. STANDARD	0.5"	4" 2"		UNII	MCGUIRE # LFBV172	UNII	INTEGRAL		# 1950SS	FD2 FLOOR D	DRAIN/CAST IRON	BODY/ NICKEL-B	BRONZE J.R.SMITH	3"					4
## 1997   1997				TV OTHERO				··· CTANDADD	· · · · · · · · · · · · · · · · · · ·	114117	110011105		204500	FD3 FLOOR D	DRAIN/CAST IRON		GRATE / J.R.SMITH	4"					
The control of the		SINGLE LEVER FAUCET/ POP-UP	WASTE / 1.2 GPM	0.5	0.5"	1.25" 1.25"	RIM	# 1480.101			# PW2150WC		# LFE480	FD4 FLOOR D	DRAIN/CAST IRON	BODY/ NICKEL-B	BRONZE J.R.SMITH	3"				1.	
Control of the cont		SINGLE LEVER FAUCET/ GRID ST	RAINER/ 0.5 GPM	0.5"	0.5"		#	# 1480.100—F05			# PW2150WC		# LFE480	FD5 FLOOR D	DRAIN/CAST IRON	BODY/ NICKEL-B	BRONZE J.R.SMITH	3"				3.	AC
Control   Cont				# 0355.012 0.5"	0.5"	1.25" 1.25"	34" TO RIM #	# 1480.100-F05	# LFBV170	UNII	# PW2150WC	# 0710	# LFE480	TOP/ FL	AT GRATE IN BOT	TIOM/ MED DOTY/	/ # 2130 3 1B3 N						
Company   Comp	S1			ELKAY 0.5"	0.5"	15" 125"	_	AM. STANDARD	MCGUIRE	MCGUIRE	MCGUIRE			FRAME/	DUCTILE IRON SLO		IN/EN # DG0700AA W/	. 4"		1 * '' 1			£
Part		SINK/ C'TOP/ DOUBLE BOWL/ S	INGLE LEVER FAUCET	ELKAY	0.5	1.5 1.25		AM. STANDARD	MCGUIRE	MCGUIRE	MCGUIRE	1	NSINKERATOR			HEAVY DUTY CRA	DA0642BH LOCK	&   .		<u> </u>		<u> </u>	B S
The state of the		W SPRAY/ DISPOSAL/ RO FAUCE	ET	# LR3319   0.5"	0.5" 0.5"	(2) 1.5" 1.25"	_	WATTS	# LFBV170	# 151A	1 "			FRAME/	DUCTILE IRON SLO		# DG0700AA W/ DG0675HD GRATE	& 4"		40'			*
The parties of the	S3	SINK / ST. ST. / C'TOP / DOUBLE LEVER FAUCET W SPRAY	BOWL/ SINGLE		0.5"	(2) 1.5" 1.25"			MCGUIRE # LFBV170	MCGUIRE # 151A	MCGUIRE # 8912F			FCO CLEANOL	JT/ FLOOR SET/	NICKEL BRONZE T	TOP / J.R.SMITH					2.	
Part	S4	SINK/ ST. ST./ INTEGRAL W C'TO	OP/ DOUBLE BOWL/				1		MCGUIRE	MCGUIRE	MCGUIRE			ECO EXTRA H	HEAVY DUTY CLEA	NOUT/ FLOOR SE	T/ NICKEL J.R.SMITH			6"4			M.
Second Control Contr		COIL/ BASKET STRAINER/ EMERG		0.5"	0.5"	1.5" 1.25"	-	# 4332. <del>3</del> 50	# LFBVI/U	# IOTA		7	F GOUZZ-IMV	CONN./	ABS PLUG	·						<u>-</u>	
Property	CIII	CHOWED / CTALL BY OTHERS / :::	IVINIO MALME METER	RY OTHERS				DOWEDS						THREADE	ED BOLT AND BRO	ONZE PLUG				7"ø 📗		2.	
## CONTROL TO A CONTROL OF THE CONTR	) SHI	FIXED HÉAD AND HAND HELD ON			0.5"	2"   1.5"	VALVE #	E710-M-2-N-Y-W														一	
Company   Section   Company   Comp	SH2	MIXING VALVE WITH FIXED HEAD	AND HAND HELD ON		0.5"	3" 1.5	42"   #																
## CENTRAL OF THE CONTROL OF THE CON		PLINE RAK DIVERLEE VALVE IN	WALL				86"							3. GRATE T	TO BE MODIFIED O	ON SITE TO BE OP	PEN BELOW INDIRECT LINE.					(	С
## 1985 ASSET ALL TO SET ALL TO S	M1	MOP SINK/ FLOOR SET/ 24" SQ	. 10" DEEP/ MOLDED	FLORESTONE # 91 0.5"	0.5"	3" 1.5"	36" Q		UNIT	UNIT	SAME AS				PLUMB	ING LEGE	ND	GENI	ERAL LEGE	END		$\neg \mid$	
## CERTIFICATION OF THE PARTY O	M2		CAP UN DRUP/	NONE			36" Q	AM. STANDARD	UNIT	_	-						AIN	EC				$\neg \mid$	
The content of the surprise of the content of the							PAUCEI	# 0004.112										FC	-				
## SALES SERVICE CONTROL FOR A SALE AND SERVICE SERVICES AND SERVICES	HR1			# GCD83075	0.75"		<b>@</b> 36"								—нсw—				-			-	_
The content of Start (1997)   Content of S							@ 60"										DETLIDA	PC	-				
### AMERICAN PROPERTY OF SAME THE SAME OF	WB1				0.5"	2" 1.5"	36"	UNIT		UNIT								NIC			es continueron.		ship
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MANEX. STANDED DIMA. KONTER, 7/8/91  MINEX. STANDED DIMA. STANDED DIM			AILK HAMMEK	# 30033 0.5	0.5		36		ABOVE GEG.								·						cree
MICHAEL STANDARD PARTY AND SHAPE PROCESSORS  2 TOP SAME MITTER ALL SHAPE PROCESSORS  3 HOUSE CONTROL TO BE REAL CONTROL  4 SHIP DUTY AND SHAPE BY A CONTROL TO BE REAL CONTROL  5 HOUSE CONTROL TO BE REAL CONTROL  6 HOUSE STANDARD PARTY AND SHAPE PROCESSORS  5 HOUSE CONTROL TO SHAPE PROCESSORS  5 HOUSE CONTROL TO SHAPE PROCESSORS  6 CONTROL	EQUA AMER	<u> </u> <u>LS</u> ICAN STANDARD CHINA — KOHLER	7URN					OTES COORDINATE ROL		SEWORK SUPP	PLIFR						/ALVE	H-	EQUIPMENT	T REFERENCE	SYMBOL.		aver
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## DESCRIPTIONS    GENERAL NOTES - PLUMBING	ELKAY WOOD!	Y — JUST, ADVANCED TABCO, FORD — ZURN, J.R.SMITH,						PROVIDE COPPER	R AIR GAP FITTIN	IG FOR DISHW			S # DB-CD-3.				WED					s.     <b>-</b>	ISSUE:
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C. COORDINATE FLOT ROUGH-HIN INSTALLATION REQUIREMENTS AND LOCATIONS WITH OTHER TRADES, ACTUAL COUNTED TO THE COUNTED AND FALED CONDITIONS BEFORE PERFORMING WORK.  D. REFER TO A ROUTECURAL CODE PLANS FOR LOCATIONS OF FIRE WALLS AND IN SAMPLE PREFORMING WORK.  D. REFER TO A ROUTECURAL CODE PLANS FOR LOCATIONS OF FIRE WALLS AND IN SAMPLE PREFORM FOR A PROPOSED IN THE FREE PASSAGE OF SMOKE. IN FIRE WALLS SAIL ALL PREFORM FOR AND PERFORMENT AND MATERIALS, AND SCHEDULES FOR PIPING AND PEPE SIZES NOT SHOWN ON PLAN OR ON DIAGRAMS.  E. REFERT TO DIAGRAMS, DETAILS, AND SCHEDULES FOR PIPING AND PEPE SIZES NOT SHOCK. IN FLORE FLOOR OF THE TRUSSES UNLESS OTHERWISE INDIAGRAMS. PLAN IN ADMINISTRAL GRAPH FOR MAY BE RINN IN ATTEMALS, FINISHING, UTILITY COST, ETG (EXAMPLES: CONCRETE FOR ADE, FUNCTIONAL EPIPAL, ENGINEERING TO THE PROPOSED STRUCTURE PROCECUT MANULL DEFINES THE FINAL CONTRACT. THE WORK SCORE IN THE PROCECUT MANULL DEFINES THE FINAL CONTRACT. THE WORK SCORE IN THE PROCECUT MANULL DEFINES THE FINAL CONTRACT. THE WORK SCORE IN THE PROCECUT MANULL DEFINES THE FINAL CONTRACT. THE WORK SCORE IN THE PROCECUT MANULL DEFINES THE FINAL CONTRACT. THE WORK SCORE IN THE PROCECUT MANULL DEFINES THE FINAL CONTRACT. THE WORK SCORE IN THE PROCECUT MANULL DEFINES THE FINAL CONTRACT. THE WORK SCORE IN THE PROCECUT MANULL DEFINES THE FINAL CONTRACT. THE WORK SCORE IN THE PROCECUT MANULL DEFINES THE FINAL CONTRACT. THE WORK SCORE IN THE PROCECUT MANULL DEFINES THE PROPOSE PLETERIZATION FOR THE PROCECUT MANULL DEFINES THE PROACE PLANS FOR THE PROCECUT MANULL DEFINES THE PROACE PLANS FOR THE PROCECUT MANULL DEFINES THE PROPOSE PLETERIZATION FOR THE PROCECUT MANULL DEFINES THE PROPOSE PLETERIZATION FOR THE PROCECUT MANULL DEFINES THE PROCECUT MANULL DEFINES THE PROPOSE PLETERIZATION FOR THE PROCECUT MANULL DEFINES THE PROCECUT MANULL DEFINES THE PROPOSE PLETERIZATION FOR T									В.	OBTAIN A F	PLUMBING PERMIT	AND SECURE	INSPECTION AND	PROVAL OF THE		- INDICATES DIF	RECTION OF FLOW				DIII ES		
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PLUMBING SYSTEMS. THE WORK SCOPE TAKES PRECEDENCE OVER OTHER 204 S. Ludlow Street Suite 400 Dayton, Ohio 45402									6.	PLUMBING S	SYSTEMS ARE INC	LUDED IN THE	CONTRACT. THE			REFER TO [	DRAWING HO.1.		N I		7		`









**ENLARGED PLANS** 

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JEFFREY D. ZELINSKI 63822

ISSUE: NO. DATE DESCRIPTION 04/03/20 FOR

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CONSTRUCTION

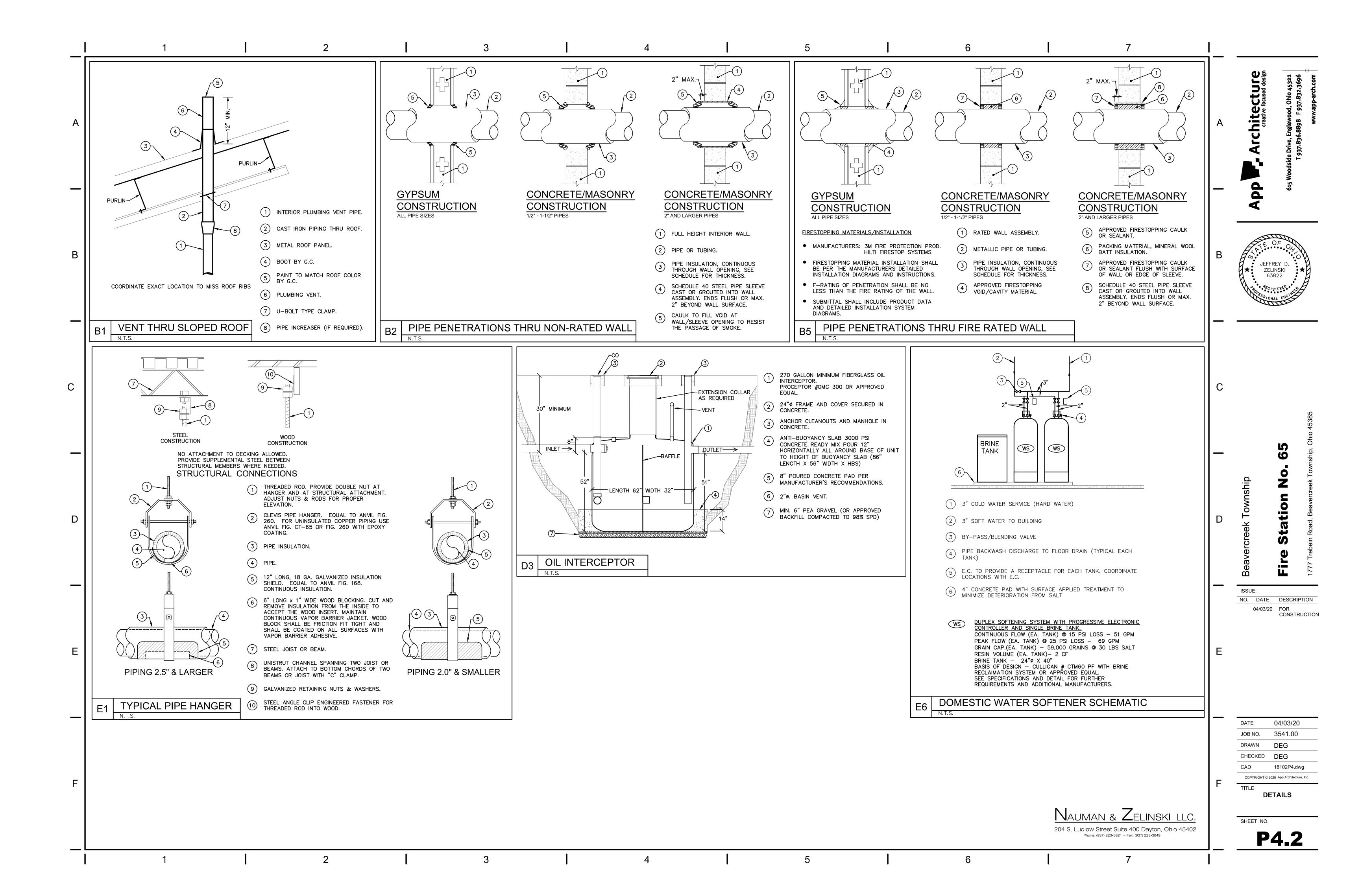
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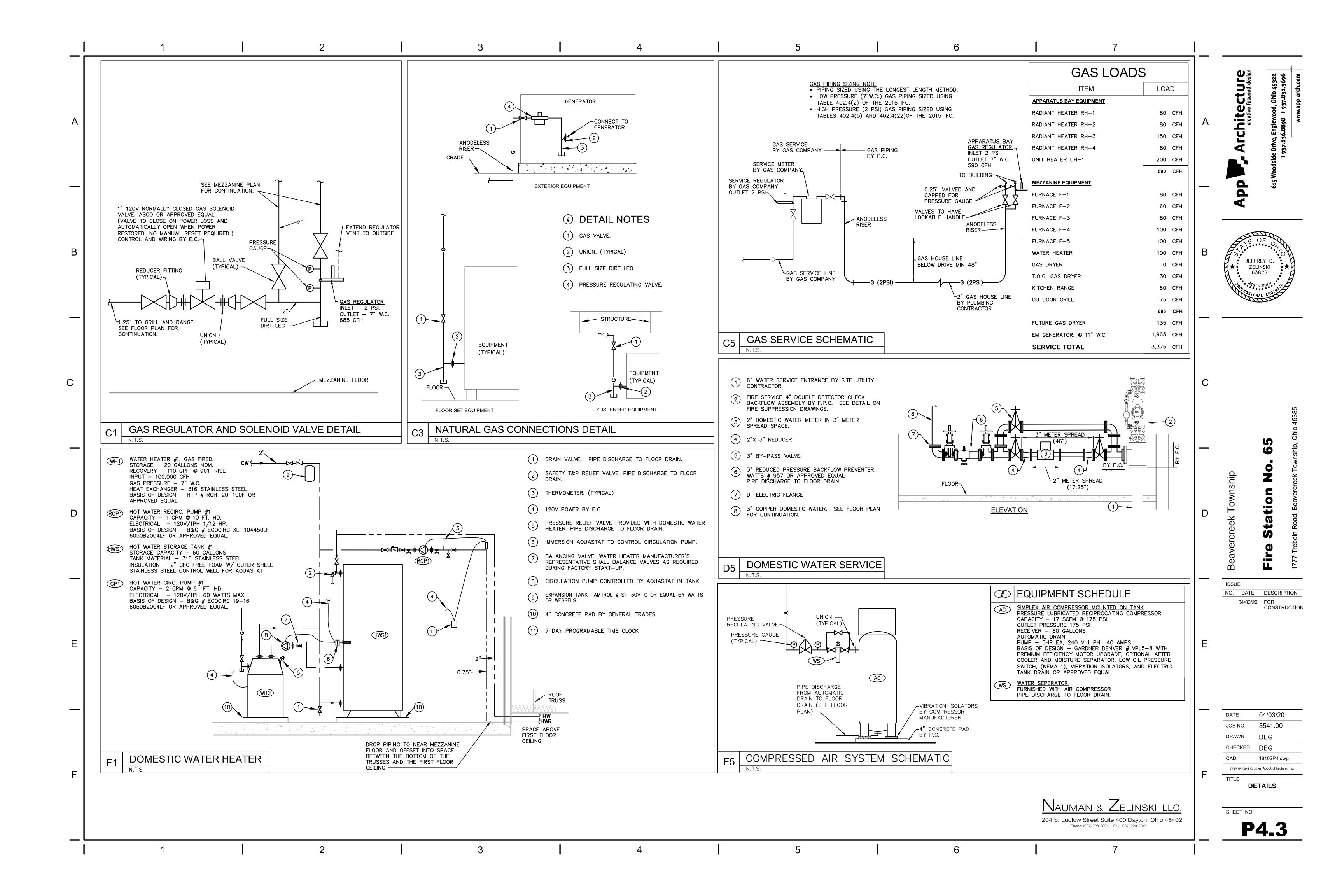
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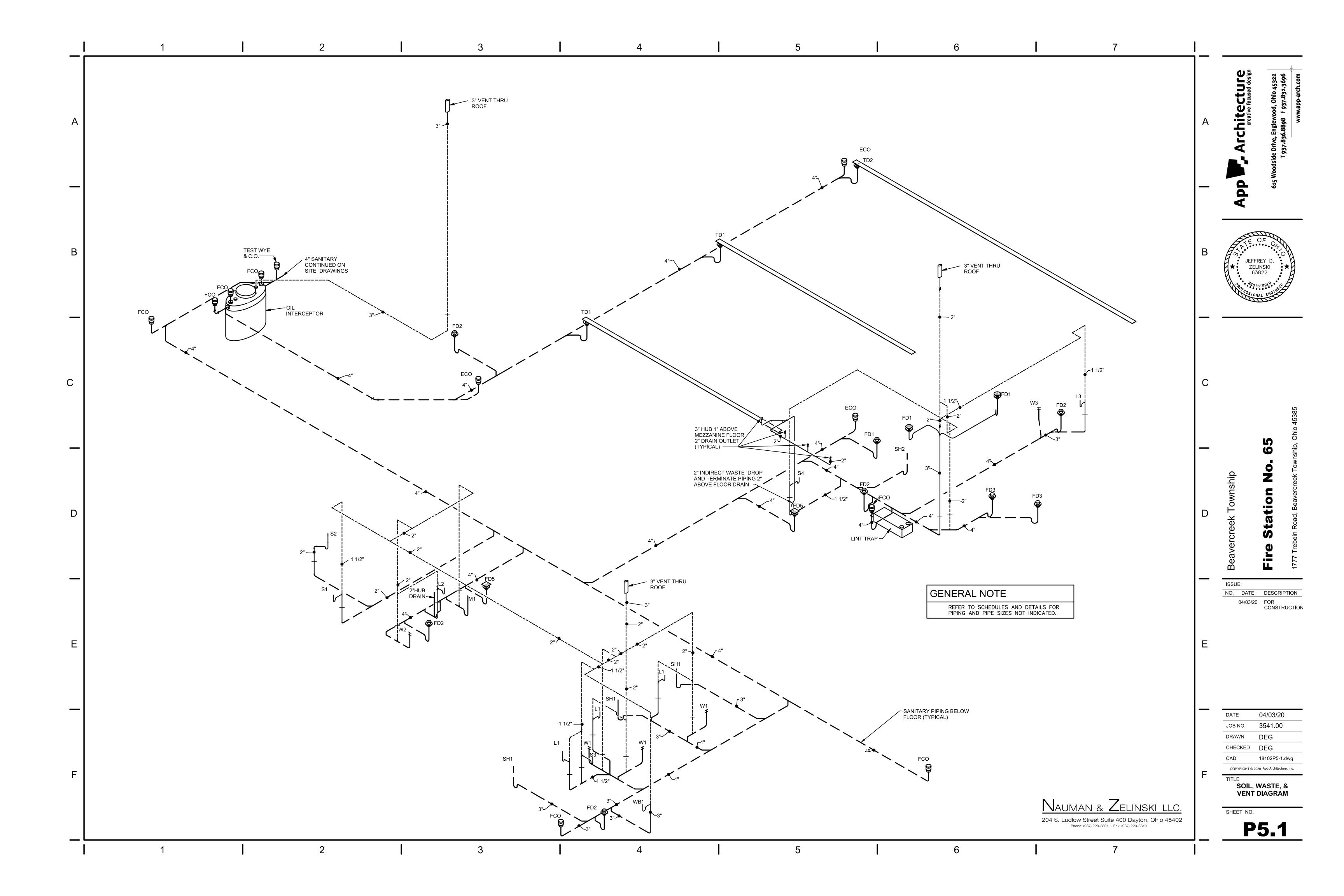
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**MATERIAL SCHEDULES** 

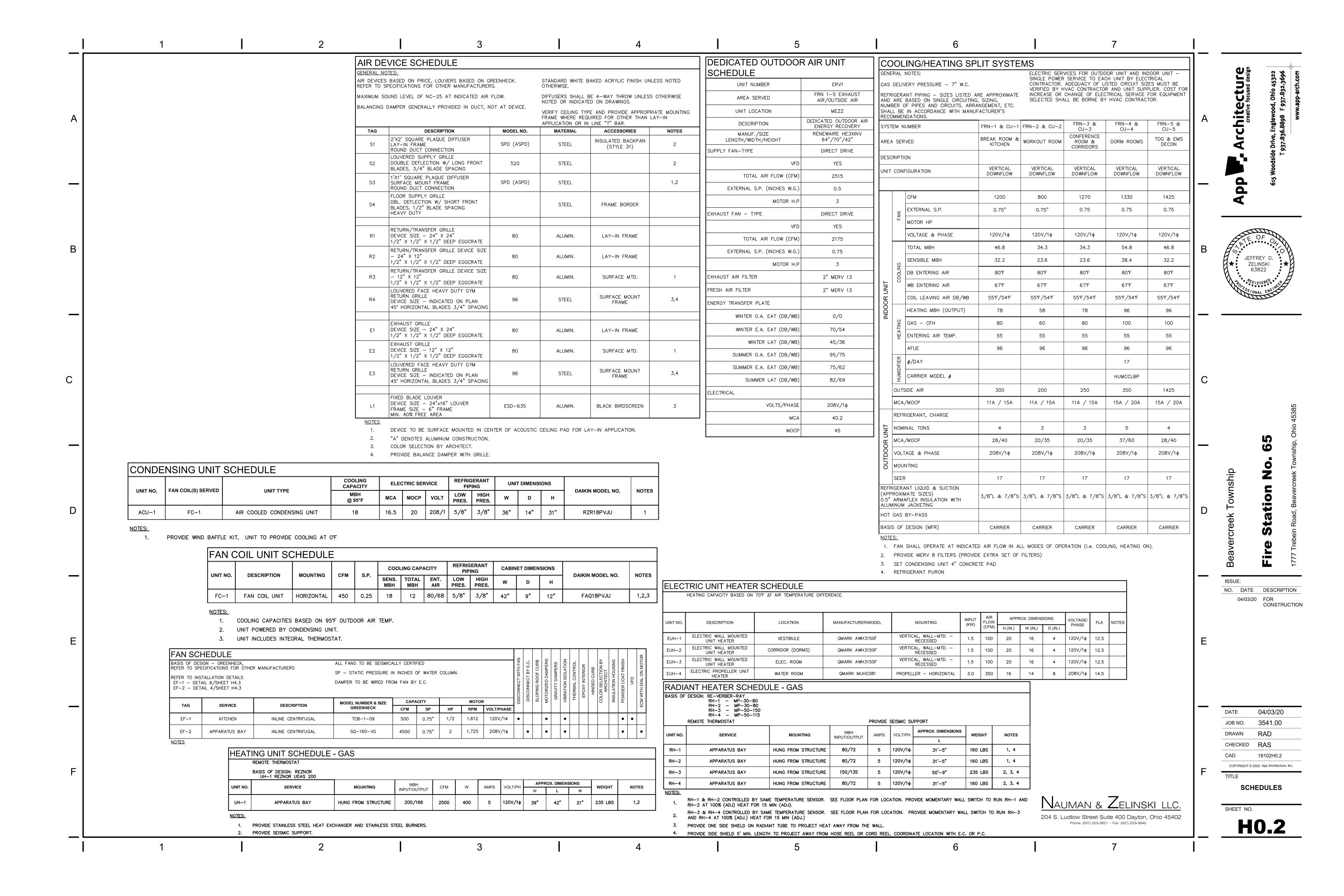
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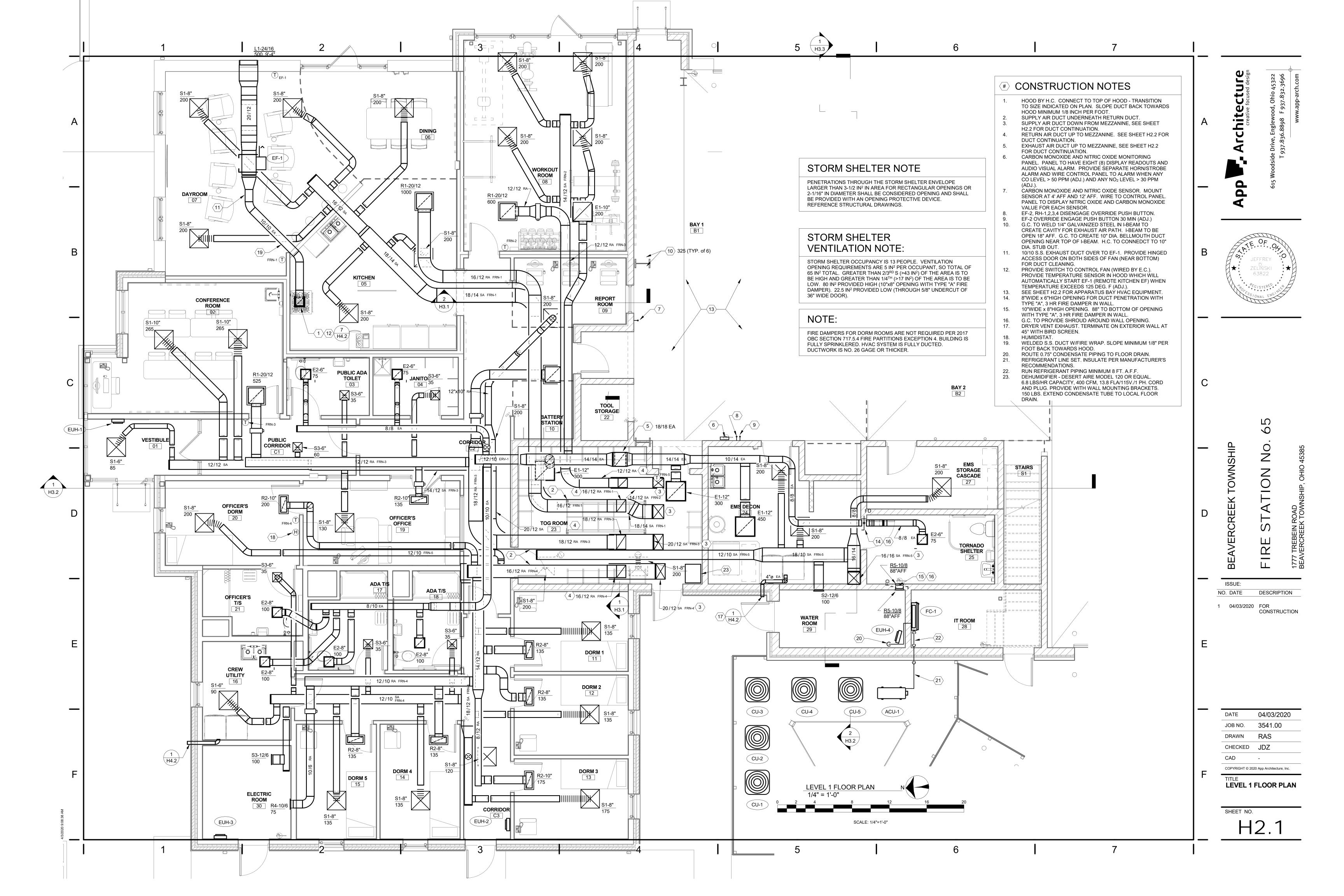


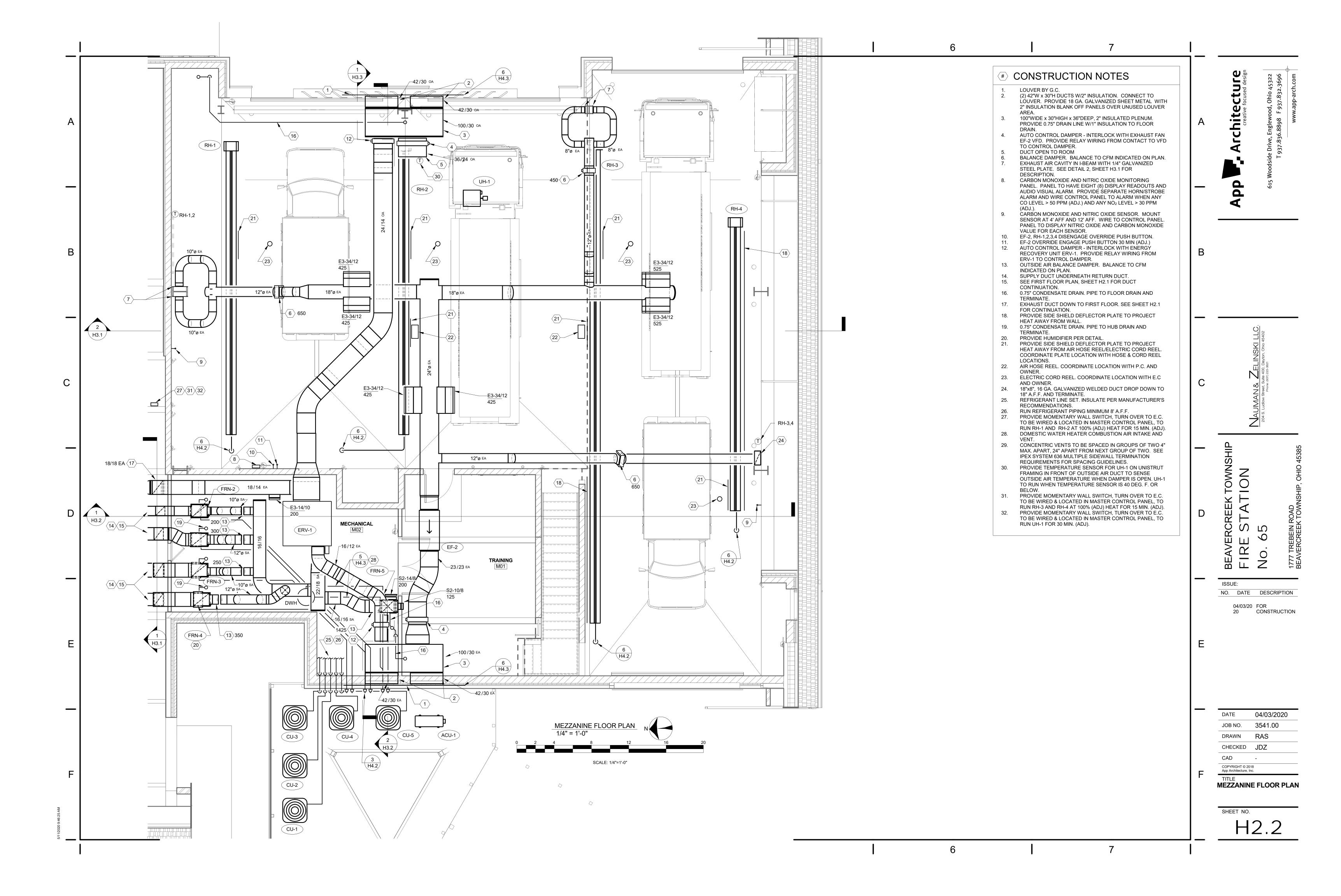


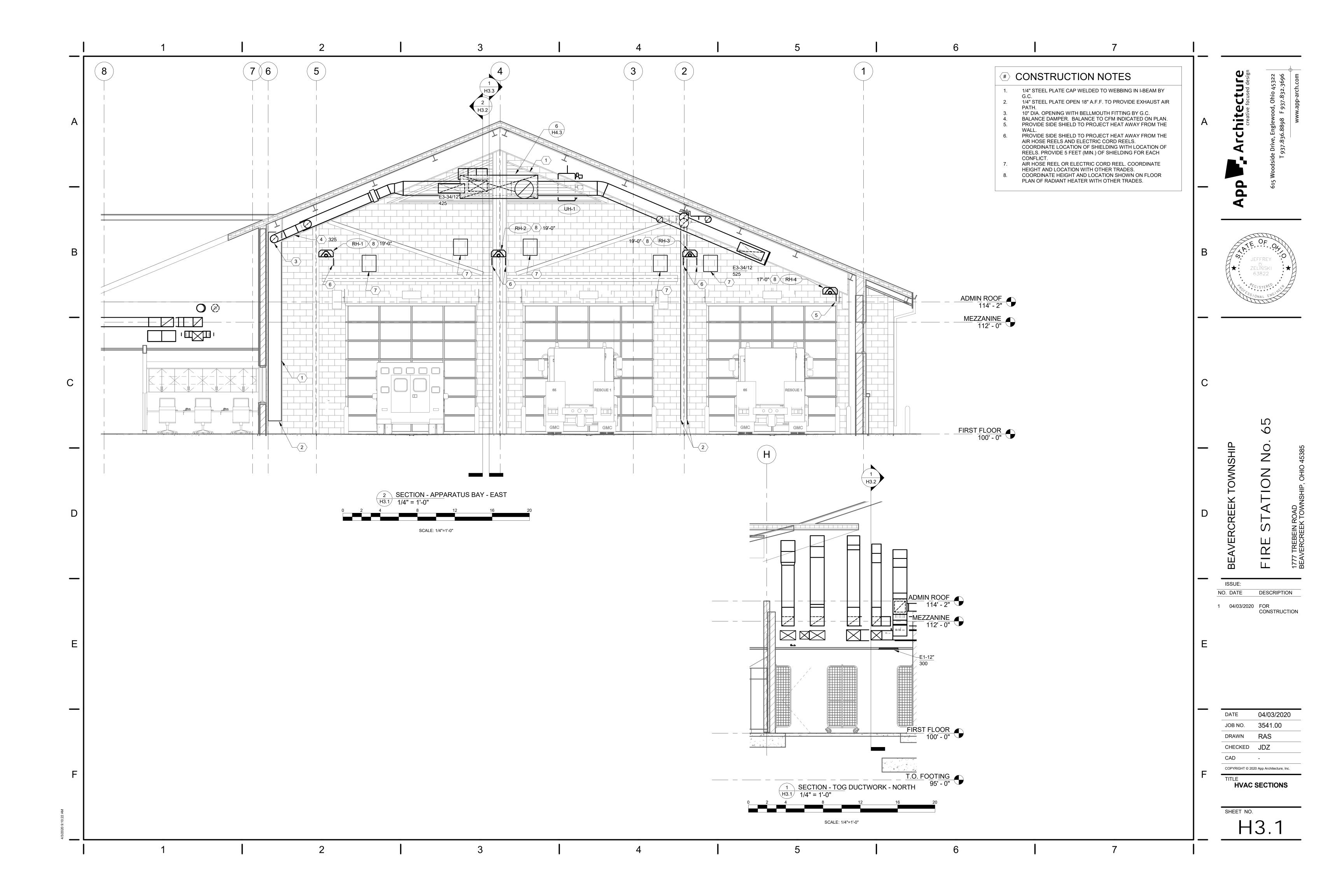


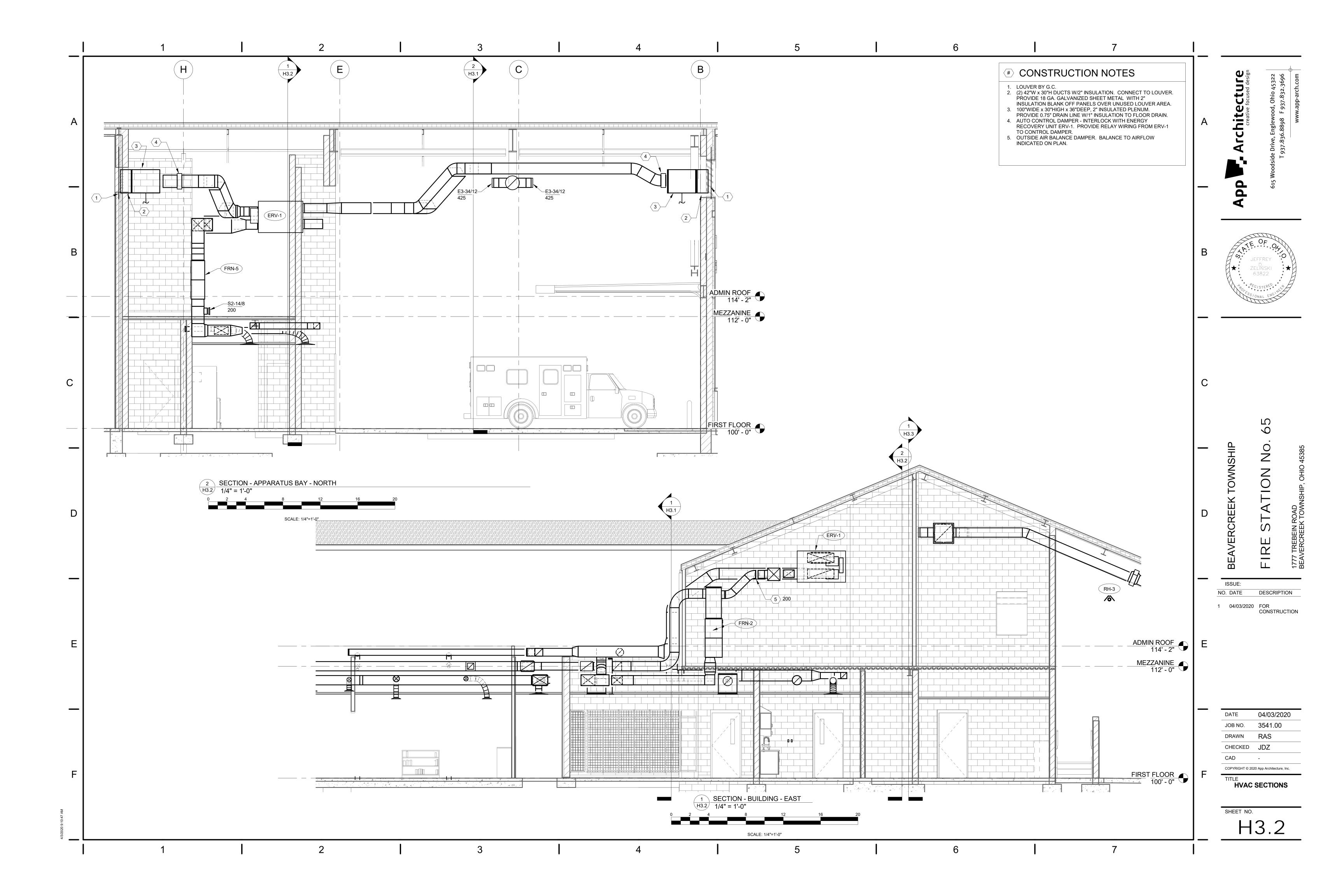
		SEISMIC CONTROL SPECIFICATIONS	SEISMIC GENEDAL DECLUDEMENTS	CENEDAL NOTES	GENERAL LEGEND		<b>415</b> —
		PART 1 — GENERAL	SEISMIC GENERAL REQUIREMENTS  1. THE PROJECT HAS SEISMIC LOAD SUPPORT REQUIREMENTS	GENERAL NOTES  1. PROVIDE COMPLETE AND FUNCTIONAL HVAC SYSTEMS PER	EC ELECTRICAL CONTRACTOR.		ed design
		1.1 SUMMARY  A. THIS SECTION INCLUDES THE FOLLOWING:	BASED ON THE SEISMIC USE GROUP (OCCUPANCY) DESIGNATION OF THE FACILITY OF "IV" AND SEISMIC	HVAC PLANS INCLUDING FURNISHING, INSTALLING, TESTING AND WARRANTY OF ALL WORK.	FC FIRE PROTECTION CONTRACTOR.  GC GENERAL CONTRACTOR.		e focuse d, Ohio
		1. SEISMIC CONTROL REQUIREMENTS.	DESIGN CATEGORY "C". REFER TO DRAWING SO.01 FOR ADDITIONAL INFORMATION.	2. WORK SHALL BE IN ACCORDANCE WITH THE 2017 OHIO BUILDING AND MECHANICAL CODES INCLUDING REFERENCED CODES AND STANDARDS, ALL FEDERAL, STATE, AND	HC HVAC CONTRACTOR.	A	creative trewood,
		1.2 PERFORMANCE REQUIREMENTS	2. SEISMIC DESIGN REQUIREMENTS FOR MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE PROVIDED AS REQUIRED BY 2017 OHIO BUILDING CODE CHAPTER 16,	LOCAL CODES AND ALL APPLICABLE LAWS, ORDINANCES AND REGULATIONS.	PC PLUMBING CONTRACTOR.		
		A. SEISMIC CERTIFICATION AND ANALYSIS  1. THE CONTRACTOR SHALL RETAIN A SPECIALTY CONSULTANT OR	SECTION 1613 EARTHQUAKE LOADS AND BY REFERENCE, THE AMERICAN SOCIETY OF STRUCTURAL ENGINEERS (ASCE) STANDARD 7-10 "MINIMUM DESIGN LOADS FOR	3. WORK SHALL BE PERFORMED USING BEST QUALITY INSTALLATION PRACTICE BY A QUALIFIED TRADE	NOTE SYMBOL — APPLIES ONLY TO SHEET ON WHICH IS SHOWN.		A Pi
		EQUIPMENT MANUFACTURER TO DEVELOP A SEISMIC RESTRAINT SYSTEM AND PERFORM SEISMIC CALCULATIONS IN ACCORDANCE WITH THE OBC AND ASCE 7, AND ADDITIONAL REQUIREMENTS	BUILDING AND OTHER STRUCTURES" (2010).	CONTRACTOR AND THEIR QUALIFIED SUBCONTRACTORS. ALL CONTRACTORS SHALL BE LICENSED AND BE BONDED FOR THE WORK.	DETAIL NOTE SYMBOL — APPLIES ONLY TO DETAIL ON WHICH IS SHOWN.		oodsic
		SPECIFIED IN THIS SECTION. A PROFESSIONAL ENGINEER EXPERIENCED IN SEISMIC RESTRAINT DESIGN AND INSTALLATION AND LICENSED IN THE STATE OF OHIO SHALL BE RESPONSIBLE	3. CHAPTER 13 OF ASCE 7-10 DEFINES THE REQUIREMENTS FOR THE MECHANICAL AND ELECTRICAL COMPONENTS.	4. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH OSHA AND OWNER SAFETY STANDARDS AND PRACTICES.	H-1) EQUIPMENT REFERENCE SYMBOL. ELECTRICAL CONNECTION REQUIRED.	-	<b>d</b>
		FOR CALCULATIONS, RESTRAINT SELECTIONS AND INSTALLATION DETAILS.	4. THE COMPONENT IMPORTANCE FACTOR, IP SHALL BE 1.5 FOR ALL COMPONENTS PER ASCE 7—10, 13.1.3 SINCE THE COMPONENTS ARE REQUIRED TO FUNCTION FOR LIFE	ALL ON SITE PERSONNEL SHALL BE SAFETY TRAINED AND	EQUIPMENT REFERENCE SYMBOL. NO ELECTRICAL CONNECTION REQUIRED.		ΑP
		2. THE SEISMIC RESTRAINT DESIGN SHALL CLEARLY INDICATE THE ATTACHMENT POINTS TO THE BUILDING STRUCTURE AND DESIGN	SAFETY PURPOSES AFTER AN EARTHQUAKE AS WELL AS THE COMPONENTS ARE ALL LOCATED WITHIN AN OCCUPANCY CATEGORY "IV" STRUCTURE.	5. OBTAIN REQUIRED PERMITS RELATED TO THE WORK AND PAY ALL PERMIT AND INSPECTION FEES.	DETAIL SYMBOL DETAIL "2" SHOWN ON SHEET H4.3.		
		FORCES IN ALL HORIZONTAL AND VERTICAL AXES AT THE ATTACHMENT POINTS. THE SEISMIC RESTRAINT ENGINEER SHALL COORDINATE ALL ATTACHMENTS WITH THE BUILDING'S	5. ASCE 7-10, TABLE 13.6-1 DEFINES THE SEISMIC AMPLIFICATION FACTOR Ap AND RESPONSE FACTOR Rp	6. THE AUTHORITY HAVING JURISDICTION SHALL INSPECT AND APPROVE ALL WORK. PROVIDE A FINAL CERTIFICATE OF APPROVAL FROM THE AUTHORITY HAVING JURISDICTION	SECTION SYMBOL		
		STRUCTURAL ENGINEER OF RECORD, WHO SHALL VERIFY THE ATTACHMENT METHODS AND THE ABILITY OF THE BUILDING STRUCTURE TO ACCEPT THE LOADS IMPOSED.	FOR EACH COMPONENT THAT SHALL BE USED IN DETERMINING THE ATTACHMENT REQUIREMENTS.	AND PRESENT TO THE OWNER BEFORE REQUESTING FINAL PAYMENT AND RELEASE OF RETAINAGE.	SECTION "1" DESIGNATION, SHOWN ON SHEET H3.1.	l <sub>R</sub>	TE OF ON
		3. THE SEISMIC RESTRAINT DESIGN SHALL BE BASED ON ACTUAL EQUIPMENT DATA (DIMENSIONS, WEIGHT, CENTER OF GRAVITY,	6. CERTAIN COMPONENTS TO BE SEISMICALLY BRACED AND SUPPORTED ARE TO ALSO INCLUDE VIBRATION ISOLATION	7. ALL EQUIPMENT AND MATERIAL REQUIRED FOR COMPLETE AND FUNCTIONAL HVAC SYSTEMS ARE INCLUDED IN THE	1 HOUR FIRE PROTECTION SEE SPECIFICATION FOR PENETRATION DETAILS.		JEFFREY D. ★ ZELINSKI
		ETC.) OBTAINED FROM SUBMITTALS OR THE MANUFACTURERS. THE EQUIPMENT MANUFACTURER SHALL VERIFY THAT THE	WHERE INDICATED.  7. COMPONENTS OR SYSTEMS CAN BE INSTALLED IN A	CONTRACT.	2 HOUR FIRE PROTECTION SEE SPECIFICATION FOR PENETRATION DETAILS.		63822
		ATTACHMENT POINTS ON THE EQUIPMENT CAN ACCEPT THE COMBINATION OF SEISMIC, WEIGHT, AND OTHER LOADS IMPOSED. FOR LIFE SAFETY SYSTEMS AND OTHER SYSTEMS THAT MUST	MANNER TO REDUCE SEISMIC BRACING OR SUPPORT REQUIREMENTS. ALL MECHANICAL AND ELECTRICAL SYSTEMS MUST FUNCTION AFTER AN EARTHQUAKE.	GENERAL REQUIREMENTS	3 HOUR FIRE PROTECTION		PO PEGISTERED NO STORES
		REMAIN OPERATIONAL DURING AND AFTER AN EARTHQUAKE, THE MANUFACTURER SHALL PROVIDE CERTIFICATION THAT THE EQUIPMENT CAN ACCEPT THE LOADS IMPOSED AND REMAIN	EQUIPMENT, COMPONENTS, PIPING, DUCTWORK, CONDUIT, COMMUNICATION CABLING, ETC. SHALL BE SEISMICALLY	PROTECT ALL FURNISHED MATERIAL AND EQUIPMENT FROM THEFT AND DETERIORATION OR CONTAMINATION DUE TO  WEATHER OR CONSTRUCTION ACTIVITIES.  **TOTAL CONTROL OF THE PROPERTY O	SEE SPECIFICATION FOR PENETRATION DETAILS.  DUCTWORK LEGEND		
		OPERATIONAL.  4. ANALYSIS SHALL INCLUDE CALCULATED DEAD LOADS, STATIC	BRACED. GENERAL GUIDELINES OR APPROACH FOR PROJECT SYSTEMS:	WEATHER OR CONSTRUCTION ACTIVITIES.  2. PROTECT OWNERS PROPERTY AND PROPERTY OF OTHER CONTRACTORS	RECTANGULAR DUCT		
		SEISMIC LOADS, AND CAPACITY OF MATERIALS UTILIZED FOR THE CONNECTION OF THE EQUIPMENT OR SYSTEM TO THE	A. DUCTWORK IS DESIGNED TO BE LESS THAN 6 SQ. FT., NO SEISMIC BRACING.	CONTRACTORS.  3. REMOVE ALL CONSTRUCTION DEBRIS FROM SITE. RECYCLE DEBRIS WHERE DOSSIDLE DISPOSE OF ALL HAZARDOUS	FIRST FIGURE IS SIDE SHOWN SA - INDICATES SUPPLY AIR		
		STRUCTURE. ANALYSIS SHALL DETAIL ANCHORING METHODS, BOLT DIAMETER, EMBEDMENT AND/OR WELDED LENGTH. ALL SEISMIC RESTRAINT DEVICES SHALL BE DESIGNED TO ACCEPT,	B. PIPING SHOULD BE HUNG TIGHT TO STRUCTURE WITH THREADED ROD LESS THAN 12", NO SEISMIC BRACING IF INSTALLED IN THIS MANNER.	DEBRIS WHERE POSSIBLE. DISPOSE OF ALL HAZARDOUS MATERIAL IN ACCORDANCE WITH ENVIRONMENTAL LAWS.	ROUND DUCT		
		WITHOUT FAILURE, THE FORCES DETAILED IN THE CODE ACTING THROUGH THE EQUIPMENT OR SYSTEM'S CENTER OF GRAVITY.	C. HVAC SYSTEMS IN-LINE WITH DUCT SYSTEM (FANS, HUMIDIFIERS) ARE LESS THAN 75 LBS., NO SEISMIC	4. PROVIDE ALL CUTTING AND PATCHING REQUIRED TO INSTALL MATERIAL AND EQUIPMENT.	DIAMETER INDICATED  RA - INDICATES RETURN AIR		
		1.3 SUBMITTALS  A. DELEGATED—DESIGN SUBMITTAL: THE SEISMIC RESTRAINT DESIGN,	BRACING.  D. FLOOR OR GRADE SET EQUIPMENT, TO BE ANCHORED	5. EXISTING ROOF PATCHING SHALL BE SUBCONTRACTED TO A BONDED ROOFING CONTRACTOR FAMILIAR WITH THE ROOFING SYSTEM. MAINTAIN ANY REMAINING ROOF			
		CONSISTING OF CALCULATIONS, RESTRAINT SELECTION, INSTALLATION DETAILS, AND OTHER DOCUMENTATION, SHALL BE SUBMITTED. THIS	TO EQUIPMENT PAD AND IN TURN SECURED TO THE FLOOR.	WARRANTY.  6. PROVIDE APPROPRIATE FIRESTOPPING SYSTEM FOR	CHANGE OF ELEVATION  R = RISE, D = DROP		
		SUBMITTAL SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, AS STATED ABOVE. THIS SUBMITTAL WILL BECOME PART OF THE PROJECT DESIGN CALCULATIONS, INCLUDED IN THE PROJECT	E. FIRE SUPPRESSION PIPING SHALL SEISMIC BRACED PER THE REQUIREMENTS OF NFPA 13.	ANNULAR SPACE OPENINGS AROUND DUCT AND PIPE PENETRATIONS THROUGH FIRE RESISTANCE RATED CONSTRUCTION. ANNULAR SPACE OPENINGS AT DUCT OR	ELBOW WITH TURNING VANES		
		RECORDS, AND WHEN REQUIRED, WILL BE SUBMITTED TO THE AUTHORITY HAVING JURISDICTION.	F. FLOOR/WALL MOUNTED ELECTRICAL EQUIPMENT, PANELBOARDS, AUTOMATIC TRANSFER SWITCHES, ETC.	PIPE PENETRATIONS IN NON RATED CONSTRUCTION TO BE CLOSED AIR AND WATER TIGHT.			r)
		B. SEISMIC RESTRAINT DEVICES: PRODUCT DATA, VERIFICATION OF SEISMIC CAPABILITIES AND INSTALLATION DETAILS.	SHALL BE SEISMICALLY BRACED/SUPPORTED.  G. LIGHTING FIXTURES SHALL BE SUPPORTED	7. MATERIALS AND EQUIPMENT SHALL BE ONE OF THE BRAND OR MANUFACTURERS LISTED OR AN APPROVED EQUAL.	ROUND RUNOUT DUCT TAP TO RECTANGULAR DUCT WITH SPIN-IN FITTING, SEE DETAIL		Ö
		C. WELDING CERTIFICATES.  D. FIELD QUALITY—CONTROL TEST REPORTS.	INDEPENDENTLY OF SUSPENDED CEILING SYSTEMS.  H. CEILING FANS SHALL BE SEISMICALLY	8. ELECTRONIC SHOP DRAWINGS SHALL BE PROVIDED IN .PDF FORMAT FOR THE ENGINEER'S APPROVAL FOR ALL			<u>.</u>
		1.4 QUALITY ASSURANCE	BRACED/SUPPORTED.	MATERIALS AND EQUIPMENT. SHOP DRAWINGS SHALL BE SPECIFICALLY EDITED TO ELIMINATE SUPERFLUOUS INFORMATION AND SHALL CLEARLY SHOW SPECIFICS FOR	ROUND RUNOUT DUCT FITTING IN ROUND DUCT		ishi
		A. COMPLY WITH SEISMIC-RESTRAINT REQUIREMENTS IN THE OBC UNLESS REQUIREMENTS IN THIS SECTION ARE MORE STRINGENT.	I. CONDUITS 2.5" AND LARGER SHALL BE SEISMICALLY BRACED/SUPPORTED.	THE MATERIAL AND EQUIPMENT PROVIDED.  9. COORDINATE INSTALLATION OF ACTUAL EQUIPMENT AND	MAIN		
		B. WELDING: QUALIFY PROCEDURES AND PERSONNEL ACCORDING TO AWS D1.1/D1.1M, "STRUCTURAL WELDING CODE — STEEL."		SYSTEMS PROVIDED WITH OTHER TRADES AND NEW OR EXISTING CONDITIONS.	VOLUME DAMPER	D	÷ ±
		C. ALL SEISMIC RESTRAINTS AND COMBINATION ISOLATOR / RESTRAINTS SHALL HAVE VERIFICATION OF THEIR SEISMIC CAPABILITIES.		10. PROJECT CONDITIONS REQUIRE COORDINATION TO MAKE SYSTEMS FIT IN THE AVAILABLE SPACE. HVAC			St.
		MANUFACTURERS MAY VERIFY THEIR CAPABILITIES BY TESTING THAT IS WITNESSED BY AN INDEPENDENT PROFESSIONAL ENGINEER OR AN		CONTRACTOR SHALL PROVIDE AN INITIAL 1/4"=1'0" SET OF DRAWINGS AND DISTRIBUTED TO OTHER TRADE CONTRACTORS	FD FIRE DAMPER		<b>e</b> sker
		ASSOCIATION THAT HAS DEVELOPED A UNIFORM SET OF TEST STANDARDS. INDEPENDENT APPROVAL CAN ALSO BE OBTAINED BY AGENCIES SUCH AS OSHPD (OFFICE OF STATEWIDE HEALTH, PLANNING		SHALL COOPERATE TO MODIFY THEIR RESPECTIVE MATERIAL AND EQUIPMENT INSTALLATION AND DEPICT ON A DETAILED, FINISHED COORDINATION SET OF DRAWINGS			Be Be
		AND DEVELOPMENT) FROM THE STATE OF CALIFORNIA, NES, ICBO ES, FACTORY MUTUAL, UNDERWRITERS LAB, RECOGNIZED INDUSTRY STANDARDS ORGANIZATIONS SUCH AS VISCMA, ETC.		BEFORE INSTALLATION. ALLOW FOR EXPECTED MINOR OFFSETS OR RELOCATION SYSTEM OR EQUIPMENT WITHOUT REQUEST FOR COMPENSATION ADJUSTMENT.	SUPPLY DUCT SECTION - RISE, DROP	-	ISSUE:
		PART 2 - PRODUCTS		11. PROVIDE FINAL COORDINATION/INSTALLATION DRAWINGS TO	RETURN DUCT SECTION — RISE, DROP		NO. DATE DES 04/03/20 FOR
		2.1 SEISMIC-RESTRAINT DEVICES		THE OWNER IN BOUND PAPER AS WELL AS ELECTRONIC FORMAT FOR RECORD.	SUPPLY AIR DEVICE S1 $\frac{S1-8"}{300}$ SEE SCHEDULE AND DETAIL $8" = \text{NECK SIZE}$		CON
		A. SEISMIC RESTRAINT DEVICES MAY INCLUDE ANY MANUFACTURER'S SYSTEM(S) SUITABLE FOR THE BUILDING CONSTRUCTION APPLICATION.	INDEX OF DRAWINGS	12. INSTALL ALL MATERIALS AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.	300 = REQUIRED AIR FLOW (CFM)  TRANSFER/RETURN AIR DEVICE WITH PLENUM		
		B. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:	SHEET DRAWING TITLE  HO.1 LEGEND & SCHEDULES	13. INSTALL ALL MATERIAL AND EQUIPMENT TO PROVIDE REQUIRED CLEARANCES TO MEET CODE REQUIREMENTS,	BOX ABOVE R1 24"X24" WITH PLENUM	E	
		1. THE VMC GROUP (VIBRATION MOUNTING AND CONTROLS) 2. MASON INDUSTRIES	HO.2 SCHEDULES	MANUFACTURER'S RECOMMENDATIONS AND MAINTENANCE SERVICE.	R1 DEVICE TAG, SEE SCHEDULE AND DETAIL  TRANSFER/RETURN AIR DEVICE WITH PLENUM		
		2. MASON INDUSTRIES 3. KINETICS NOISE CONTROL.	H2.1 LEVEL 1 FLOOR PLAN	14. ALL WORK AREAS SHALL BE CLEANED TO MATCH ORIGINAL CONDITION.	BOX ABOVE  24"X12" WITH PLENUM  R1 DEVICE TAG, SEE SCHEDULE AND DETAIL		
			H2.2 MEZZANINE FLOOR PLAN H3.1 HVAC SECTIONS	15. PROVIDE TESTING, ADJUSTING AND BALANCING (TAB) REPORTS FOR AIR AND WATER SYSTEMS. A CERTIFIED AABC OR NEBB FIRM SHALL PROVIDE THE BALANCE.	RETURN/EXHAUST/TRANSFER GRILLE R1 WITH		
			H3.2 HVAC SECTIONS	16. MAINTAIN RECORD DRAWINGS AND PROVIDE TO THE OWNER	PLENUM BOX ABOVE  R1 = DEVICE TAG, SEE SCHEDULE AND DETAIL  10" = RUNOUT SIZE	<b> </b>	DATE 04/03
			H3.3 HVAC SECTIONS	OR HIS AGENT.  17. PROVIDE TWO (2) BOUND, PAPER COPIES OF ALL	250 = REQUIRED AIR FLOW (CFM) DEVICE SIZE AS DEPICTED ON DRAWINGS OR AS INDICATED IN AIR DEVICE SCHEDULE		JOB NO. 3541
			H4.1 DETAILS H4.2 DETAILS	OPERATING AND MAINTENANCE MANUALS. PROVIDE AN ELECTRONIC COPY OF THE OPERATING AND MAINTENANCE MANUAL.	SIDEWALL AIR DEVICE SEE AIR DEVICE SCHEDULE		DRAWN RAD CHECKED RAS
			H4.3 DETAILS	18. PROVIDE WARRANTY FOR ALL WORKMANSHIP, EQUIPMENT AND MATERIAL. WARRANTY SHALL BE 1 YEAR FOR PART	$\frac{S2-24/12}{300-8'6''}  24/12 = \text{DEVICE SIZE} \\ 300 = \text{AIR FLOW (CFM)}$		CAD 18102H
			H5.1 VENTILATION CALCULATIONS	AND LABOR, PROVIDE EXTENDED WARRANTY PERIOD FOR PARTS AND/OR LABOR AS IDENTIFIED OR AS STANDARD	8'6" = MOUNTING HEIGHT (AFF)  (T) ROOM TEMPERATURE SENSOR	F	COPYRIGHT © 2020 App Arc
				FOR CERTAIN ITEMS OF EQUIPMENT.  19. PROVIDE TRAINING AND MAINTENANCE INSTRUCTION FOR	TOOM TEMILETATORE SENSOR		LEGEND 8 SCHEDULE
				SYSTEMS AND EQUIPMENT TO THE OWNER. TRAINING SHALL BE 16 HOURS OF TIME WITH MAXIMUM TRAINING PERIOD OF 4 HOURS.	Nauman & Zelinski llc.		SHEET NO.
					204 S. Ludlow Street Suite 400 Dayton, Ohio 45402  Phone: (937) 223-3821 ~ Fax: (937) 223-3849		Н0.

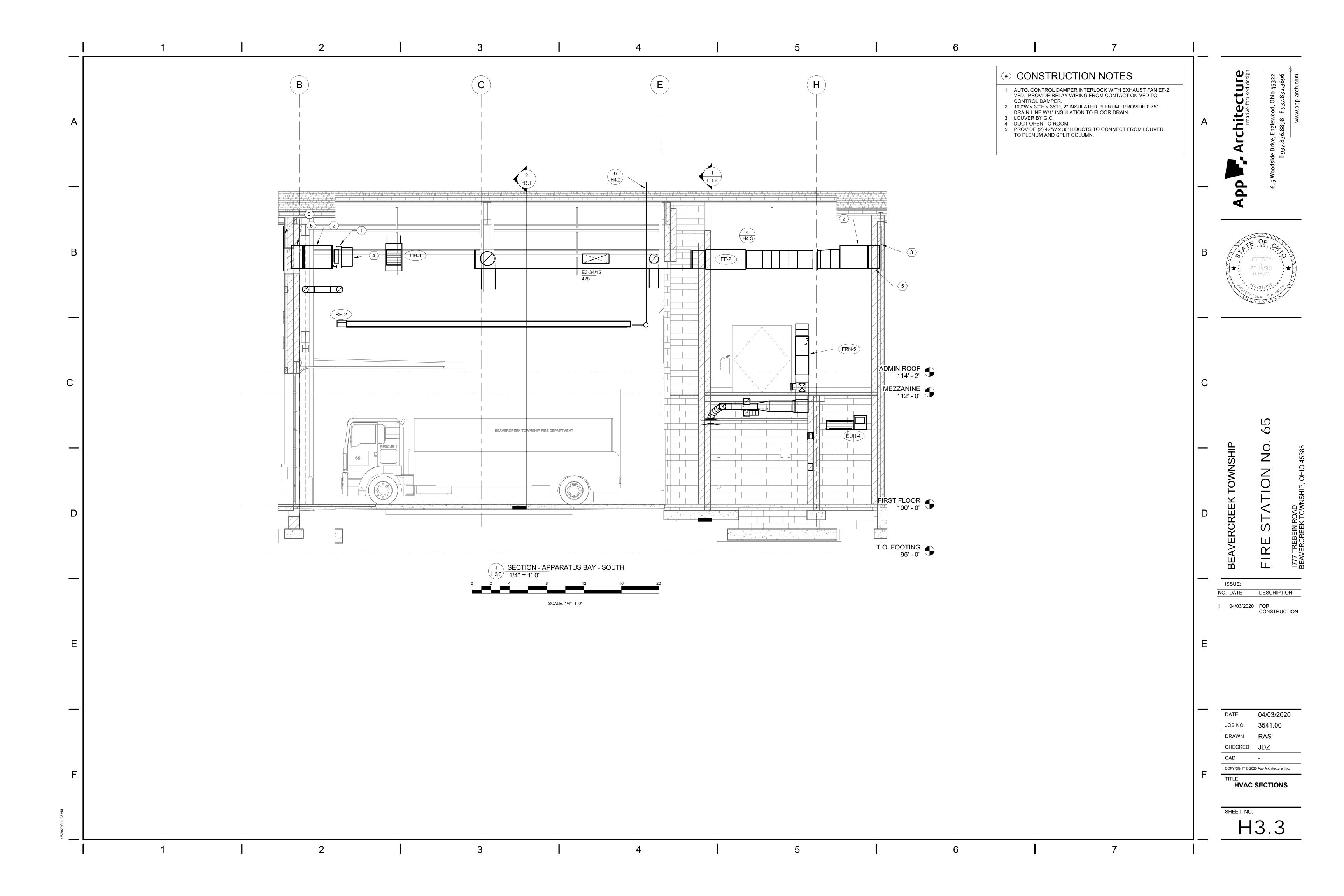


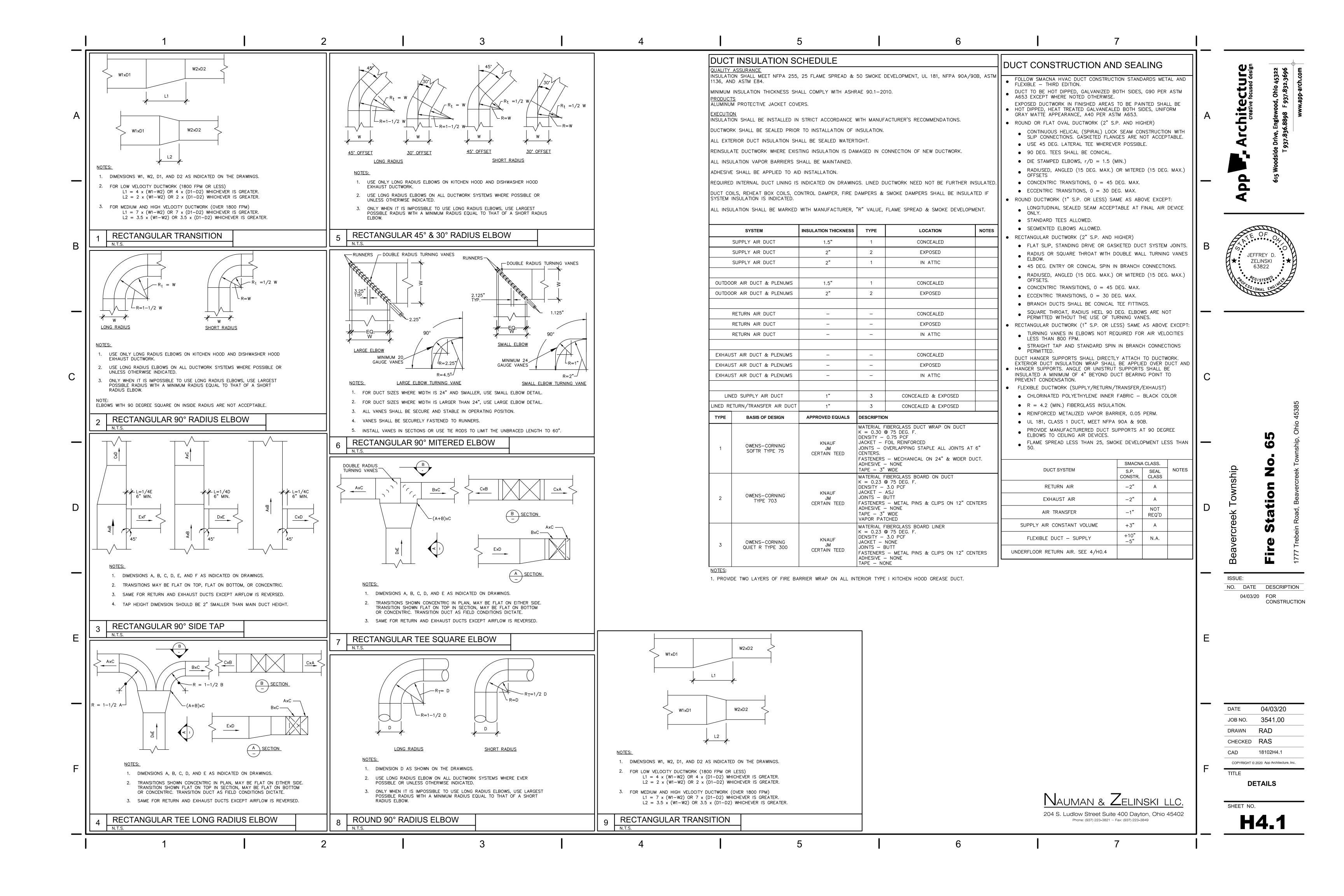


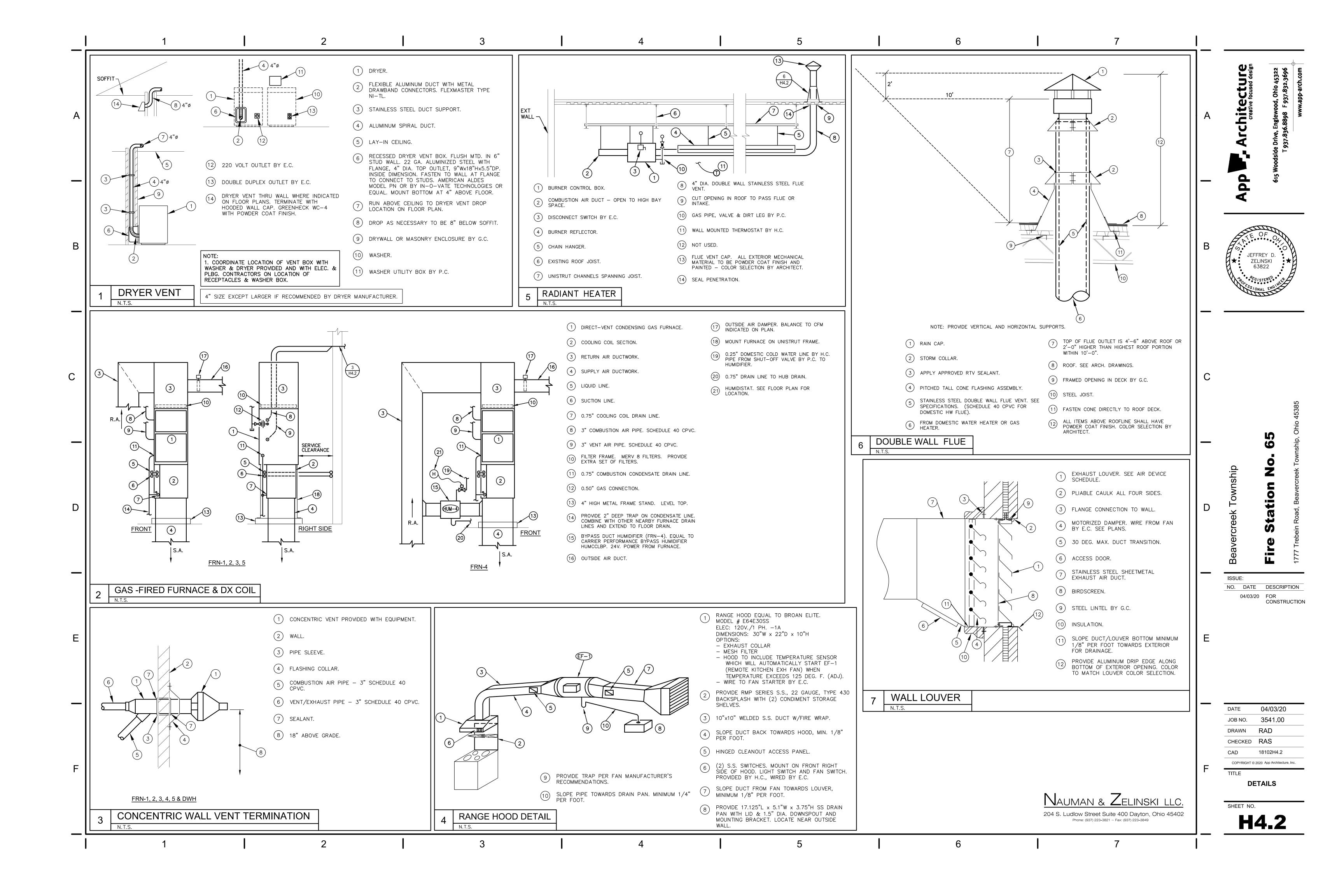


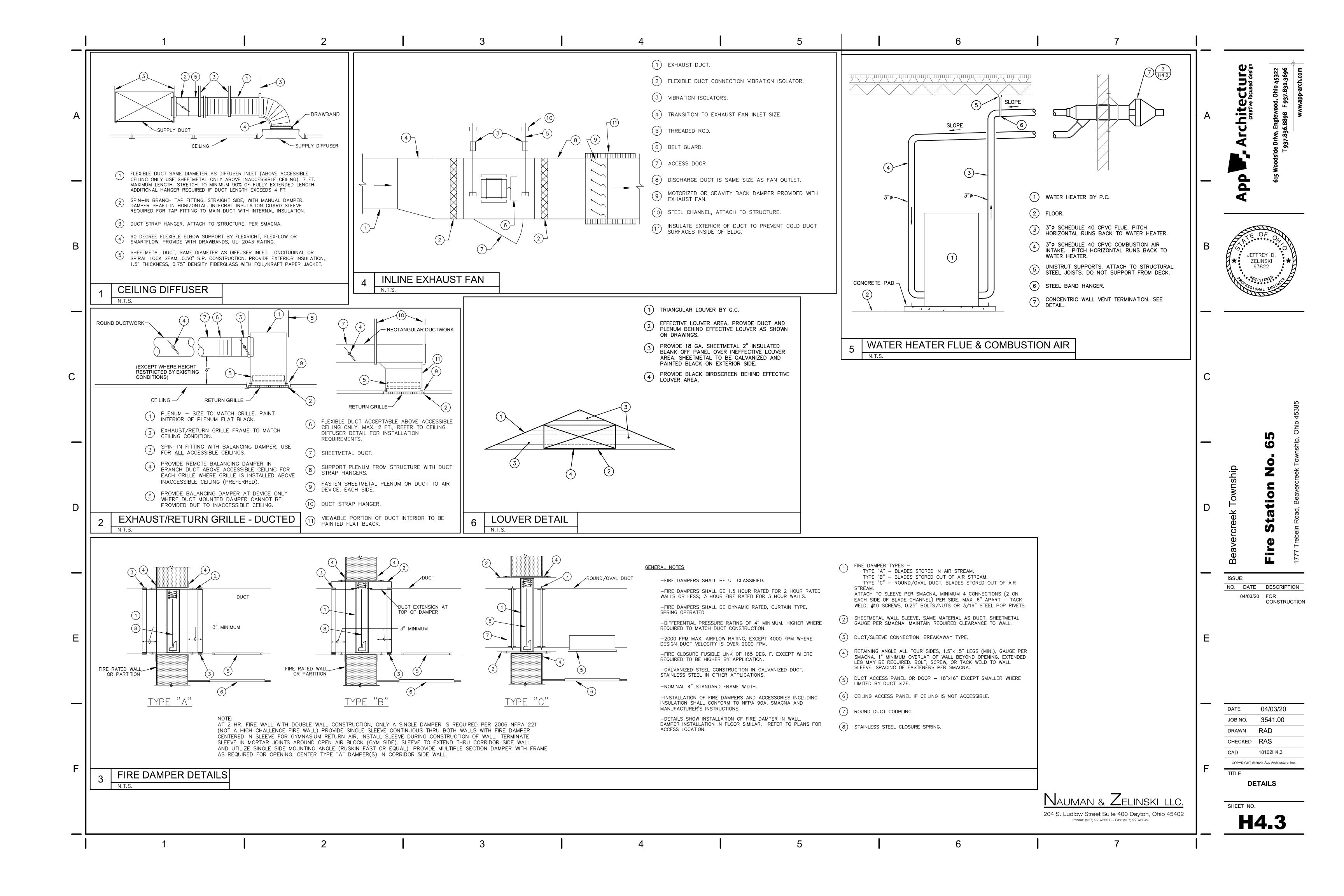


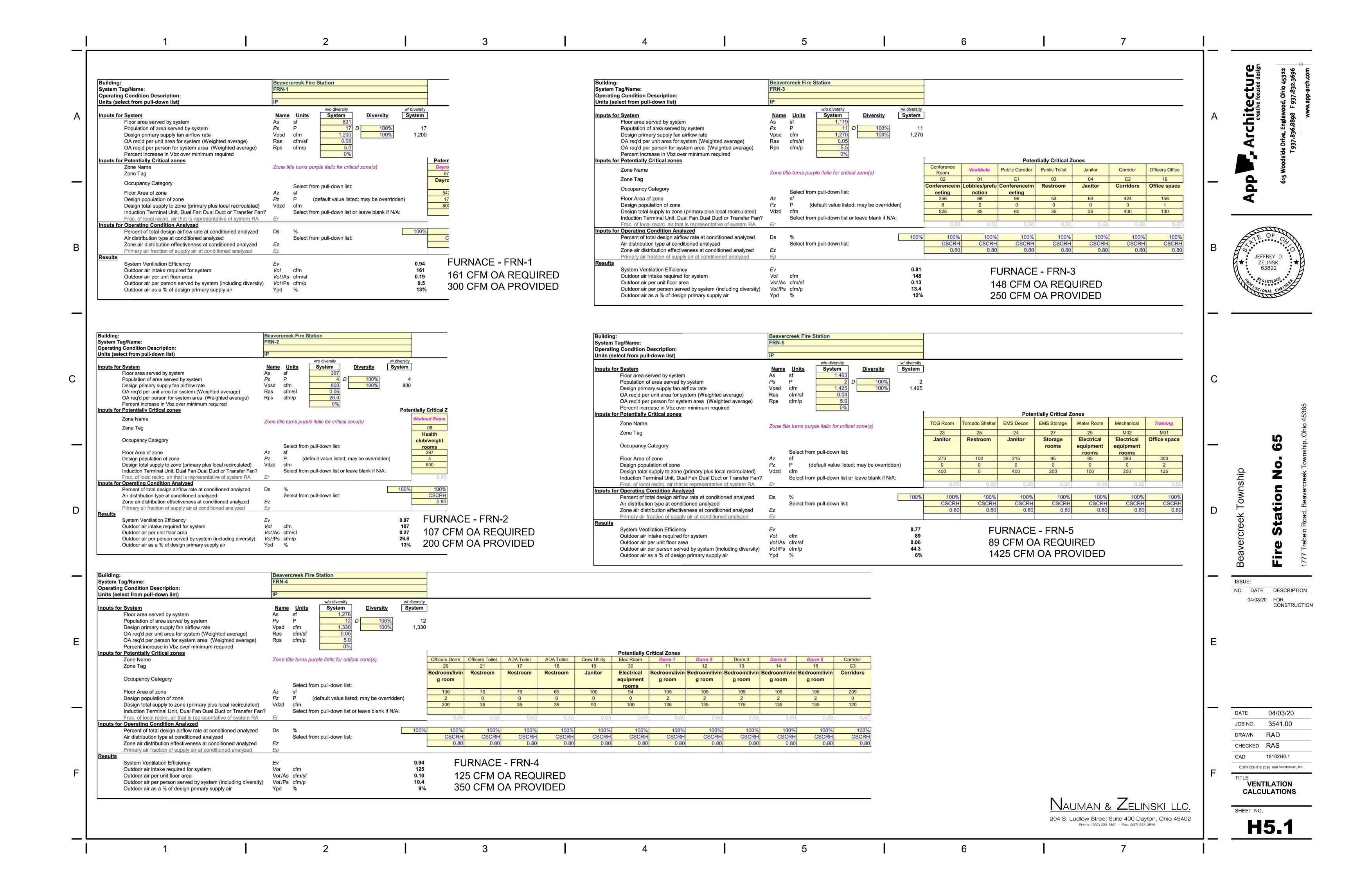












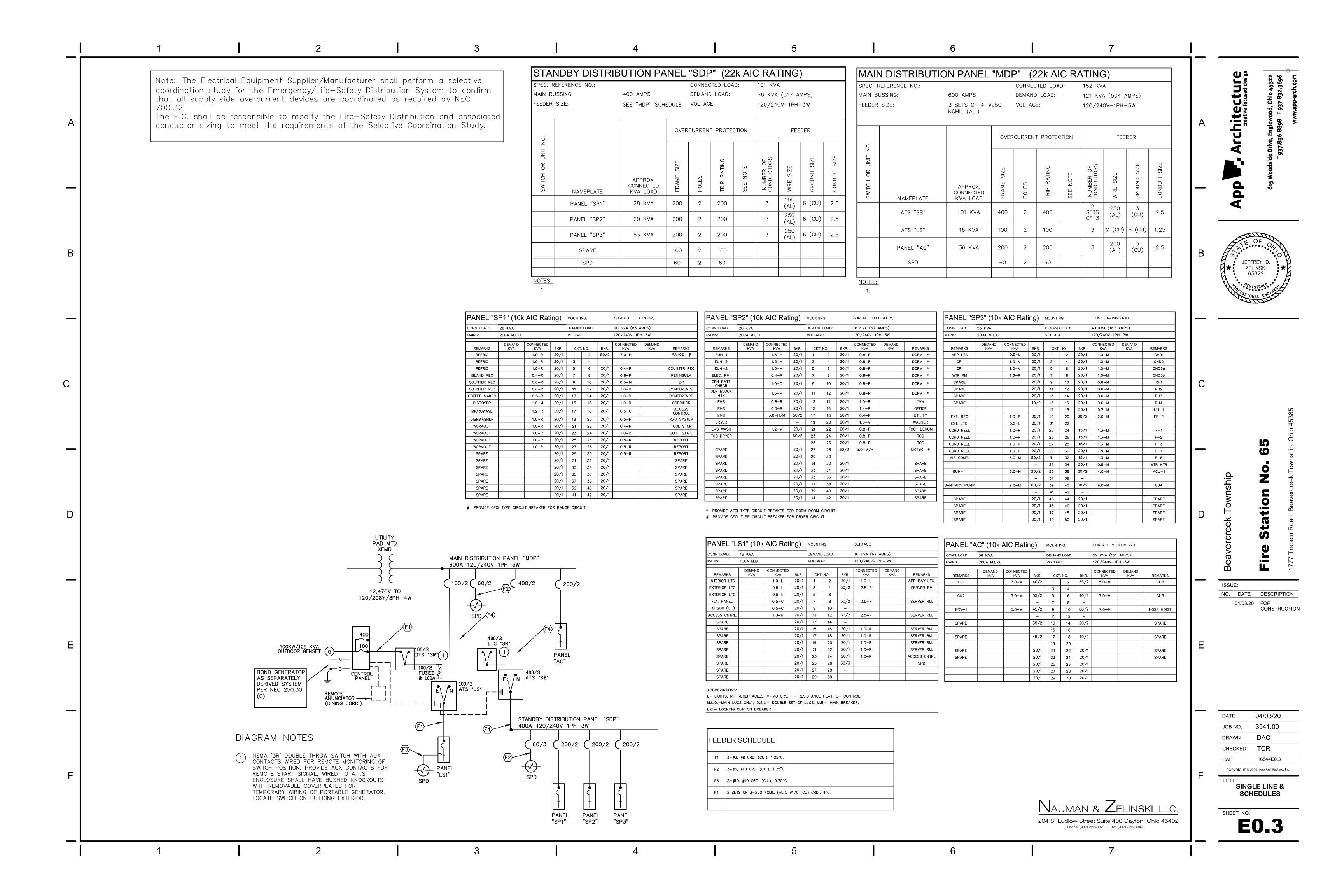
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		ELECTRICAL LEGEND CONT'D	ELECTR	RICAL LEGEND CONT'D	ELECTR	ICAL LEGEND	GENERAL NO	OTES		<b>1</b>
		DUCT MOUNTED SMOKE DETECTOR (S/SUPPLY, R/RETURN).  WATER FLOW SWITCH.	<u> </u>	CEILING MOUNTED LIGHTING CONTROL OCCUPANCY SENSOR. WHERE SUBSCRIPT IS SHOWN, IE: "H-301", INDICATES MULTIPLE SENSORS WIRED TOGETHER TO CONTROL HALLWAY/CORRIDOR LIGHTING.	~ i⊗	ELECTRICAL CONNECTION REQUIRED.  EXIT LIGHTING FIXTURE. ARROWS AS INDICATED.  LIGHTING FIXTURE:	OHIO BUILDING REFERENCED C	ALL BE IN ACCORDANCE WITH THE 2017 CODE AND 2017 NEC, INCLUDING ODES AND STANDARDS, ALL LOCAL AND AND MEET APPROVAL OF AUTHORITIES		<b>Ctur</b> focused des Ohio 4532 37.832.369
Α		VALVE SUPERVISORY SWITCH.  DUCT MOUNTED DETECTOR REMOTE TEST STATION AND ALARM INDICATOR LIGHT.	(EM)	EMERGENCY LIGHTING CONTROL RELAY/POWERPACK FOR CONTROL OF LIGHTING ON EMERGENCY CIRCUIT VIA ROOM CEILING MOUNTED OCCUPANCY SENSOR(S) IN	H1 B1	CAPITAL LETTER DENOTES FIXTURE TYPE. LOWER CASE LETTER DENOTES SWITCHING ARRANGEMENT. LIGHTING FIXTURE ON NIGHT LIGHT OR	B. BIDDERS SHALL CONDITIONS DU	_ INSPECT PROJECT SITE EXISTING JRING BIDDING. ENT OF ALL PERMIT AND INSPECTION FEES	A	chite creative Fig.8898 F 92
		SC SC SMOKE DAMPER.  SC FLUSH MOUNTED CEILING SPEAKER.	•	CONJUNCTION WITH NORMAL LIGHTS. EQUAL TO "LVS" MODEL EPC-1-D SERIES.  SINGLE POLE WALL SWITCH (46" M.H.).	H1 B1 W — W — NI —	WIRE RUN IN SURFACE WIREWAY.	INSPECTION AN D. SUBMIT AN ELE	N ELECTRICAL PERMIT AND SECURE ID APPROVAL OF THE CODE OFFICIAL.  ECTRONIC COPY OF SUBMITTAL DATA AND TERATURE IN .PDF FORMAT FOR ALL		dside Drive, T 937.83
_		FLUSH CEILING MOUNTED FIRE ALARM CALL SYSTEM SPEAKER EXTERIOR DEVICES REQUIRE SINGLE-GANG BOX WITH 3/4" BUSHED CONDUIT STUBBED TO ABOVE ACCESSIBLE INTERIOR CEILING.	<b>†</b> 2	TWO POLE WALL SWITCH (46" M.H.). THREE-WAY WALL SWITCH (46" M.H.).	— EM —	WIRE & CONDUIT FOR EMERGENCY CIRCUITRY.	E. WORKMANSHIP REPRESENT TH	SHALL BE OF THE HIGHEST QUALITY AND E BEST PRACTICES OF THE INDUSTRY.  ISTALLATION WITH OTHER TRADES; PROVIDE	_	<b>PD 6</b> 15 Woo
		SPEAKER VOLUME CONTROL ROUGH-IN BOX.  FLUSH SINGLE-GANG BOX WITH 3/4" BUSHED CONDUIT STUBBED TO ABOVE ACCESSIBLE CEILING IN ROOM SERVED. (46" M.H.).	<b>1</b> 4 <b>1</b> □s	FOUR-WAY WALL SWITCH (46" M.H.).  LIGHTING CONTROL WALLBOX TYPE OCCUPANCY SENSOR/SWITCH. ONE-GANG ASSEMBLY (46" M.H.).	A-1&2 	EACH ARROWHEAD REPRESENTS ONE COMPLETE CIRCUIT; CAPITAL LETTER DENOTES PANEL; NUMBER DENOTES CIRCUIT.  WIRE & CONDUIT IN WALL OR ABOVE CEILING.	WITH MANUFAC	EQUIRED.  ATERIALS AND EQUIPMENT IN ACCORDANCE TURERS REQUIREMENTS.  ACH ROUGH—IN INSTALLATION REQUIREMENTS		<b>⋖</b>
В			<b>†</b> √s	LIGHTING CONTROL WALLBOX TYPE VACANCY SENSOR/SWITCH. ONE-GANG ASSEMBLY (46" M.H.). ("/D" INDICATES COMBINATION VACANCY SENSOR/DIMMER, EITHER LINE VOLTAGE OR		WIRE & CONDUIT IN OR BELOW SLAB OR BELOW GRADE.  JUNCTION BOX.	AND LOCATIONS OR CABINETRY PERFORMING W  I. REFER TO ARC	S WITH OTHER TRADES, ACTUAL EQUIPMENT PROVIDED AND FIELD CONDITIONS BEFORE	В	JEFFREY D.
			   	0-10V AS APPLIES TO FIXTURES CONTROLLED.)  LIGHTING CONTROL LOW VOLTAGE DIMMER SWITCH WITH PRESET SLIDE CONTROL AND ON/OFF BUTTON (46" M.H.) LOW VOLTAGE CONTROL COMPATIBLE WITH ROOM OCCUPANCY	∯ <b>1</b>	DASHED SYMBOL INDICATES THAT PARTICULAR OUTLET OR DEVICE TO BE REMOVED AND CIRCUITRY MADE CONTINUOUS WHERE REQUIRED.  EXISTING OUTLET OR DEVICE TO REMAIN, MAINTAIN EXISTING CIRCUITRY.	HEIGHT FOR AL ETC.  J. REFER TO ARC EXACT LOCATION	L DEVICES AT FURNISHINGS, CASEWORK, HITECTURAL REFLECTED CEILING PLANS FOR DN OF ALL LIGHTING FIXTURES. WHERE		* ZELINSKI * 63822
_			¶M	SENSING CONTROLS AND LED LIGHTING PROVIDED.  FLUSH FRACTIONAL HORSEPOWER MOTOR STARTER WITH NEON PILOT LIGHT. ONE—GANG	Ф	20A-125V SINGLE RECEPTACLE, NEMA 5-20R (18" M.H.).  20A-125V DUPLEX RECEPTACLE, NEMA 5-20R	PLANS AND TH QUANTITY OF F TAKE PRECEDE	MAY OCCUR BETWEEN THE ELECTRICAL HE ARCHITECTURAL CEILING PLANS ON FIXTURES, THE ELECTRICAL PLANS SHALL NCE. COORDINATE FIXTURE LOCATIONS WITH HE TO AVOID CONFLICTS WITH PIPING AND	_	TOWAL CONTRACTOR
			th Ch	ASSEMBLY (46" M.H.).  HP RATED WALL SWITCH (46" M.H.).  DISCONNECT SWITCH.	©	(18" M.H.).  SPECIAL PURPOSE RECEPTACLE. REFER TO NOTE ON PLAN.  20A-125V DOUBLE DUPLEX RECEPTACLE, NEMA	K. ALL EQUIPMENT	T AND MATERIAL REQUIRED FOR COMPLETE AL ELECTRICAL SYSTEMS SHALL BE HE CONTRACT.		
С			_ ⊠ ⊠-	MOTOR STARTER.  COMBINATION MOTOR STARTER AND DISCONNECT SWITCH.	<b>⊕</b>	5-20R, (18" M.H.) TWO-GANG ASSEMBLY.  20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, (46" M.H.). SUBSCRIPT "GF" INDICATES GFCI TYPE RECEPTACLE. SUBSCRIPT "U" INDICATES	1. THIS CONTRACTO	OTES - FIRESTOPPING  OR SHALL FIRESTOP ALL PENETRATIONS OF ING RATED WALLS AND PARTITIONS UTILIZING	С	
			(UH)	ELECTRIC MOTOR.  UNIT HEATER.	<b>⊕</b>	INTEGRAL USB CHARGING PORTS. SUBSCRIPT "GF/NL" INDICATES GFCI RECEPTACLE WITH INTEGRAL LED NIGHT LIGHT.  20A-125V DUPLEX RECEPTACLE WITH TWO	APPROPRIATE A SYSTEM. REFER 2. REFER TO ARCH	PPROVED UL LISTED S.T.I. FIRESTOPPING TO SPECIFICATIONS.  HITECTURAL DRAWINGS FOR LOCATIONS OF ALL E RATED WALLS AND PARTITIONS.		385
_			FC -	FAN COIL UNIT.  CIRCUIT BREAKER PANEL, FLUSH MOUNTED.	⊕ G <sup>GF</sup>	INTEGRAL USB CHARGING PORTS (18" M.H.).  20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, WITH GROUND FAULT CIRCUIT INTERRUPTER (18" M.H.).	WIREWAY PENET APPROPRIATE A	OR SHALL FIRESTOP ALL RACEWAY AND RATIONS OF ALL FLOORS UTILIZING PPROVED UL LISTED S.T.I. FIRESTOPPING TO SPECIFICATIONS.		ip, Ohio 45
				CIRCUIT BREAKER PANEL, SURFACE MOUNTED.  POWER PANEL OR SWITCHBOARD, SURFACE MOUNTED.	Mb\center (P)	20A-125V WEATHERPROOF DUPLEX RECEPTACLE, NEMA 5-20R, WITH GROUND FAULT CIRCUIT INTERRUPTER (18" M.H.), WITH HUBBELL #WP26M CAST ALUMINUM "WHILE-IN-USE" COVER.		CTRICAL CONTRACT.		Nip Sek Townsh
D			(T) 	LINE VOLTAGE THERMOSTAT.  WIRELESS ACCESS POINT (CEILING MOUNTED) NO ROUGH—IN BY E.C. REQUIRED.  TELEPHONE/DATA OUTLET (18" M.H. EXCEPT		20A-125V DUPLEX RECEPTACLE, NEMA 5-20R, IN HUBBELL BA-2436 FLUSH FLOOR BOX WITH SA-3825 COVERPLATE. PROVIDE CARPET FLANGE WHERE REQUIRED.	GC GENE	PROTECTION CONTRACTOR.  ERAL CONTRACTOR.  C CONTRACTOR.		Townsh fion
			▼W	WHEN SUBSCRIPT LETTER IS SHOWN, "W" INDICATES 46" M.H.). SINGLE GANG OUTLET BOX WITH BLANK COVERPLATE. STUB AN EMPTY 1" BUSHED CONDUIT OUT ABOVE ACCESSIBLE CEILING.	₩ <sup>30</sup>	20A-125V/250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-20R (18" M.H.).  30A-125V/250V-1PH-4W SINGLE RECEPTACLE, NEMA 14-30R (18" M.H.).	TC TEMF	MBING CONTRACTOR. PERATURE CONTROLS CONTRACTOR. IN CONTRACT.		ebein Road
_			F⋈	FIRE ALARM HORN & SIGNAL LIGHT (80" A.F.F.), # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 110 CANDELA.	₩ <sup>50</sup>	50A-125V/250V-1PH-3W SINGLE RECEPTACLE, NEMA 14-50R (6" M.H.).  WALL MONITOR OUTLET ASSEMBLY CONSISTING OF DUPLEX RECEPTACLE AND DATA/HDMI/AV	(E) EXIS		_	Beave Fire
			<sub>15</sub>	FIRE ALARM SIGNALING LIGHT (80" A.F.F.), # WHEN SHOWN INDICATES CANDELA RATING OF STROBE. WHEN A # IS NOT SHOWN, THE STROBE SHALL BE RATED 110 CANDELA.	TV	CONNECTION IN RECESSED BOX WITH 1"C. TO ABOVE CEILING. MOUNTING HEIGHT AS NOTED, REFER TO ARCHITECTURAL ELEVATIONS. PROVIDE RG6 COAX WIRING FROM EACH T.V. OUTLET TO I.T. ROOM FOR FUTURE TERMINATION BY CATV	EM EMEF	PMENT SUPPLIER. RGENCY. NTING HEIGHT.		ISSUE:  NO. DATE DESCRIPTION  04/03/20 FOR CONSTRUCTION
E		INDEX OF DRAWINGS  SHEET DRAWING TITLE  E0.1 LEGEND & SCHEDULES  E0.2 SINGLELINE DIAGRAM & SCHEDULES	[S]	FIRE ALARM SENDING STATION (46" M.H.).  120 VOLT, COMBINATION SMOKE DETECTOR/CO DETECTOR WITH BATTERY BACKUP, WIRED TO DORM ROOM LIGHTING CIRCUIT. CONNECT ALL SMOKE DETECTORS TOGETHER SUCH THAT ANY DETECTOR IN ALARM CONDITION WILL ACTIVATE ALL DETECTOR ALARMS. (3 WIRE	ĪC	SYSTEM PROVIDER. PROVIDE "F" TYPE CONNECTORS ON EACH END WITH 25' COIL IN I.T. ROOM.  INTERCOM/DOORBELL SYSTEM ROUGH—IN BOX. FLUSH SINGLE—GANG BOX WITH 3/4" BUSHED CONDUIT STUBBED TO ABOVE INTERIOR ACCESSIBLE CORRIDOR CEILING. (46" M.H.)	WP WEAT NOTE WHICE	FACE MOUNTED.  THER PROOF.  E SYMBOL — APPLIES ONLY TO SHEET ON SHEET ON SHOWN.  AIL NOTE SYMBOL — APPLIES ONLY TO	E	
		E0.3 DETAILS  E0.4 DETAILS & SCHEDULES  E0.5 SCHEDULES		INTERCONNECTION). WIRE TO BUILDING FIRE ALARM SYSTEM (VIA AUXILLIARY CONTACTS TO SIGNAL BUILDING FIRE ALARM SYSTEM UPON ALARM CONDITION. EQUAL TO GENTEX MODEL # GN-503FF.  FIRE ALARM SYSTEM CEILING MOUNTED SMOKE	WAP	WIRELESS ACCESS PORT (ROUTER) ROUGH—IN BOX, FLUSH CEILING MOUNTED IN APPARATUS BAY, FLUSH WALL MOUNTED WHERE SHOWN ON BUILDING EXTERIOR (84" M.H.). SINGLE—GANG WITH 3/4" BUSHED CONDUIT HOMERUN TO	H-1 EQUI CONN 123 ROOM	AIL ON WHICH IS SHOWN.  PMENT REFERENCE SYMBOL. ELECTRICAL  NECTION REQUIRED.  M NUMBER.		
-		E0.6 MSD&C SCHEDULE  E0.7 TECHNOLOGY DETAILS  E1.0 SITE PLAN	SS	DETECTOR.  120 VOLT, RED FLASHING STROBE SIGNALING LIGHT, WIRED TO RELAY IN I.T. ROOM TO BE CONTROLLED FROM "MACH ALERT" FIRE SIGNALING SYSTEM OUTPUT CONTACT. EQUAL TO	C	SERVER ROOM (FOR APPARATUS BAY), STUBBED TO ABOVE ACCESSIBLE INTERIOR CEILING FOR EXTERIOR DEVICES.  ACCESS CONTROL/CARD READER SYSTEM ROUGH-INS REFER TO DETAIL SHEET E0.7	H2 DETA	AIL SYMBOL AIL "B" SHOWN ON SHEET H2.  TION SYMBOL TION "A" DESIGNATION, SHOWN ON SHEET	_	DATE 04/03/20  JOB NO. 3541.00
		E2.1 LEVEL 1 & LEVEL 2 — LIGHTING PLANS  E3.1 LEVEL 1 & LEVEL 2 — POWER PLANS	F◀	TORK #TA131DRN5 (DOUBLE FLASH SUPER STROBE WITH RED LEXAN LENS, 0.2 AMPS). 7.5" DIA. X 5"H. MOUNT INVERTED TO SOFFIT WHERE SHOWN ON BUILDING EXTERIOR. MOUNT INVERTED TO BOTTOM OF CEILING TRUSS IN APPARATUS		SECURITY CAMERA SYSTEM ROUGH—IN BOX, CONDUIT AND DATA WIRING BACK TO I.T. ROOM (SYMBOL WITH "C" DESIGNATION). REFER TO DETAILS ON SHEET E0.7.	H1 H1.	,		DRAWN DAC  CHECKED TCR  CAD 16544E0.1
F		E4.1 LEVEL 1 & LEVEL 2 - SYSTEMS PLANS		BAY.	05151115		NEW	ITEM.	F	COPYRIGHT © 2020 App Architecture, Inc.  TITLE  LEGEND
						C REQUIREMENTS	N I	7		LLGEND
					REFER TO DRA	HAS SEISMIC REQUIREMENTS.  AWING HO.1.		JMAN & ZELINSKI LLC. udlow Street Suite 400 Dayton, Ohio 45402 Phone: (937) 223-3821 ~ Fax: (937) 223-3849		EO.1

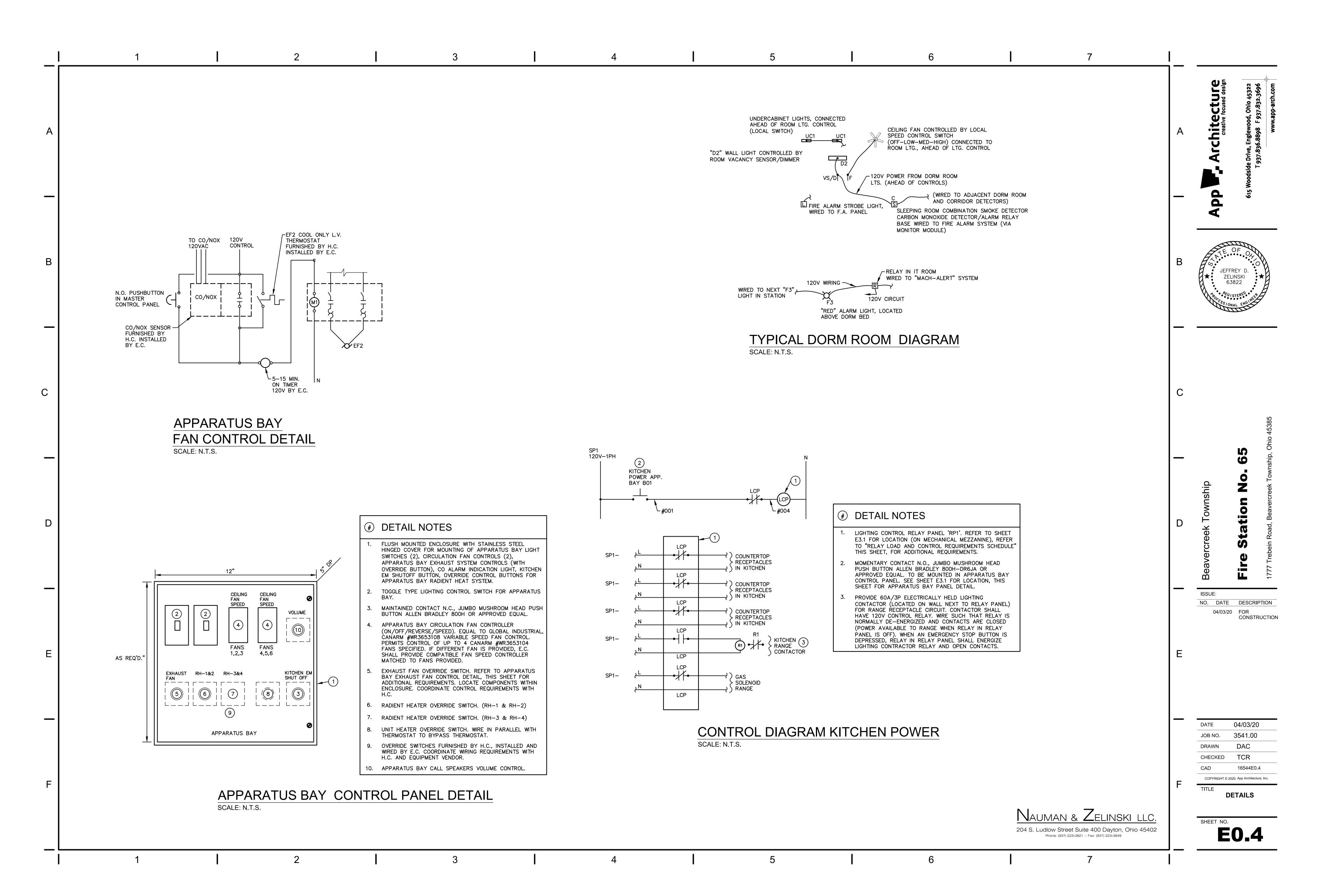
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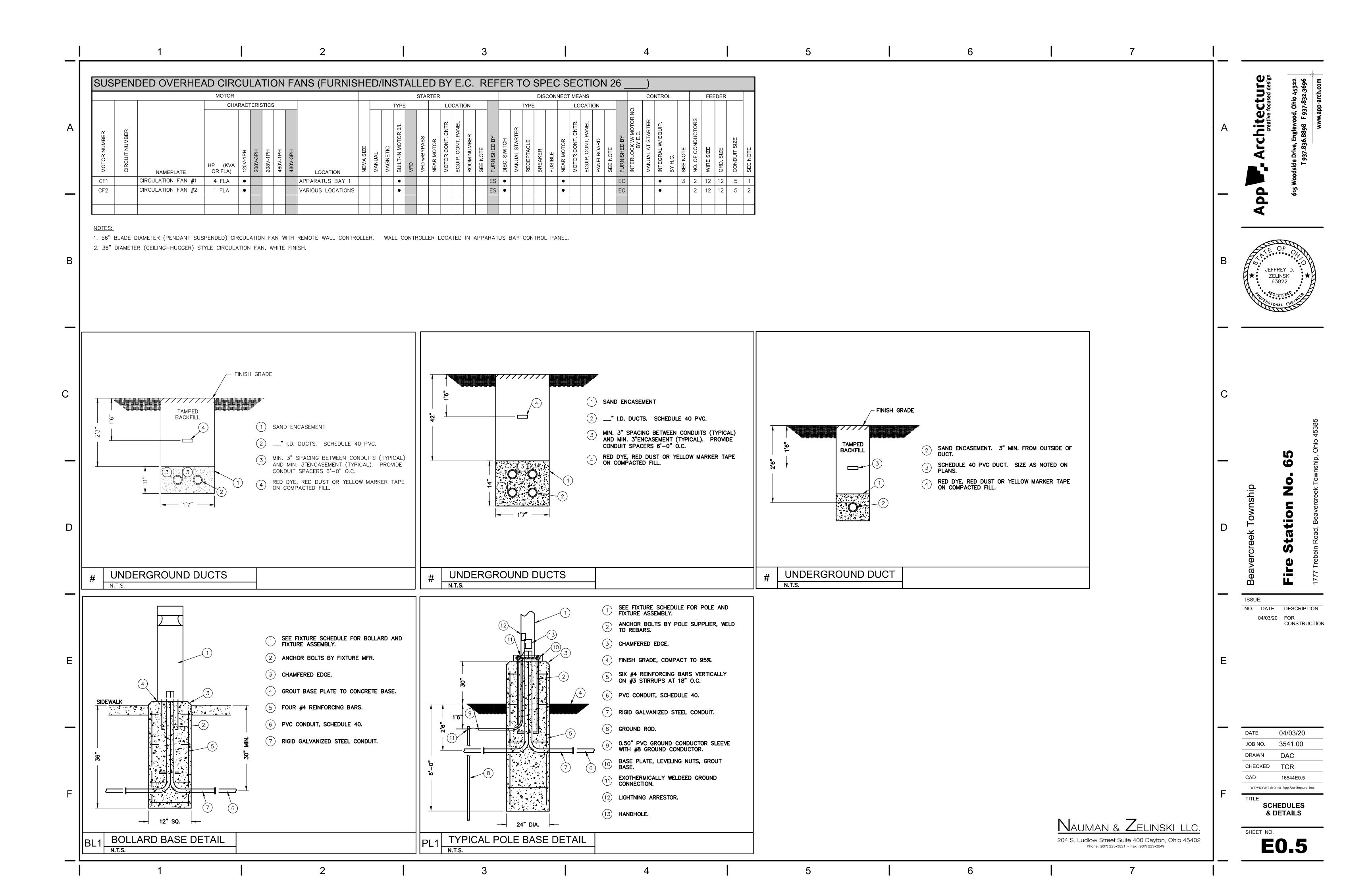
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HTING FIXTURE S			1		TRIM COLO	MOLINTING	0175			ING CONTROL RE		LOAD AND CONTF	OL REQUIR						
QUANTITY	MPS				TRIM COLO	S - SURFACE R- RECESSED	SIZE		PANEL DE RELAY	SIGNATION: RP1 (24 POSITION   ROOM/		FIXTURE NO. OF LOAD	CIRCUIT	MOUNTI CONTROL OUTPUT	NG: SURFACE (ME	CCH. ROOM)  CONTROL INPUT	SFF		Cture focused des
						SM- STEM MTD.  ⊋   □ WM- WALL MTD.			NO.	AREA	DESCRIPTION	TYPE DEVICES (KVA	) NO. (VOLTAGE)			H OCC PHOTO PH SENSOR SENSOR CI	IOTO TIME NOTE		<b>bite</b> creative fo
INT GE TURE		LTAGE				C- CHAIN MTD.	M WID		2	KITCHEN COUNTER RECEPT  KITCHEN COUNTER RECEPT			(120V) (120V) (120V)	•	•			A	
RESCE VOLTA		JRE VO			ALI BI	UC- UNDER CAB CS- CLG. SURF.	ETER C	ETER SOTE	4	KITCHEN COUNTER RECEPT  KITCHEN RANGE  KITCHEN RANGE			(240V) (240V)	•	•				7
FLUO LED H.I.D. LOW	LUMEN OUTPUT/ COLOR TEMP	MANUFACTURER & CATALOG NO.	OTHER ACCEPTABLE MANUFACTURERS	DIFFUSING MEDIA			DIAM	DIAM SEE 1	5 6	RANGE GAS SOLENOID PARKING LOT LTG		PL1	(120V) (120V)	•	•		• •		
		120 COLUMBIA #LCAT22-35VWG-EDU  120 COLUMBIA #CFP22-3335-HE	LITHONIA, DAYBRITE, METALUX  LAUREN ILLUMINATION, PHILIPS	DIRECT/INDIRECT LENS  MATTE ACRYLIC PANEL	•	R (GRID) R (GRID)	24 24 4 24 24 1.5	5	7 8	PARKING LOT LTG EXTERIOR BUILDING LTG		PL1 K1	(120V) (120V)	•			• •		
		120 COLUMBIA #LCAT24-35VWG-EDU	LITHONIA, DAYBRITE, METALUX	DIRECT/INDIRECT LENS	•	R (GRID)	24 48 4	5	9	SIGNAGE EAVE LTG FLAG POLE LTG		F4 FL1 & FL2	(120V) (120V)	•			• •	-	рр
• 48	5000 / 3500K	120 COLUMBIA #LCL4-35ML-EU	LITHONIA, DAYBRITE, COLUMBIA #MPS4	LENSED STRIP LIGHT	•	C (PER PLAN)	4 48 4		11 12 13	SIGNAGE EAVE LTG BOLLARD LTG SPARE		F4 BL1	(120V) (120V) (120V)	•			• •		₹
• 111	12,000/ 3500K	120 COLUMBIA #LCL8-35HL-EU	LITHONIA, DAYBRITE, COLUMBIA #MPS8	LENSED STRIP LIGHT	•	C (PER PLAN)	4 96 4		14 15	SPARE SPARE SPARE			(120V) (120V) (120V)	•					
000	1000 / 7500/	400 WILLIAMS #SLE 0 147 /875 1HA DIM DD 11NIV	LITHONIA DAYDDITE	WHITE ADDVILLO		WAY (DED DIAN)	) 4 04 4		16 17	SPARE SPARE			(120V) (120V)	•					
		120 WILLIAMS #SLF-2-L13/835-HIA-DIM-BD-UNV  120 FINELITE #S17-LED-ACF-PF-4-HO-3500K-SC-120	LITHONIA, DAYBRITE  APPROVED EQUAL	WHITE ACRYLIC WHITE PERF FASCIA	•	WM (PER PLAN	·		NOTES:	,			,					l <sub>B</sub>	TAKE.
• 46	4800 / 3500K	120 COLUMBIA #MPS4-35-ML-F-W-ED-U	LITHONIA, DAYBRITE, LAMAR	WHITE ACRYLIC		WM (12'-0")	4 48 4			PROVIDE TIME CLOCK CONTROL PROVIDE TIMECLOCK ON/OFF C		NUAL CONTROL FROM SWITCH.							JEFFF ZEL
• 14	1000 / 3500K	120 PRESCOLITE #DBXQL-LB6LEDA10L-35K-WH	LITHONIA, PHILIPS	REGRESSED POLY LENS WHITE REFLECTOR	•	R	6 DIA 9		۷.	THOUSE TIMESESSIN SIN, SIT S	ONTINOE.								63
• 8	800 / 3500K	120 PRESCOLITE #DBXQL-LB6LEDA8L-35K-WH	LITHONIA, PHILIPS	REGRESSED POLY LENS WHITE REFLECTOR	•	R	6 DIA 9	2											POFESSION
<del>                                     </del>		120 PRESCOLITE #LF6INC-MW60A19-6V-WT  120 PRESCOLITE #LBC6-P-BA-LB6A7L-40K-9-WH	LITHONIA, PHILIPS  LITHONIA, PHILIPS	CLEAR REFLECTOR WHITE REFLECTOR	•	R PENDANT 16"	6 DIA 9	1,4											AL AL
	,		EIIIONA, IIIILIFS	mille Neileotor		STEM	O DIA O											-	
• 12	800 / 3500K	120 PRESCOLITE #LBSLEDA10L-35K-9-WH	LITHONIA, PHILIPS	POLYCARBONATE LENS	•	WM OR C	6 DIA 1	3											
• 24	2000 / 3000K	120 WILLIAMS #VWMV-L20/730-T3-BLK-CGL-DIM-UNV	LITHONIA, PHILIPS	CLEAR LENS (DOWN)	•	WM (PER PLAN	) 7 13 4												
19	1000 / 3000K	120 KIM #LTV82FF/SP/18L3KUV/SR/RCA82	LITHONIA, GARDCO	CLEAR LENS SPOT		FLUSH IN GRAD	DF 12 DIA												
• 21		120 HUBBELL #FSL-10L-25-3K-N-U-K-DB	LITHONIA, PHILIPS	CLEAR LENS SPOT	•	SIGN LIGHT	12 5/1											С	
• 54	6000 / 3000K	120 BEACON #VPS-24L-55-3-K7-3	LITHONIA, PHILIPS	CLEAR LENS TYPE III	•	20' (4" SQUAR ALUMINUM POL	E	7,9											
							Е.												
• 31	3000K	120 KIM #GEMC-36L-3K-UV-PS-NG-C	APPROVED EQUAL	GLASS REFRACTOR TYPE IV	1 1 1 1	42" HIGH CONCRETE BOLARD	8 DIA 42												
																		_	
8		120 WAC #BA-ACLED18-930-WT	ACOLYTE, HALO, LAMAR SURE-LITES, LITHONIA.	DIFFUSE LENS SINGLE-FACE RED LETTERS	•	(UNDER SHELF	·												
3		120 DUAL LITE #EVEURW  120 DUAL LITE #EVEURW	SURE-LITES, LITHONIA, EMERGI-LITE SURE-LITES, LITHONIA, EMERGI-LITE	ON WHITE  DOUBLE-FACE RED LETTERS		CS	9 13 2												<u>d</u>
		120 DUAL LITE #EV2	EMERGI-LITE SURE-LITES, LITHONIA, EMERGI-LITE	ON WHITE BATTERY EMERGENCY LIGHT		WM (PER PLAN		8											ihsr
<ol> <li>DOWNLIGHT WI</li> <li>FIXTURE SHALE</li> <li>FIXTURE SHALE</li> <li>PROVIDE HOUS</li> <li>FIXTURE SHALE</li> </ol>	CTION BOX FOR MOTH "RED" LED PAR L HAVE DIMMING D L BE DIMMABLE D SE—SIDE SHIELDING L HAVE BATTERY	DUNTING OF FIXTURE.  R STYLE LAMP. LIGHTS CIRCUITED TO RELAY IN IT ROOM FOR DRIVER FOR DIMMING CONTROL DOWN TO 10% VIA 0-10V DIOWN TO 10% VIA UNE VOLTAGE DIMMING CONTROL/VACANC	IMMER/VACANCY SENSOR. BY SENSOR. FOR A MINIMUM OF 120 MINUTES															E	Beavercreek No. DATE 04/03/20
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1 l	2	3	4	5	<b>l</b> 6	7	<u> </u>
MOTORS, STARTERS, DISCONNECTS & C	ONTROLS						
CUIT NUMBER CUIT NUMBER CUIT NUMBER CUIT NUMBER CUIT NUMBER CUIT NUMBER A-MIN CIRCUIT AMPS MOCF - MAX ERCURRENT PROT) A-1PH C-1PH C-3PH C-1PH C-3PH C-	AA SIZE AUAL SNETIC SNETIC T-IN MOTOR 0/L AAA NW/BYPASS NW/BYPASS NR MOTOR	INOTE  C. SWITCH  C. SWITCH  AUAL STARTER  AUAL STARTER  ALE  ARKER  RAMOTOR  COR CONT. CNTR.  IP. CONT. PANEL  IP. CONT. PAN	ERLOCK W/ DAMPER. BY E.C.  MUAL AT STARTER  SGRAL W/ EQUIP.  I NOTE  OF CONDUCTORS  OF CONDUCTORS  SIZE  ADUIT SIZE  NOTE				Architect
NAMEPLATE	MEZZANINE  MEZZANINE  MEZZANINE  MEZZANINE	HC • PAN NEA EC FUS SEE FUS	■     ●     ■     ■     ●     ■     ● </td <td></td> <td></td> <td></td> <td>- Mdd</td>				- Mdd
F-3 SP3-28 FURNACE 3 11 MCA 15 MOCP • 15 MCA 20 MOCP • 15 MCA 20 MOCP • 16 MOCP • 17 MOCP • 18 M	MEZZANINE  MEZZANINE  MEZZANINE  MEZZANINE  MEZZANINE  IT ROOM	HC • EC  HC • EC  HC • EC	<ul> <li>2 12 12 .5</li> <li>2 12 12 .5</li> <li>2 12 12 .5</li> <li>2 12 12 .5</li> </ul>				B FOR
CU2 AC-5/7 CONDENSING UNIT 2 20 MCA 35 MOCP   CU3 AC-2/4 CONDENSING UNIT 3 20 MCA 35 MOCP   •	ON GRADE  ON GRADE  ON GRADE  ON GRADE  ON GRADE	HC • EC  HC • EC	<ul> <li>2 10 10 .75</li> <li>2 10 10 .75</li> <li>2 10 10 .75</li> <li>2 10 10 .75</li> </ul>				★ JE Z
CU5 AC-6/8 CONDENSING UNIT 5 28 MCA 40 MOCP •	ON GRADE  ON GRADE  ON GRADE  ON GRADE  ON GRADE	HC • EC  HC • EC	<ul> <li>2 8 10 .75</li> <li>2 8 10 .75</li> <li>2 12 12 .5</li> </ul>				
EF1 SP1-10 EXHAUST FAN 1 1/2 HP • EF2 SP3-20 EXHAUST FAN 2 2 HP •	MEZZANINE  DAYROOM (HOOD)  APPARATUS BAY  •  •  •  •  •  •  •  •  •  •  •  •  •	HC •	<ul> <li>2 8 10 .75</li> <li>1 2 12 12 .5</li> <li>3 12 12 .5</li> </ul>				С
UH−1 SP2−1 ELEC UNIT HTR 1 1.5 KW	APPARATUS BAY  VESTIBULE  DORM CORRIDOR  ELECTRIC SVC ROOM  WATER SVC ROOM	•	<ul> <li>2 12 12 .5</li> </ul>				
RCP1 HW RECIRC PUMP 0.2 FLA •  CP1 HW CIRC PUMP 0.2 FLA •  RH1 RADIENT HEATER 1 5 AMPS •	MEZZANINE MEZZANINE MEZZANINE APPARATUS BAY APPARATUS BAY	• • EC • • EC	2 12 12 .5 3 2 12 12 .5 3 4 2 12 12 .5 3				ص پلا Township
RH3 RADIENT HEATER 3 5 AMPS •	APPARATUS BAY APPARATUS BAY	TROLS (FURNISHED WITH HOOD).	•     2     12     12     .5       •     2     12     12     .5       •     2     12     12     .5				Beavercree
FC-1 (INDOOR UNIT) POWERED FROM ACU-1 (OUTDOOR UNIT). COORI COORDINATE CONNECTION REQUIREMENTS FOR HOT WATER CIRCULATION OF THE CONNECT OF TH	ON & RECIRC PUMPS WITH P.C., INLINE PUMP MOUNTED ADJAC	ENT TO WATER HEATER & STORAGE TANK. PROVIDE TOGG					ISSUE: NO. DAT
							E
							DATE  JOB NO.
							CAD COPYRIGHT TITLE
						Nauman & Zelinski Llc.  204 S. Ludlow Street Suite 400 Dayton, Ohio 45402  Phone: (937) 223-3821 ~ Fax: (937) 223-3849	SHEET NO

