### SCOPI 9 IN SUMMARY, IT SHALL WORK

PRE-TEST OF 유 THE CHILLED AND HOT WATER FLOWS FOR ALL EXISTING AHU'S SHOWN ON DRAWINGS IN THE HISTORIC SHALL BE AS OUTLINED Ī 품 DRAWINGS AND SPECIFICATIONS. INCLUDE COURTHOUSE BUT NOT BE LIMITED 70 LED WATER SERVICE THE FOLLOWING:

EXTENSION OF CHILLED WATER PIPING THE HISTORIC COURTHOUSE. SERVICE FROM THE JUDICIAL CENTER (ADJACENT BUILDING) INTO THE HISTORIC COURTHOUSE WITHIN THE HISTORIC PIPING. INCLUDING DISCONNECTING AIR HANDLING STINU FROM MITHOUT 붐 EXISTING HISTORIC COURTHOUSE SYSTEM 윉

UPON ESTABLISHING CHILLED WATER SERVICE TO THE HISTORIC COURTHOUSE, ROOF/PENTHOUSE OF THE HISTORIC COURTHOUSE. INTEGRATION OF CONTROLS AND SEQUENCING OF CHILLED WATER DISTRIBUTION. DEMOLITION

읶

CHILLERS

COOLING

THE PRE-TEST OR

AS

Y ENGINEER.

ADDITIONALLY, TEMPORARY COOL

ING 24/7 SHALL

DEMOLITION AND INSTALLATION OF HOT WATER PIPING IN COOLING FOR SERVER ROOM SHALL BE ESTABLISHED PRIOR THE SERVER ROOMS. COORDINATE WITH OWNER. TESTING, ADJUSTING AND BALANCING OF CHILLED WATER AND HOT WATER FLOWS TO ANY DEMOLITION WORK IN THE 0 QUANTITIES CHILLER PLANT. Z

	= <del>1</del> 0 Γ .
SHEET NUMBER	TITLE
COVER	COVER SHEET
A-1	ARCHITECTURAL BASEMENT PLAN
A-2	ARCHITECTURAL PARTIAL FLOOR PLANS
A-3	WATERPROOFING DETAILS
M-0	MECHANICAL LEGEND
M-0.1	MECHANICAL FIRST FLOOR SERVER ROOM PLAN
MD-1	MECHANICAL BASEMENT DEMOLITION PLAN
MD-2	MECHANICAL FIRST FLOOR DEMOLITION PLAN
MD-3	MECHANICAL SECOND FLOOR DEMOLITION PLAN
MD-4	MECHANICAL THIRD FLOOR DEMOLITION PLAN
MD-5	MECHANICAL PENTHOUSE DEMOLITION PLAN
M-1	MECHANICAL FIRST FLOOR PLAN
M-2	MECHANICAL SECOND FLOOR PLAN
M-3	MECHANICAL THIRD FLOOR PLAN
M-4	MECHANICAL FOURTH FLOOR PLAN
M-5	MECHANICAL ROOFTOP PENTHOUSE PLAN
M-6	MECHANICAL DETAILS
M-7	MECHANICAL DETAILS
M-8	MECHANICAL SCHEDULES
M-9	MECHANICAL FLOW DIAGRAM (JUDICIAL CENTER)
M-10	MECHANICAL FLOW DIAGRAM (HC CHILLED WATER)
M-11	MECHANICAL FLOW DIAGRAM (HC HOT WATER)
M-12	MECHANICAL FLOW DIAGRAM (HC HEATING PLANT)
M-13	MECHANICAL CONTROLS
E-1	ELECTRICAL BASEMENT POWER PLAN
E-2	ELECTRICAL PARTIAL POWER PLANS
E-3	ELECTRICAL PARTIAL RISER
BOOK	PROJECT SPECIFICATIONS

TESTING ADJUSTING AND BALANCING	1		
SHOP DRAWINGS	1		
SHOP DRAWING SCHEDULE (WITHIN 30 DAYS OF	1		
UL FIRESTOPPING DETAILS	1		
PROJECT SCHEDULE (WITHIN 10 DAYS OF NI	1		
ARCHITECTURAL ELEMENTS AND WATERPROOF	1		
COMMUNICATIONS HORIZONTAL CABLING	271500		
ENCLOSED SWITCHES AND CIRCUIT BREAKER	262816		
IDENTIFICATION FOR ELECTRICAL SYSTEMS	260553		
RACEWAY AND BOXES FOR ELECTRICAL SYSTE	260533		
HANGERS AND SUPPORTS FOR ELECTRICAL SYS	260529		
GROUNDING AND BONDING FOR ELECTRICAL SYS	260526		
LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND	260519		
HYDRONIC PIPING	232113		
INSTRUMENTATION AND CONTROL FOR HVAC	230900		
HVAC INSULATION	230700		
TESTING, ADJUSTING, AND BALANCING FOR HY	230593		
IDENTIFICATION FOR PIPING AND EQUIPMENT	230553		
HANGERS AND SUPPORTS FOR PIPING AND EQUIP	230529		
GENERAL DUTY VALVES FOR HVAC PIPING	230523		
METERS AND GAGES FOR HVAC PIPING	230519		
COMMON WORK RESULTS FOR HVAC	230500		
TITLE	ITEM		
LIMITED TO THE FOLLOWING:	LIMITED		
SHALL BE REQUIRED FOR THE WORK, INCLUDING BUT NO	SHALL		
PRIOR TO COMMENCEMENT OF THE WORK, SUBMITTALS	PRIOR 1	<u>. I</u>	
TEQUITED SUBMITIALS		<u> </u>	
		J	ı

ı	-	_	1	1	-	271500	262816	260553	260533	260529	260526	260519	232113	230900	230700	230593	230553	230529	230523	230519
TESTING ADJUSTING AND BALANCING	SHOP DRAWINGS	SHOP DRAWING SCHEDULE (WITHIN 30 DAYS OF NTP)	UL FIRESTOPPING DETAILS	PROJECT SCHEDULE (WITHIN 10 DAYS OF NTP)	ARCHITECTURAL ELEMENTS AND WATERPROOFING	COMMUNICATIONS HORIZONTAL CABLING	ENCLOSED SWITCHES AND CIRCUIT BREAKERS	IDENTIFICATION FOR ELECTRICAL SYSTEMS	RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS	LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES	HYDRONIC PIPING	INSTRUMENTATION AND CONTROL FOR HVAC	HVAC INSULATION	TESTING, ADJUSTING, AND BALANCING FOR HVAC	IDENTIFICATION FOR PIPING AND EQUIPMENT	HANGERS AND SUPPORTS FOR PIPING AND EQUIPMENT	GENERAL DUTY VALVES FOR HVAC PIPING	METERS AND GAGES FOR HVAC PIPING

### Z Z P SIS

EXISTING BLDG	AREA OF EXISTING BLDG	STING BLDG	AREA OF RENOVATION	ENOYATION
 BASMENT FLOOR	22,83ر	SQFT.	1 <b>⊘</b> ±	SQ.FT.
let FLOOR	22,83@±	SQ.FT.	 	SQFT.
2nd FLOOR	22,83ر	SQ.FT.	<u> </u>	SQFT.
 3rd FLOOR	2 <i>0,</i> 285±	SQFT.	26±	SQFT.
 ROOF/PENTHOUSE	2 <i>0</i> ,285±	SQ.FT.	555±	SQ.FT.
 TOTAL BLDG	17.00 ± 090.00	SQFT.	+ 2 3	20 H

LEVEL 2 ALTERATION

**70** 

DEPT.: 2001 FLORIDA BUILDING CODE

2001 EXISTING BUILDING FLORIDA BUI

2001 FBC AND MECHANICAL & PLUMB

2008 NEC

2006 NFPA 101 LIFE SAFETY CODE ILDING CODE

MODIFICATION (TABLE 503)

BUILDING HEIGHT

FIRE RESISTANCE RATING OF BUILDING COMPONENTS AND PERCENTAGE OF OPENINGS (TABLES 30'± <u>6</u> 30 +

ORIZONTAL SEPARATION FROM PROPERTY LINES AND/OR BUILDINGS:(F)\_30'±(R)\_30'\*(R)\_ STRESSES

MAXIMUM ALLOWABLE TRAVEL DISTANCE WITHIN ROOMS OR SPACES ALONG ROUTES 300' BUSINESS OCCUPANCY W/SPRINKLER SYSTEM\_ 所 LOAD:

> UNTY TER ALTERI PIP TE #1

PROPERTY MANAGEMI FRANK MONHART, MANATEE COUNTY VERNMENT 

### PLANS AND SPECIFICAT FORNEY ONS PREPA

PHASING U  $\geq$ 

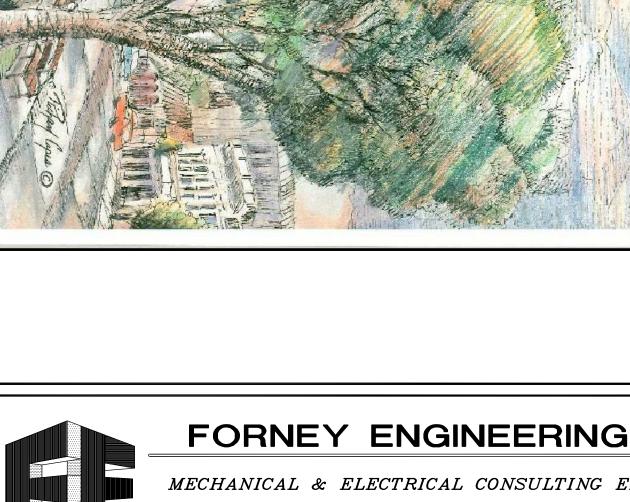
THE FIRST PHASE OF THE PROJECT SHALL CONSIST OF INSTALLATION OF THE SPLIT SYSTEM IN THE FIRST BE ESTABLISHED PRIOR TO ANY DEMOLITION WORK IN THE CHILLER PLANT. ADDITIONALLY, TEMPORARY CO COORDINATE WITH OWNER. IT SHALL ALSO INCUDE THE PRE—TESTING OF CHILLED AND HOT WATER FLOWS ALL WORK IN THE OCCUPIED SPACES SHALL OCCUR ON NIGHTS AND WEEKENDS. IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO LIMIT INTERRUPTION TO THE OWNER DURING AN ALTERNATE PHASING PLAN PROVIDED THE INTENT OF LIMITED INTERRUPTION IS MET. THE SECOND PHASE OF THE PROJECT SHALL CONSIST OF ROUTING CHILLED WATER PIPING INTO THE BASE ALONG WITH THE CHILLED WATER PIPING IN THE TRENCH. THE WORK ON THE EXTERIOR OF THE BUILDING RESTORED IN THE COURTYARD. THE CONTRACTOR SHAL THE DEMOLITION/CONSTRUCTION MENT OF THE HISTORIC COURTHOUSE. ELECTRICAL CONDUIT SHALL BE ROUTED SHALL OCCUR AS QUICKLY AS POSSIBLE SO THAT PEDESTRIAN TRAFFIC MAY BE PROVIDE THE CONTRACTOR MAY

THE THIRD PHASE OF THE PROJECT CONSISTS OF ESTABLISHING CHILLED WATER PIPING SERVICE TO THE ODISCONNECTING AND RE-CONNECTING CHILLED WATER TO INDIVIDUAL AIR HANDLERS. THIS INCLUDES THE ASSOCIATED WITH ESTABLISHING CHILLED WATER SERVICE TO THE HISTORIC COURTHOUSE. WORK IN THE OUNCE THE HISTORIC COURTING CHILLED WATER SERVICE TO DISCONNECTING CHILLED WATER SERVING THE HISTORIC CONNECTING CHILLED WATER SERVING THE PROPERTY OF THE GHOUT THE BUILDING, THOUSE AND CONTROLS WORK ALL OCCUR AFTER—HOURS.

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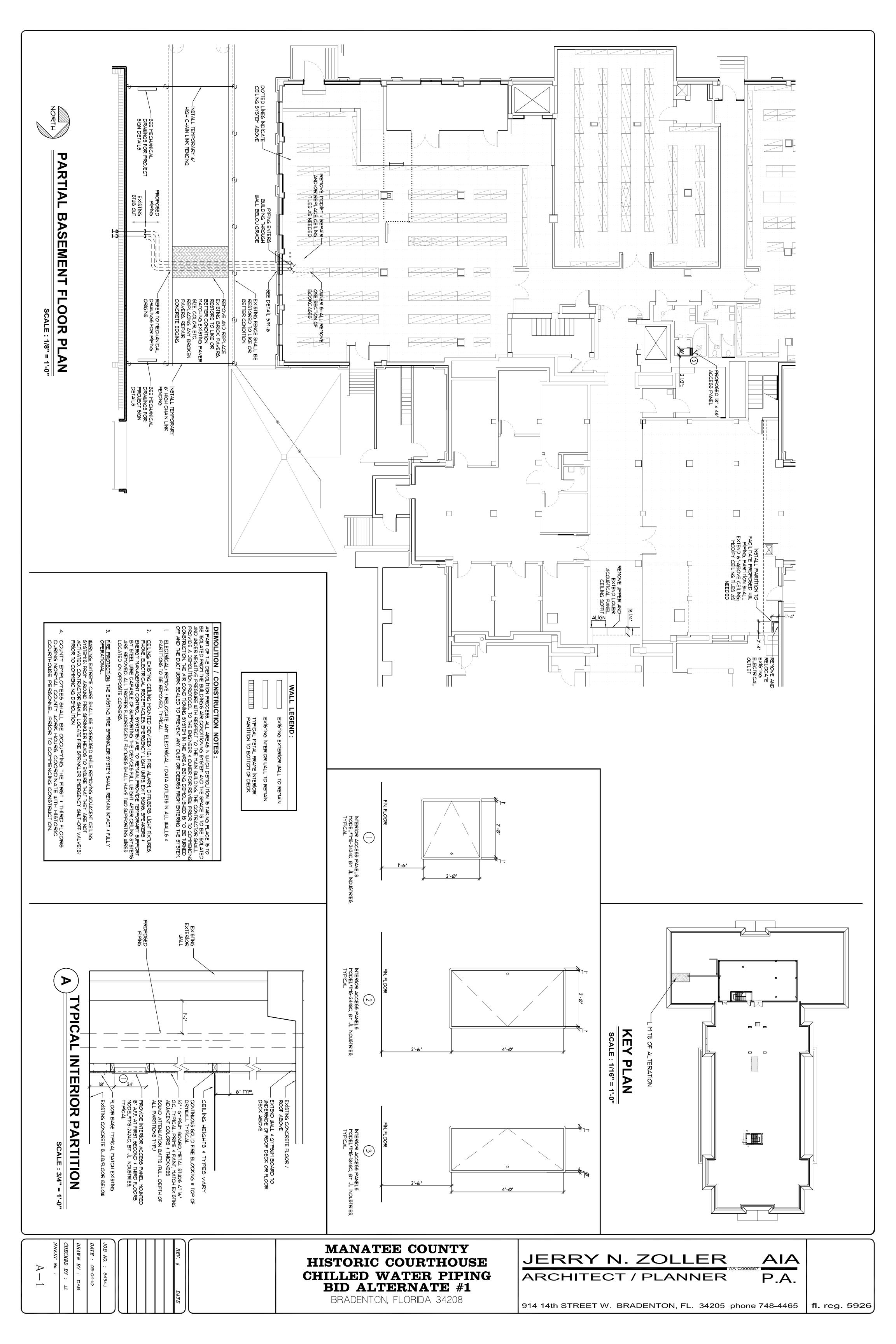
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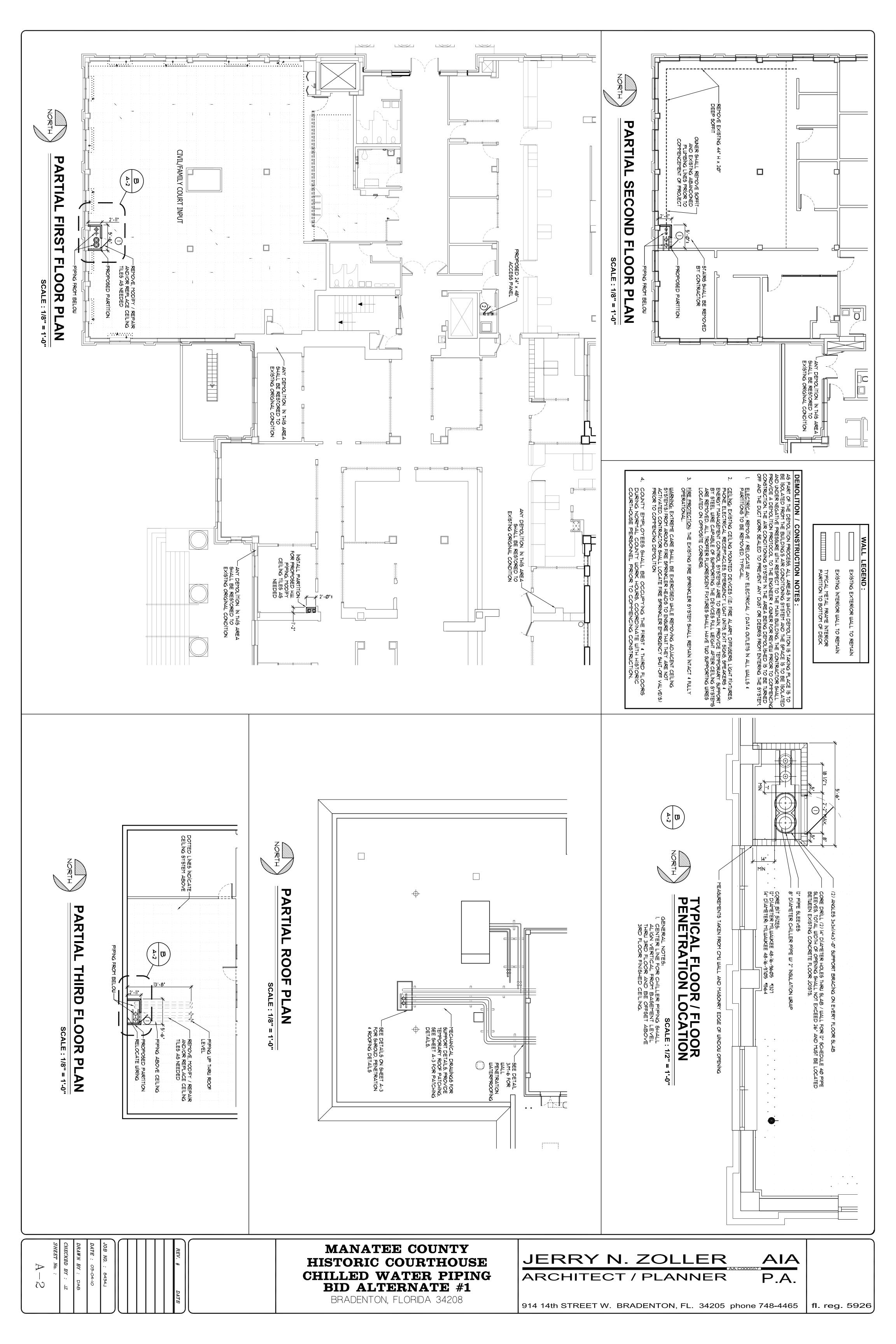
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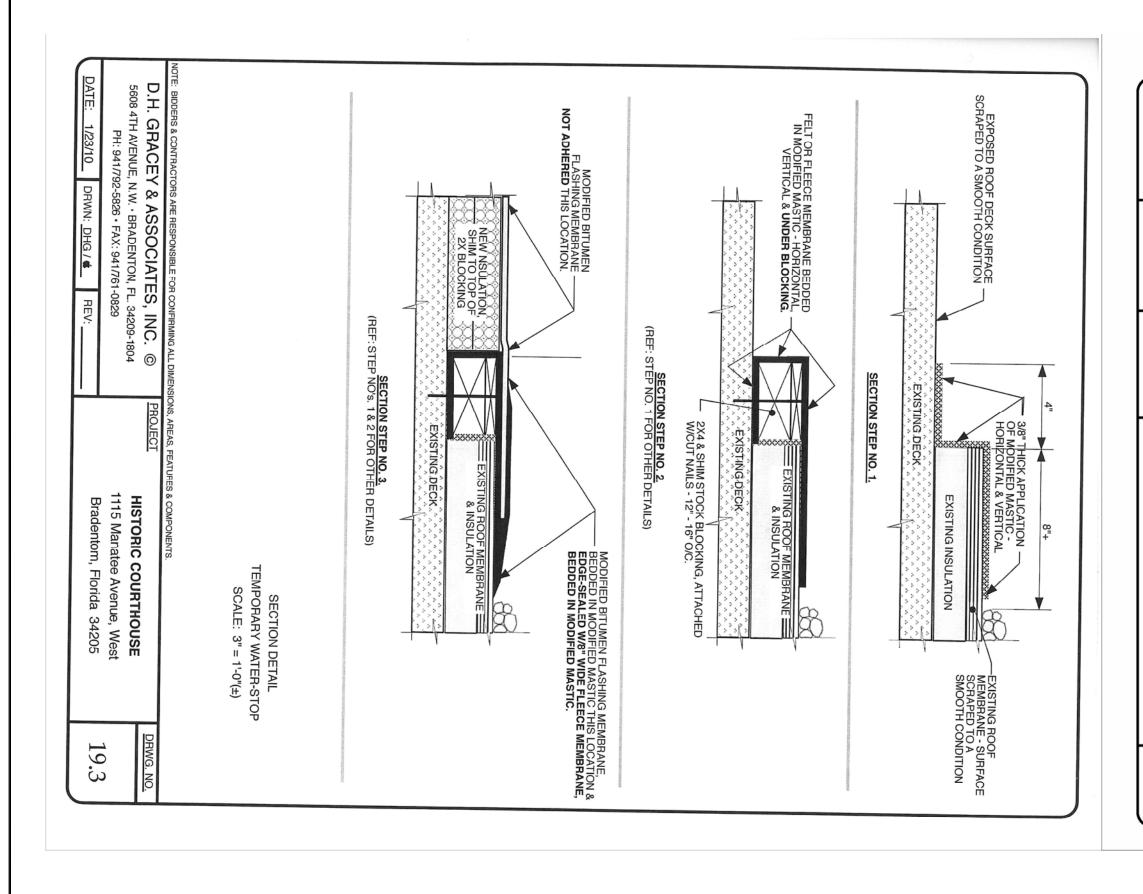


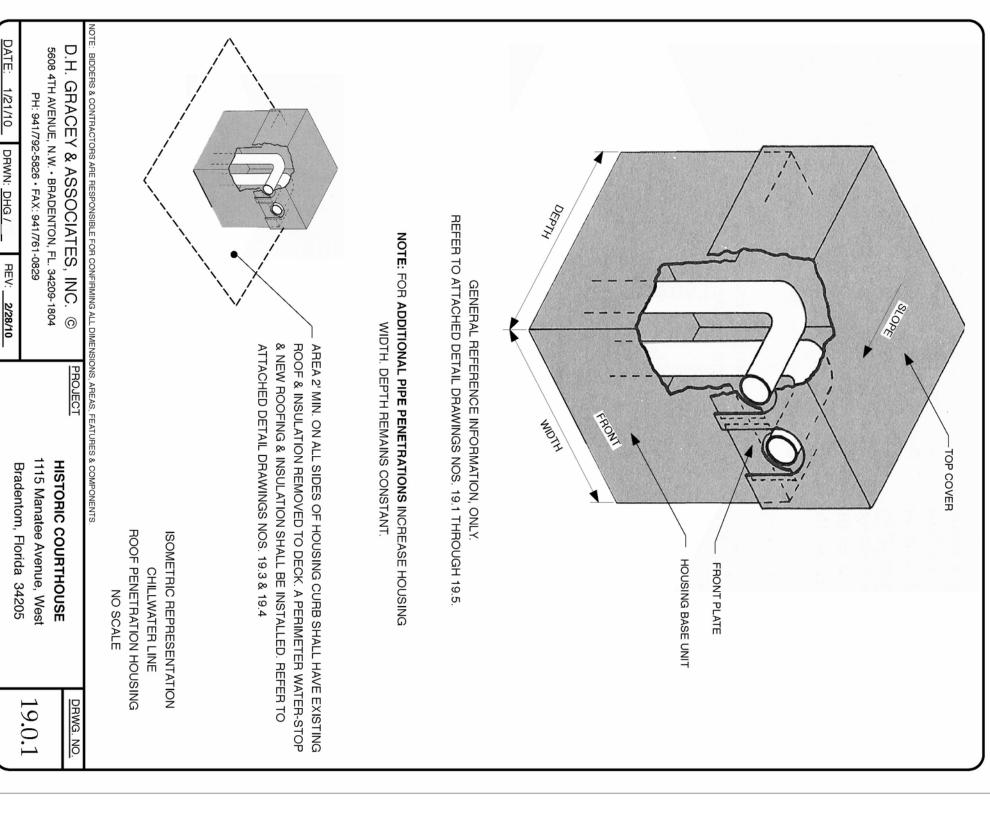
MANATEE COUNTY HISTORIC COURTHOUSE CHILLED WATER PIPING **BID ALTERNATE #1** 

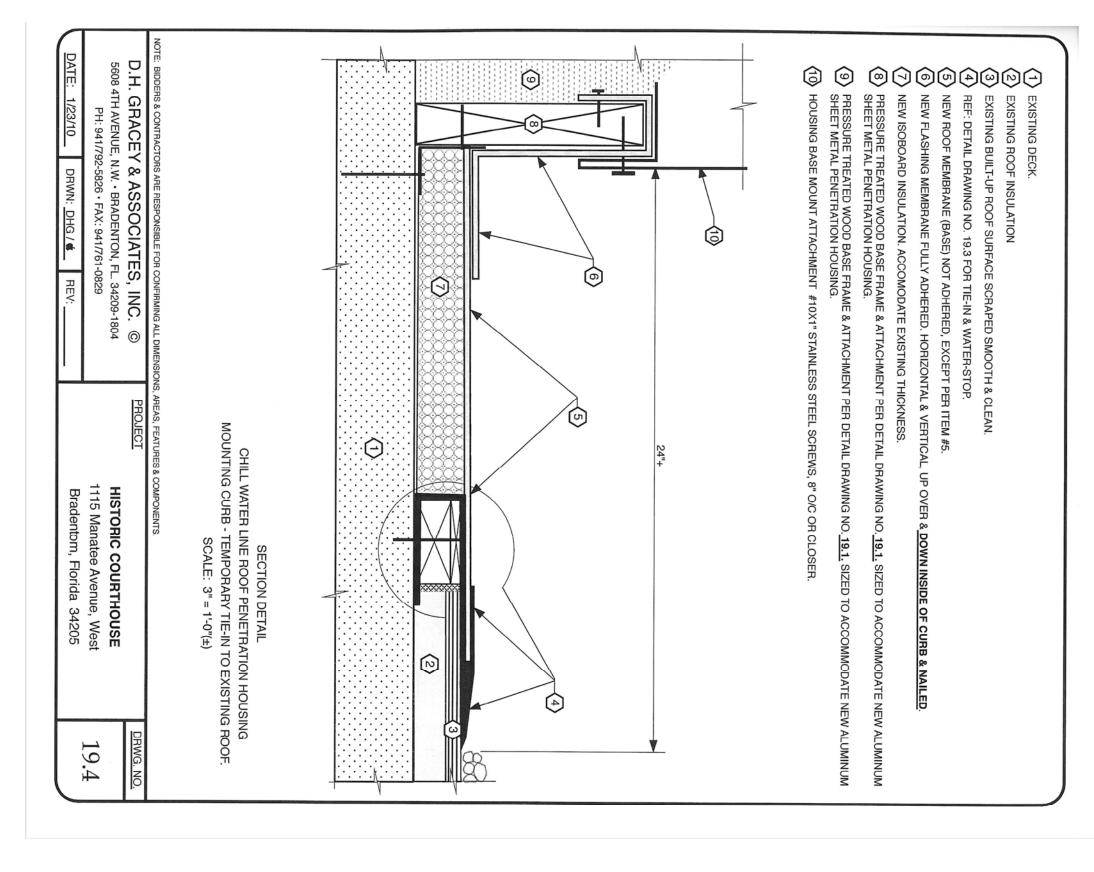
**BRADENTON, FLORIDA 34208** 

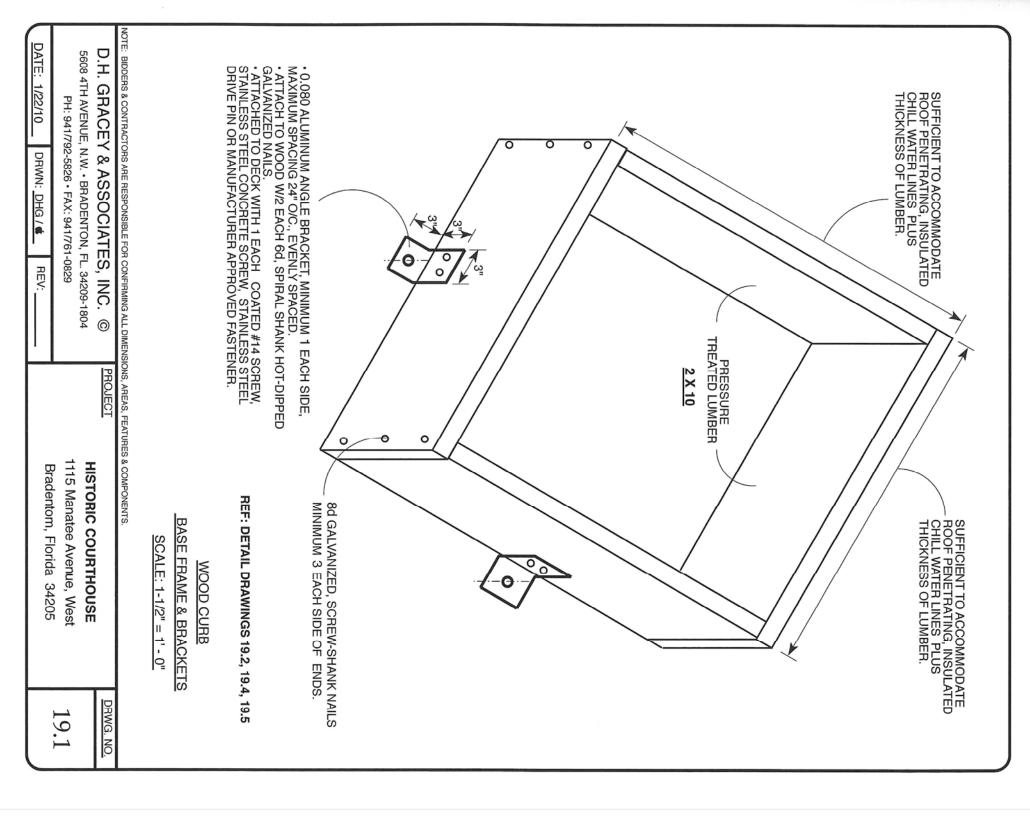


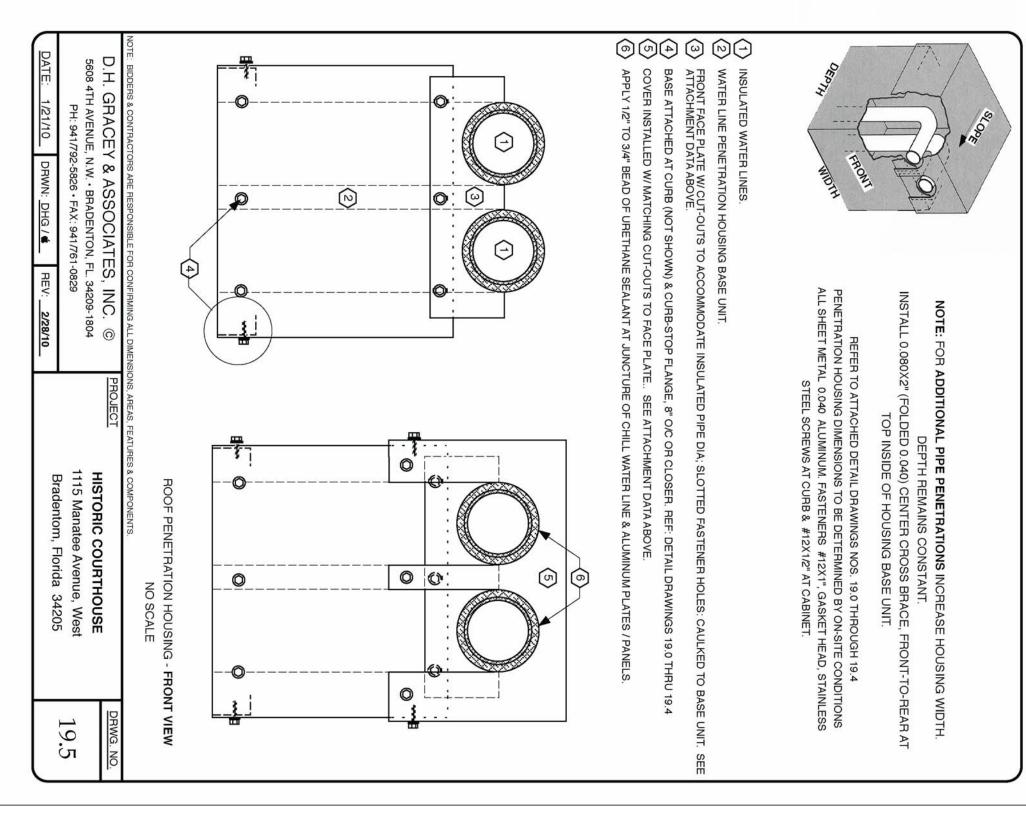


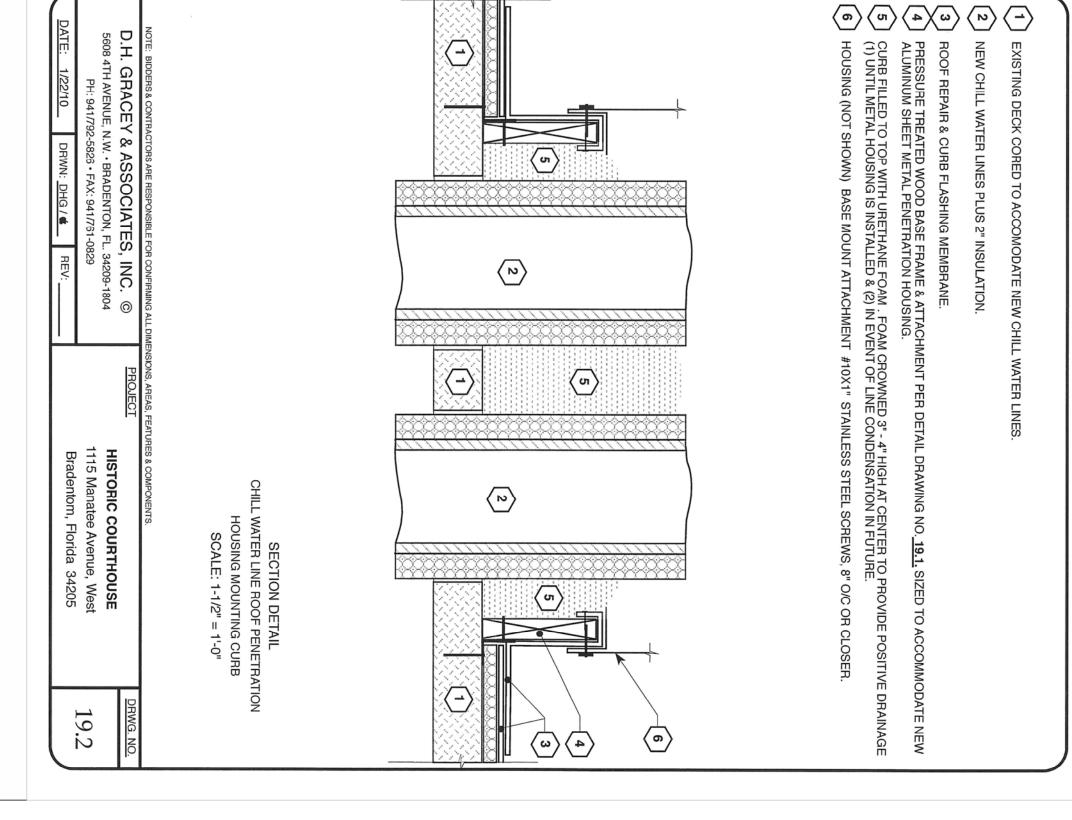












DATE: 03-04-10

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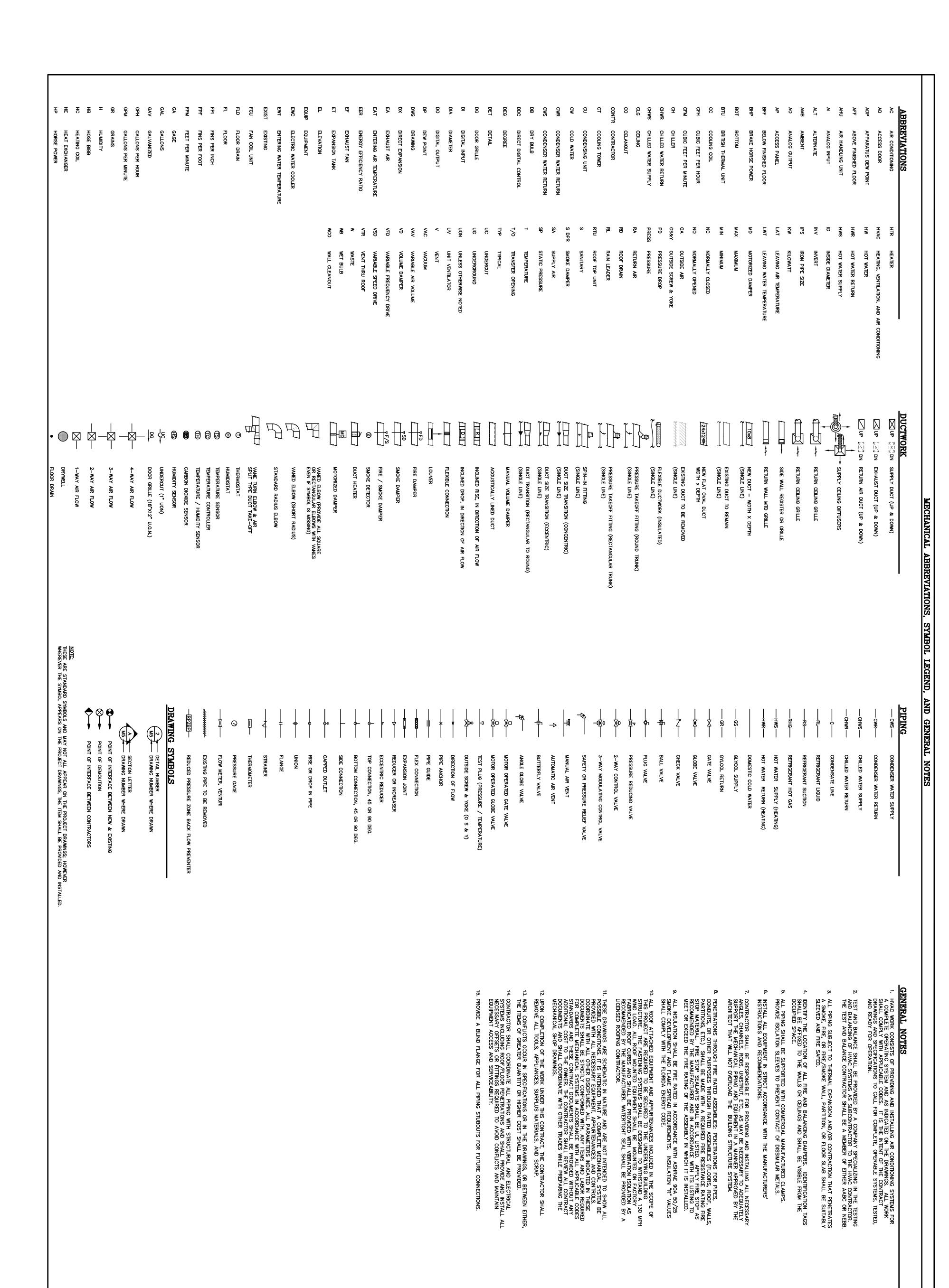
MANATEE COUNTY
HISTORIC COURTHOUSE
CHILLED WATER PIPING
BID ALTERNATE #1

BRADENTON, FLORIDA 34208

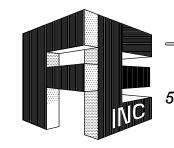
JERRY N. ZOLLER AIA
ARCHITECT / PLANNER P.A.

CHECKED BY :

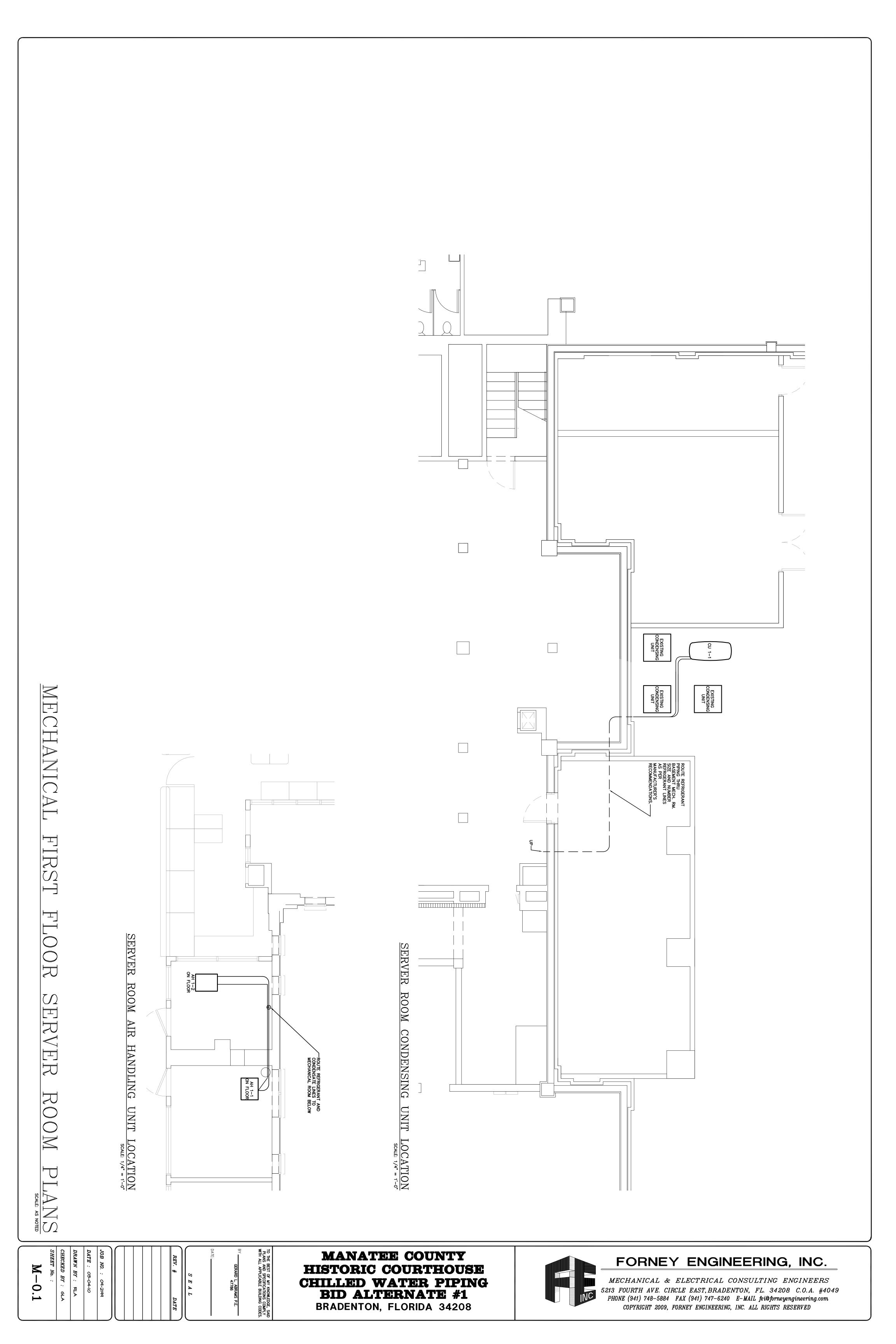
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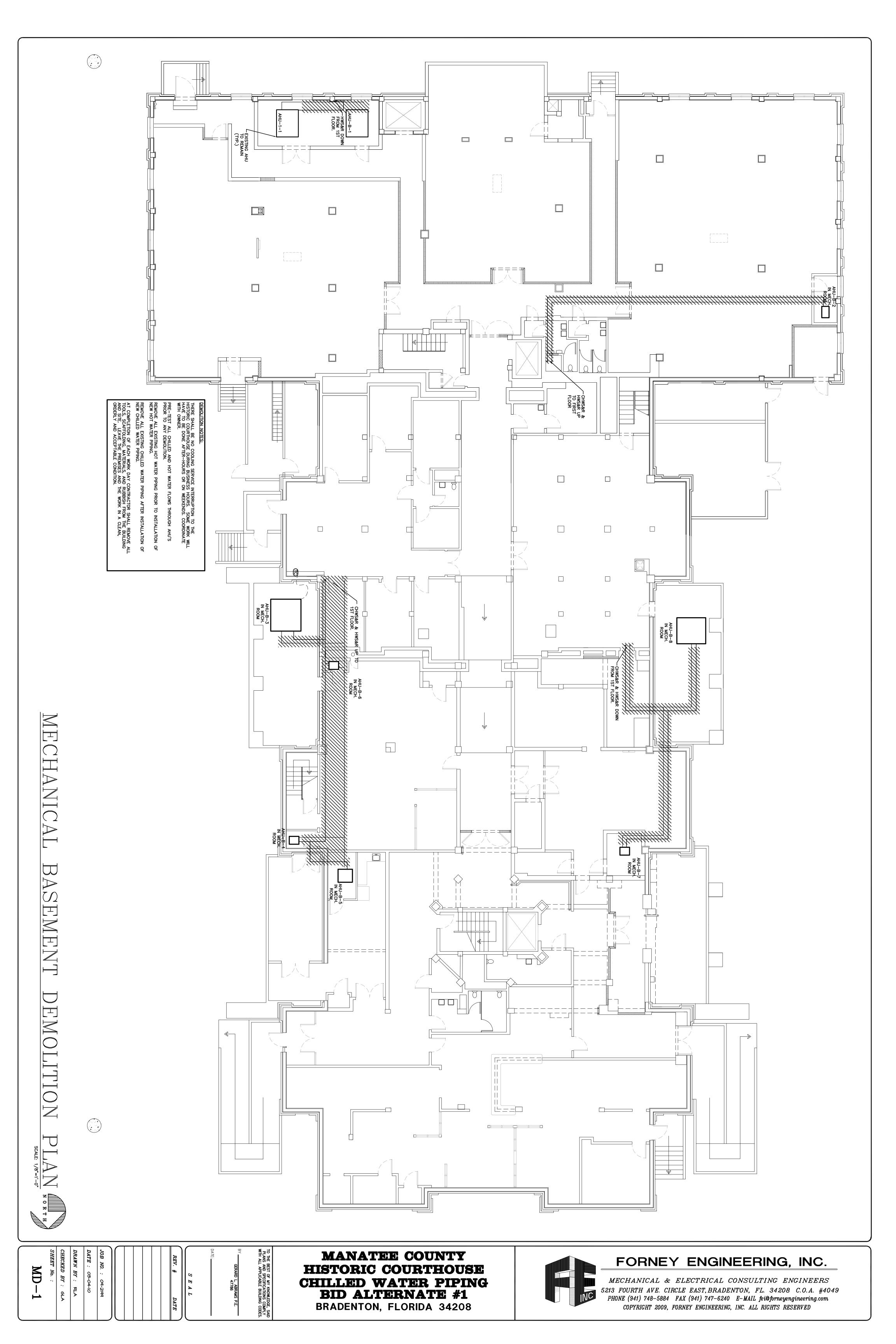


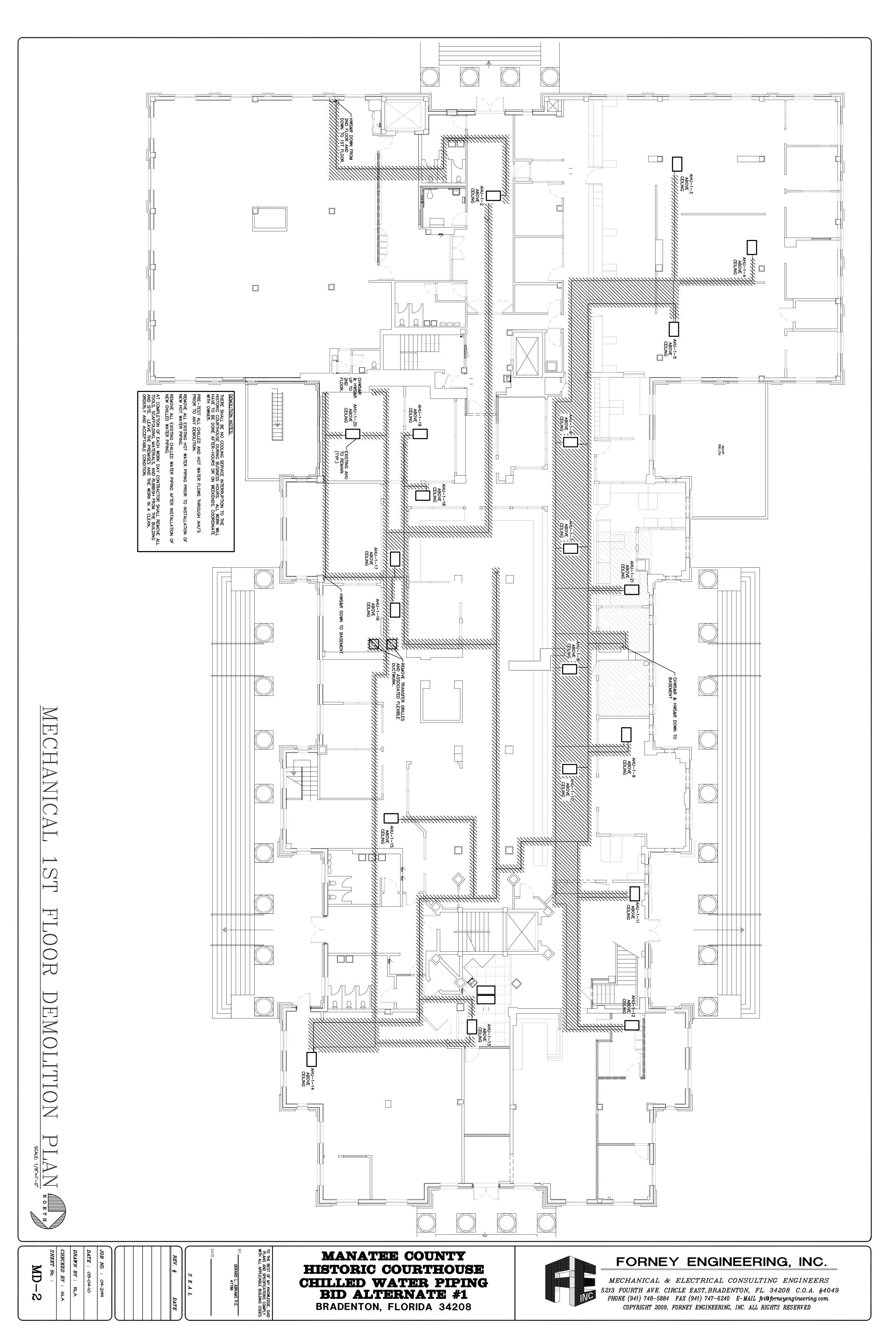
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JOB NO.: 09-2199

DATE: 03-04-10

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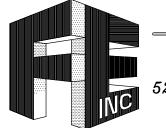
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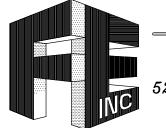
TO THE BEST OF MY KNOWLEDGE, SA PLANS AND SPECIFICATIONS COMPL WITH ALL APPLICABLE BUILDING CODI

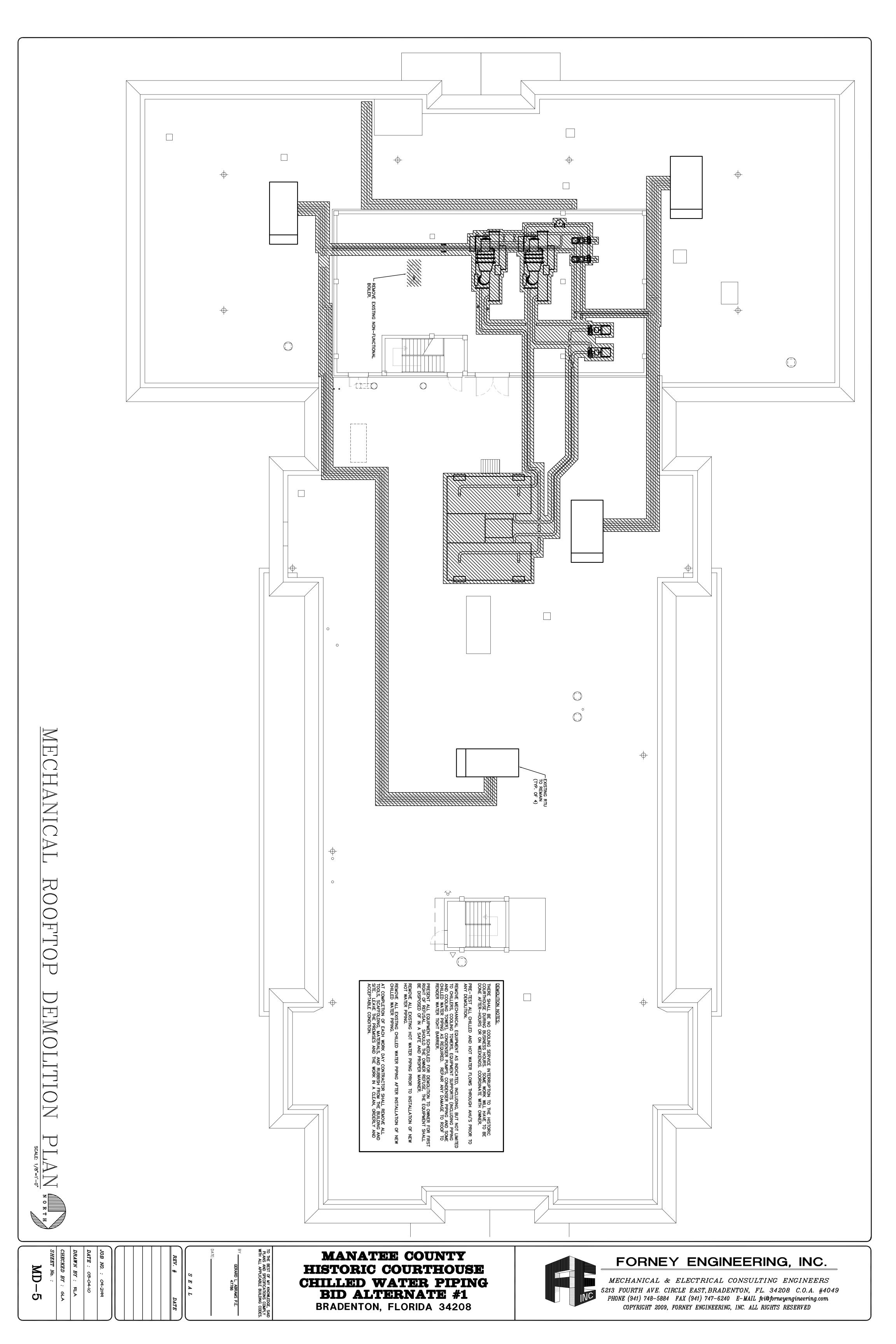
MANATEE COUNTY
HISTORIC COURTHOUSE
CHILLED WATER PIPING
BID ALTERNATE #1
BRADENTON, FLORIDA 34208

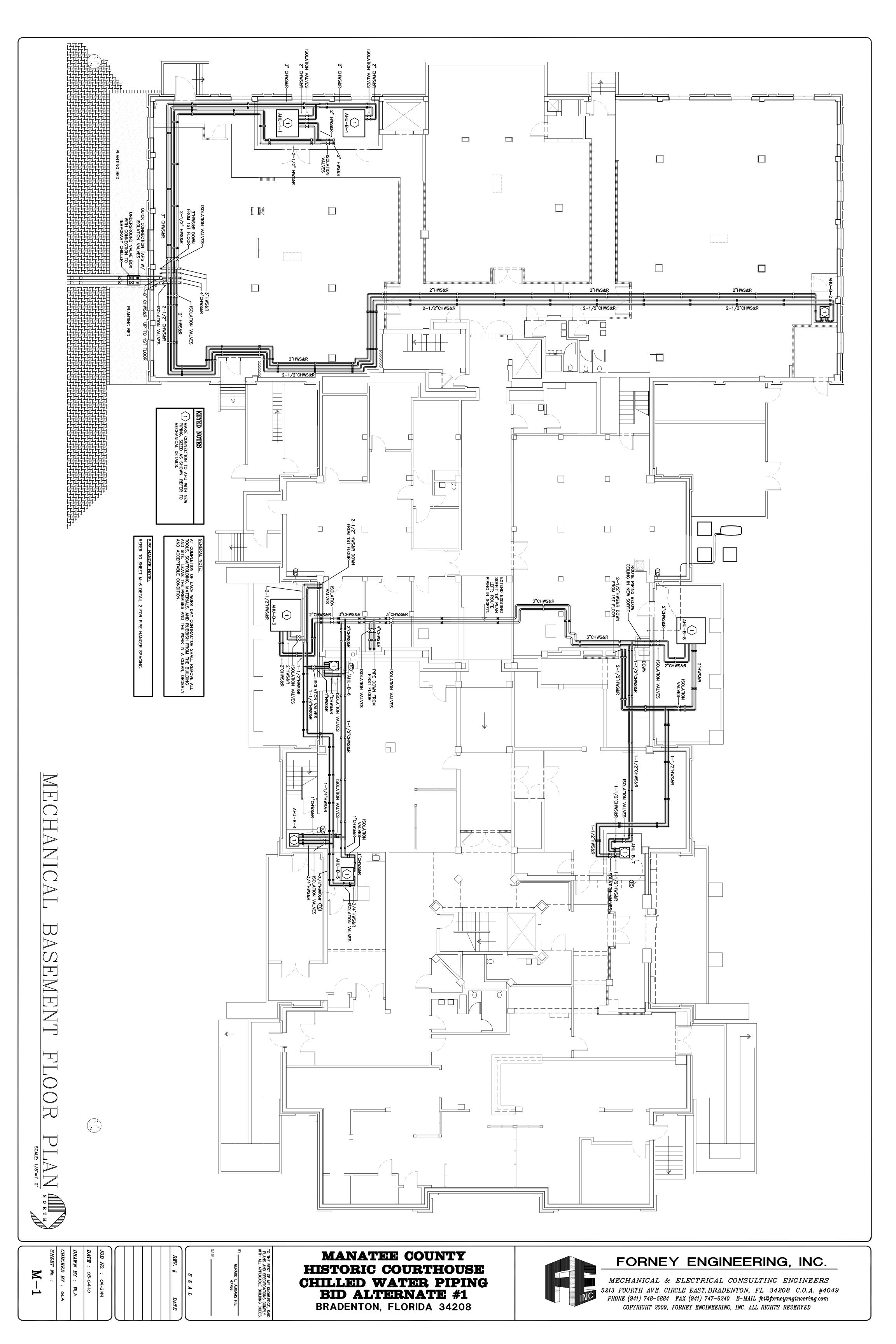


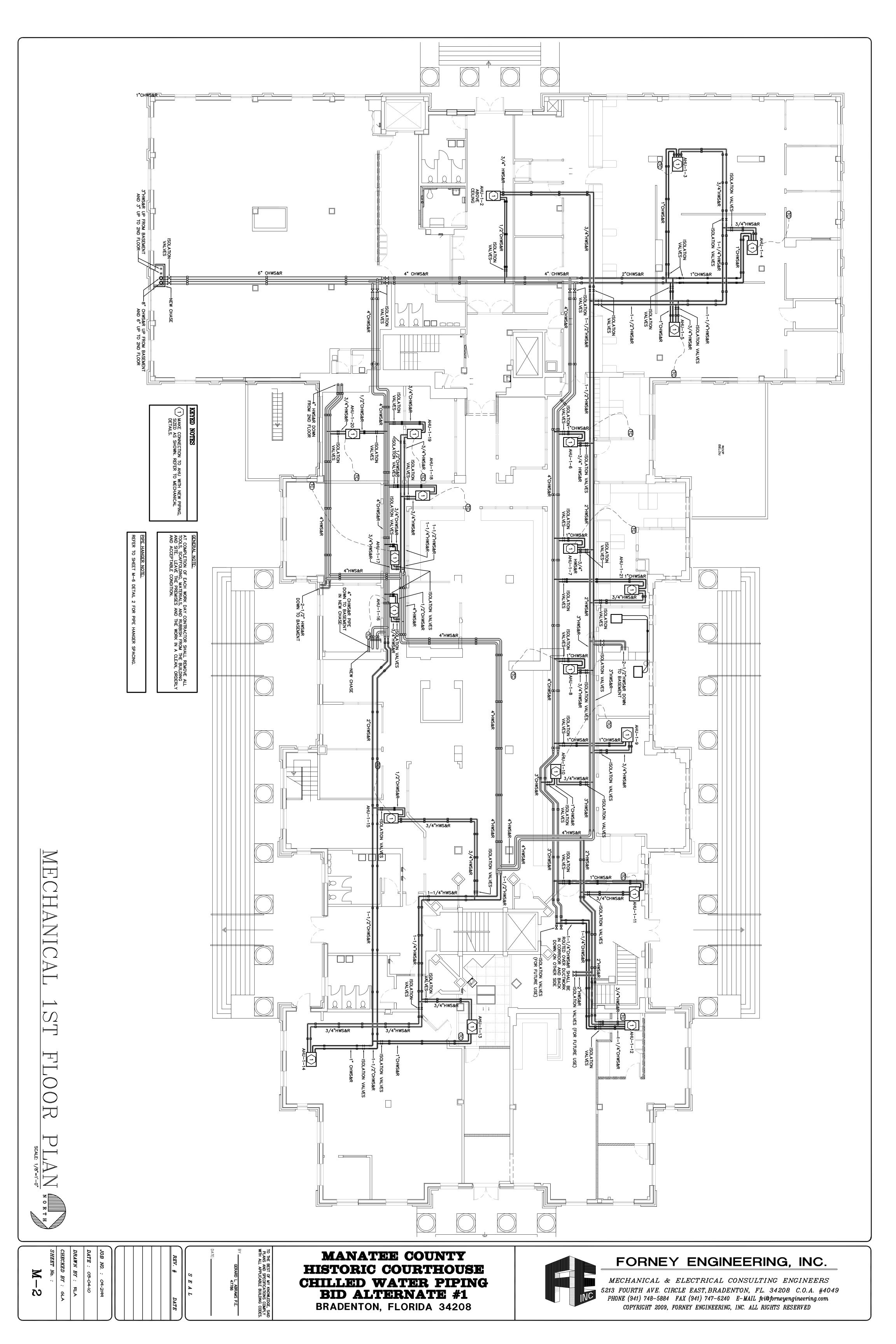
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CHILLED WATER PIPING BID ALTERNATE #1 **BRADENTON, FLORIDA 34208** 

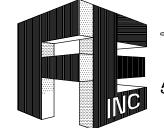


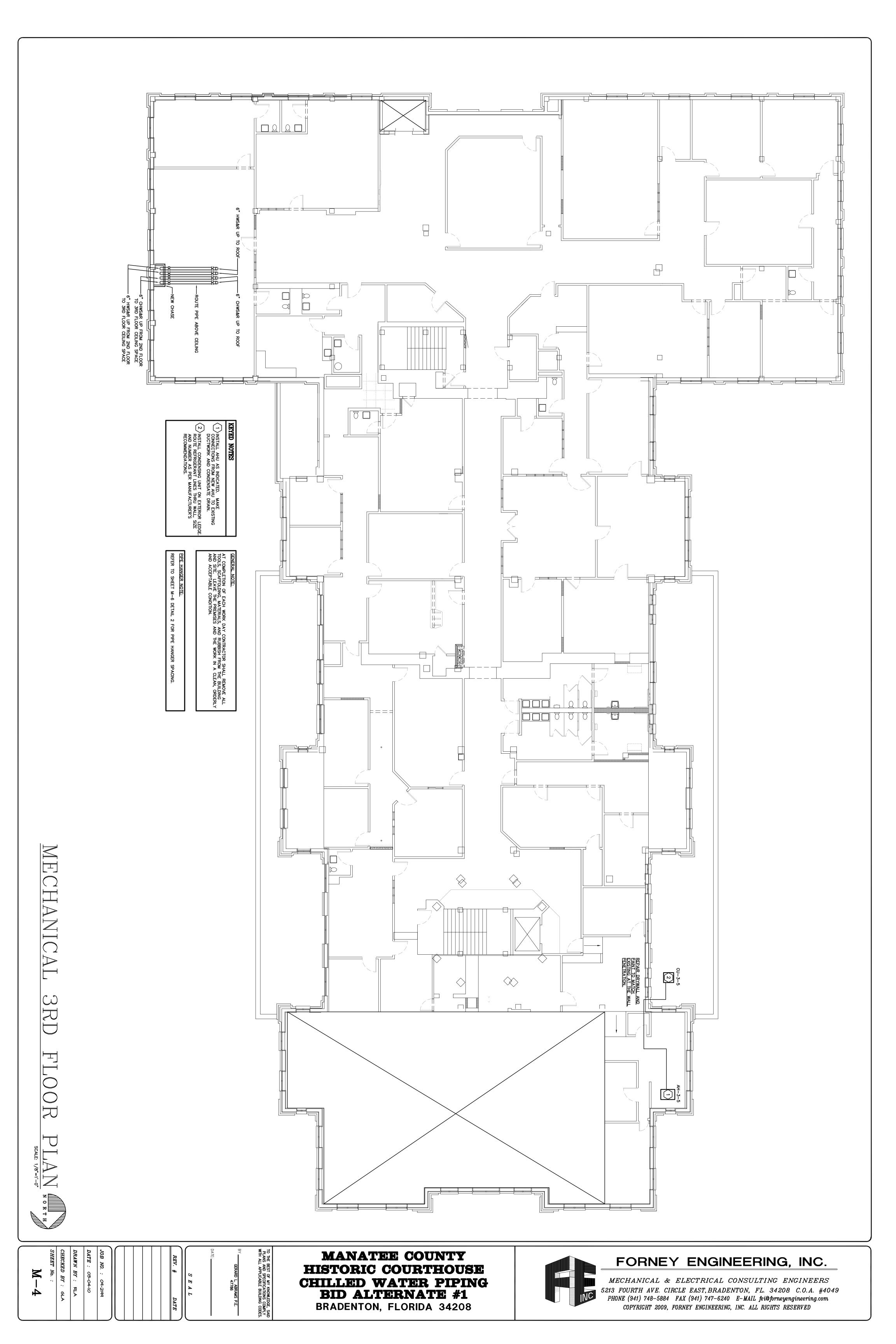


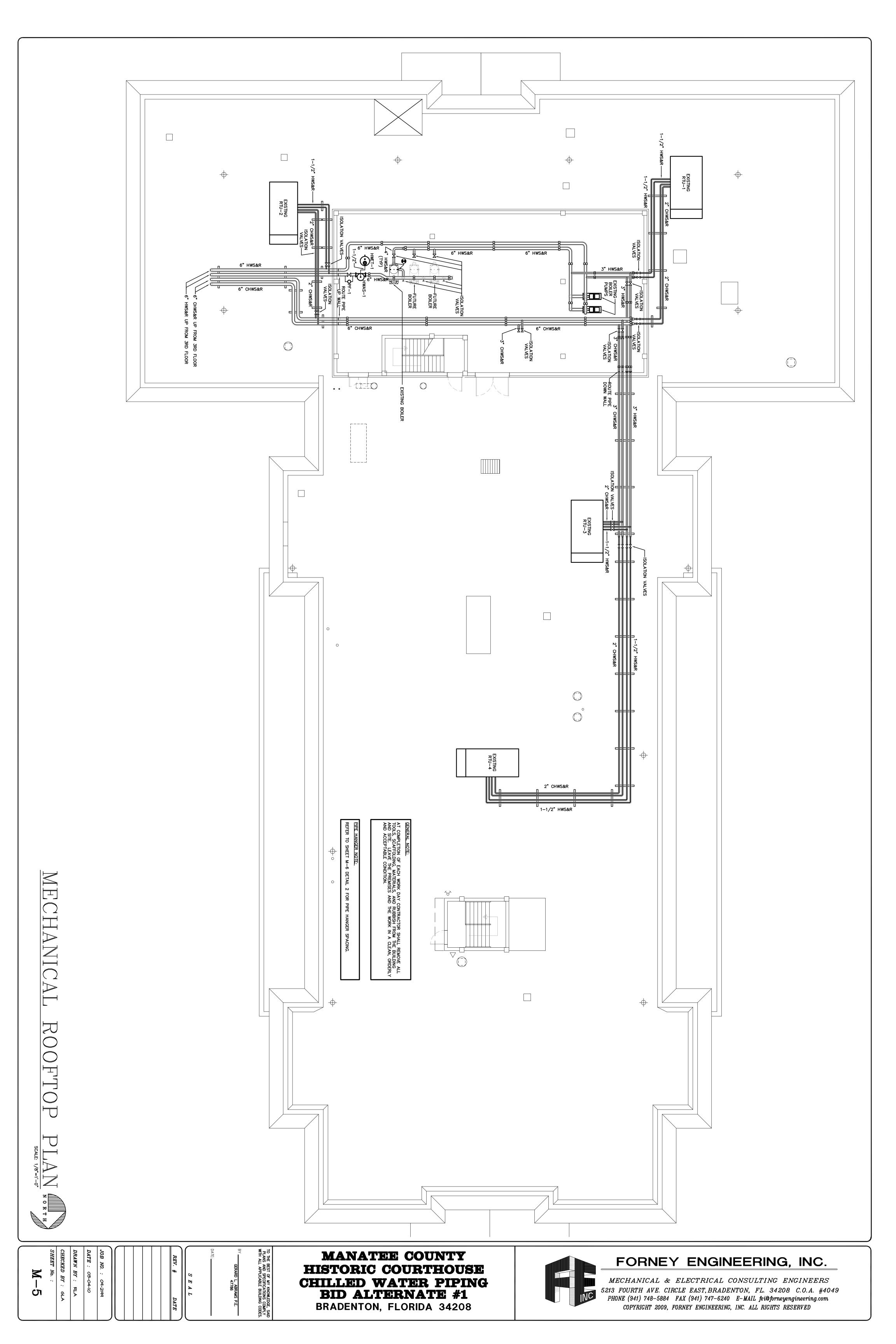




CHILLED WATER PIPING BID ALTERNATE #1 **BRADENTON, FLORIDA 34208** 







HAIL VALVE NO SCALE ROOFTOP GROUT AROUND . EXTERIOR OF SLEEVE AND PROVIDE WATERTIGHT SEAL FURNISH TWO FITTINGS AS SHOWN ABOVE TO OWNER GROUT IF BELOW GRADE; WATER PROOF FIRE CAULKING IF ABOVE WALL PENETRATION BOX BOLTED FLANGE CONNECTION **PIPING** DETAIL PROVIDE STACKABLE BOXES WITH APPROPRIATE HEIGHTS AS REQUIRED. DETAIL 4" DIA. NOTE:
PIPE STAND SHALL BE CONSTRUCTED OF
GALVANIZED PIPE, NOT PAINTED. BARE ENDS
TO BE COLD—GALVANIZED. FLUSH WITH GRADE DETAIL INSULATED PIPING WITH ALUMINUM JACKET AND PIPE SHIELD WATER PROOF FIRE CAULKING 1/4"X3" STEEL PLATE WELDED TO STEEL SLEEVE TAPCON TO WALL PIPING (INSULATED) S WATER NO SCALE TYPICAL NO SCALE FINISHED ITES:

1. CONTRACTOR SHALL SUBMIT U.L. APPROVED (1 HOUR MINIMUM)
DETAIL FOR PENETRATIONS IN RATED WALLS AND FLOORS. PROOF FIRE CAULKING;
TYPICAL BOTH SIDES TIGHT PIPE LIGHT DUTY 5000LBS (APPLIED  $\odot$  CENTER OF THE COVER), NON-TRAFFIC, RECTANGULAR MANHOLE WITH SOLID COVER, FLUSH HINGE, LIFT HANDLE AND SAFETY BAR. SLEEVE RESISTANT LIDS HANGER DETAIL DETAIL PROVIDE HIGH COMPRESSIVE STRENGTH INSULATION INSERT BLOCKS UNDER INSULATION SHIELD INSULATION (VAPOR BARRIER TYPE IS REQUIRED FOR LOW TEMPERATURE PIPE) NOTE: ALL HANGING SUPPORTS IN BASEMENT MUST BE ANCHORED INTO CONCRETE OF FLOORING ABOVE AND NOT TO CLAY TILE.  $\odot$  $\mathcal{N}$ 0 GAS NO SCALE TYPICAL NO SCALE CHILLED WATER INSULATION SHIELD (GAL. STEEL). FOR PIPES 4" AND SMALLER FABRICATE FROM 18 GA. × 18" LONG. FOR PIPES 6" AND LARGER FABRICATE FROM 16 GA. × 18" LONG. NOTES:

1) THIS IS A TYPICAL INSTALLATION DRAWING.

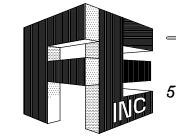
2) FOR ACTUAL SIZES AND LOCATIONS OF PIPING AND OTHER CONNECTIONS TO THE BOILER, SEE DIMENSIONAL DRAWING. FIRED SHOULD BE PIPED REVERSE RETURN AS BALANCING DEVICES ON THE OUTLETS OF JOULD BE EMPLOYED. COIL SHALL BE PIPED FOR COUNTERFLOW. THE COIL INLET (SUPPLY) SHALL BE ON THE LEAVING AIR SIDE OF THE UNIT TRAPEZE **BOILER** 0 0 COIL NOTE: ALL HANGING SUPPORTS IN BASEMENT MUST BE ANCHORED INTO CONCRETE OF FLOORING ABOVE AND NOT TO CLAY TILE. 0 CONCRETE FLOOR SLAB PIPE MULTIPLE 0 **PIPING** HANGER DIAGRAM 0 UNIT 0 DIAPHRAGM TYPE EXPANSION TANK INST ALLATION  $\omega$ ~ TYPICAL NO SCALE HOT WATER (SUPPLY) SHALL BE ON THE LEAVING AIR SIDE OF THE UNIT  $TRAPEZE_{,}$ EXISTING HEATING COIL LER(S) COIL **PIPING** 0 CLEVIS **╢┸┸** DETAIL PIPE NOTE: ALL HANGING SUPPORTS IN BASEM MUST BE ANCHORED INTO CONCRETE OF FLOORING ABOVE AND NOT TO CLAY TILE. 0 - WYE STRAINER WITH BLOW DOWN VALVE HANGER PETE'S PLUG (TYP) 10  $\infty$ 

SHEET No. :

M-6

O THE BEST OF MY KNOWLEDGE, SPLANS AND SPECIFICATIONS COMPATH ALL APPLICABLE BUILDING COL

MANATEE COUNTY
HISTORIC COURTHOUSE
CHILLED WATER PIPING
BID ALTERNATE #1
BRADENTON, FLORIDA 34208



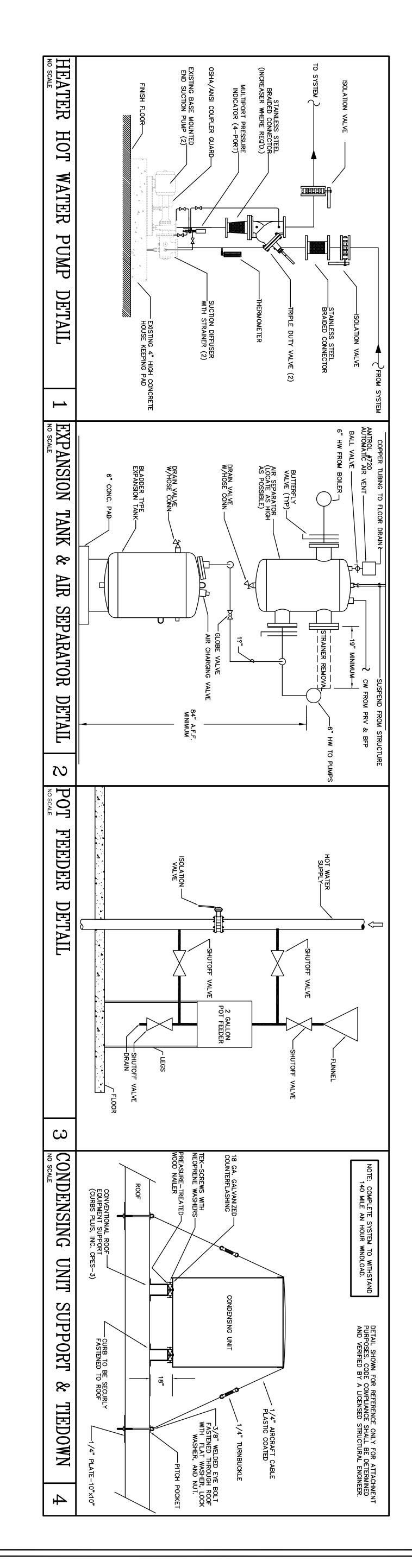
### FORNEY ENGINEERING, INC.

MECHANICAL DETAILS

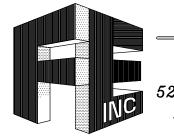
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MANATEE COUNTY
HISTORIC COURTHOUSE
CHILLED WATER PIPING
BID ALTERNATE #1
BRADENTON, FLORIDA 34208



### FORNEY ENGINEERING, INC.

SCALE: NO SCALE	
L SCHEDULE	MECHANICA

DRAWN BY :

		I. I.			
NOTES	GALLONS	MODEL	M	MANUFACTURER	곳
	POT FEEDER SCHEDULE	POT FEEDER			
	23.0	44.4	AX-80V	AMTROL	
NOIES	(GAL)	VULUME (GAL)	MODEL	MANOTACIORER	

 MARK
 MANUFACTURER
 MODEL
 GPM
 UNIT SHALL HAVE STAINLESS STEEL STRAINER WITH 3/16" PERFORAT

 HWAS-1
 AMTROL
 AS-6
 575
 UNIT SHALL HAVE STAINLESS STEEL STRAINER WITH 3/16" PERFORAT

 MARK
 MANUFACTURER
 MODEL
 VOLUME (GAL)
 ACCEPT. VOLUME (GAL)
 NOTES

 HWET-1
 AMTROL
 AX-80V
 44.4
 23.0
 NOTES

COND. UNIT MODEL NO.

### ACCEPTABLE MANUFACTURERS ARE: TRANE, CARRIER, AND YORK.

ACCEPTABLE MANUFACTURERS ARE: TRANE, CARRIER, AND YORK.

ALL AIR HANDLING UNITS TO HAVE FACTORY MOUNTED DISCONNECTS.

REFRIGERATION PIPING.

BOUIDE FOR LONG LINE PIPING.

NOTE: INTEGRATE SPUT SYSTEM INTO ALC CONTROLS.

\*\*NOTE: INTEGRATE SPUT SYSTEM INTO ALC CONTROLS.\*\*

\*\*NOTE: INTEGRATE SPUT SYSTE

MARK
OUTDOOR TEMP ARI 210/240 (DEG F)
COND. ELECTRICAL (V/PH/HZ)
CONDENSER FANS (NO./FLA.)
COMPRESSOR (NO./RLA)
ICA / MOP
IN SEER/EER
EIGHT (LBS)
CONDENSER FANS (NO./RLA)
ICA / MOP
IN SEER/EER
EIGHT (LBS)
COMPRESSOR (NO./RLA)

	DIAGRAM	MA ADAIG DINIQIQ TIVA REDIRERA
IBISHI	MITSUBISHI	MANUFACTURER
OTHMU-A	РИНҮ-Р120ТНМИ-А	COND. UNIT MODEL NO.
SCROLL	INVERTER SCROLL	COMPRESSOR TYPE
5.0	> 15.0	MIN SEER/EER
/50	41/50	MCA / MOP
3/60	208/3/60	COND. ELECTRICAL (V/PH/HZ)
5	95	OUTDOOR TEMP ARI 210/240 (DEG F)
1-1	CU 1-1	MARK
PVFY-P54E00A	PVFY-P54E00A	BLOWER MODEL NO.
170	170	WEIGHT (LBS)
1" PLEATED	1" PLEATED	FILTER (TYPE)
208/1/60	208/1/60	ELECTRICAL SERVICE (V/PH/HZ)
3.53/15	3.53/15	MCA / MOP
60,000	60,000	HEATING CAPACITY (BTUH)
0.41	0.41	BLOWER MOTOR (KW)
0.5	0.5	EXTERNAL STATIC PRESS. (IN. W.C.)
75/63	75/63	ENTERING AIR ARI 210/240 (DB/WB)
_	_	OUTSIDE AIR (CFM)
1570	1570	TOTAL AIR (CFM)
0	0	LATENT CAPACITY (BTUH)
54,000	54,000	SENSIBLE CAPACITY (BTUH)
54,000	54,000	TOTAL CAPACITY (BTUH)
AH 1-2	AH 1-1	MARK

ZONE NAME

TOTAL CAPACITY (BTUH)

SENSIBLE CAPACITY (BTUH)

LATENT CAPACITY (BTUH)

TOTAL AIR (CFM)

OUTSIDE AIR (CFM)

ENTERING AIR ARI 210/240 (DB/WB)

EXTERNAL STATIC PRESS. (IN. W.C.)

BLOWER MOTOR (HP)

ELECTRIC HEAT (KW@208V)/CFM

MCA / MOP

ELECTRICAL SERVICE (V/PH/HZ)

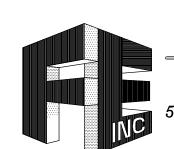
FILTER (TYPE)

WEIGHT (LBS)

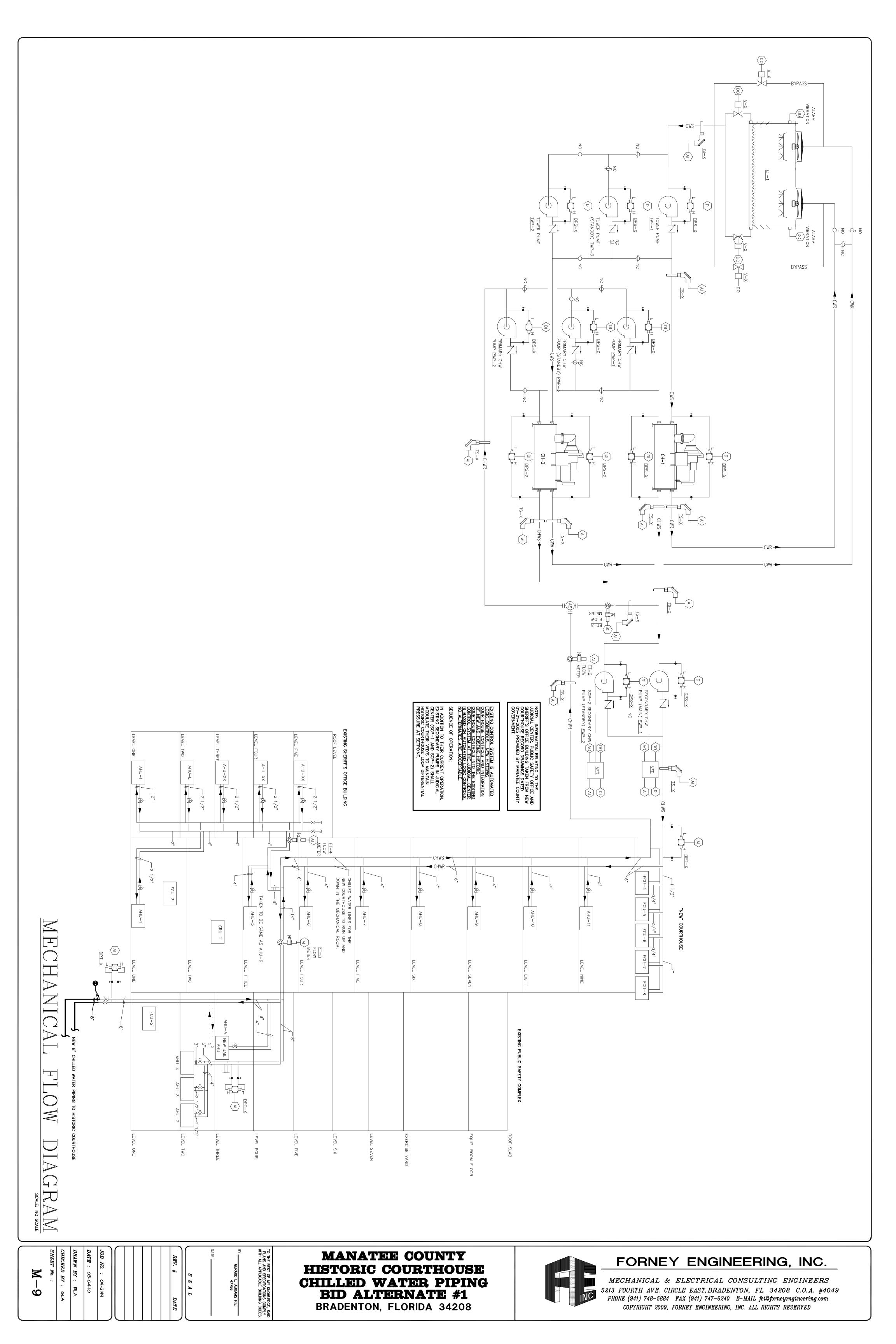
BLOWER MODEL NO.

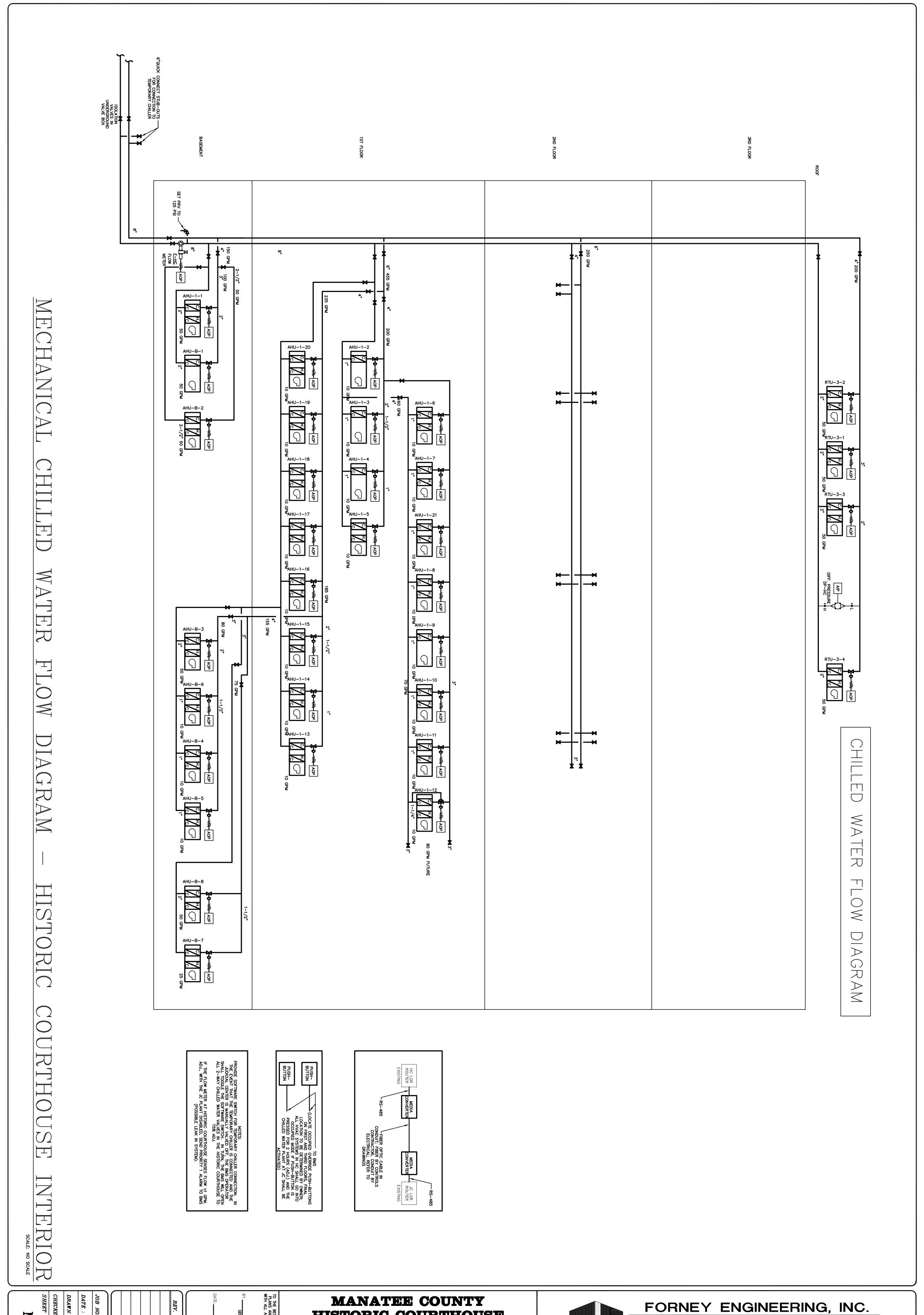
MARK

MANATEE COUNTY
HISTORIC COURTHOUSE
CHILLED WATER PIPING
BID ALTERNATE #1
BRADENTON, FLORIDA 34208



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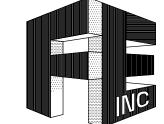




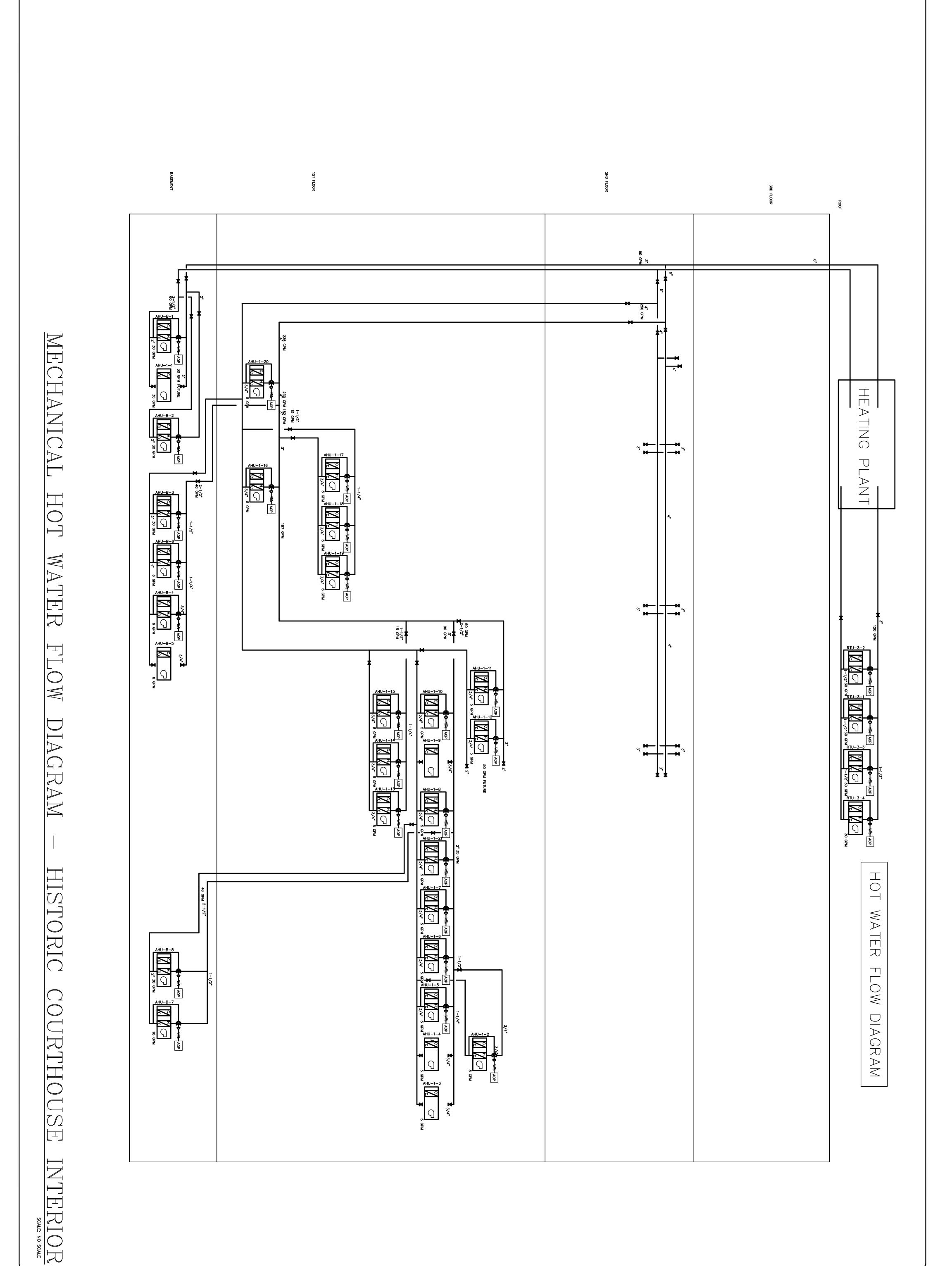
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TO THE BEST OF MY KNOWLEDGE, SAID PLANS AND SPECIFICATIONS COMPLY WITH ALL APPLICABLE BUILDING CODES.

HISTORIC COURTHOUSE CHILLED WATER PIPING BID ALTERNATE #1 **BRADENTON, FLORIDA 34208** 

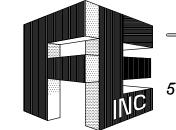


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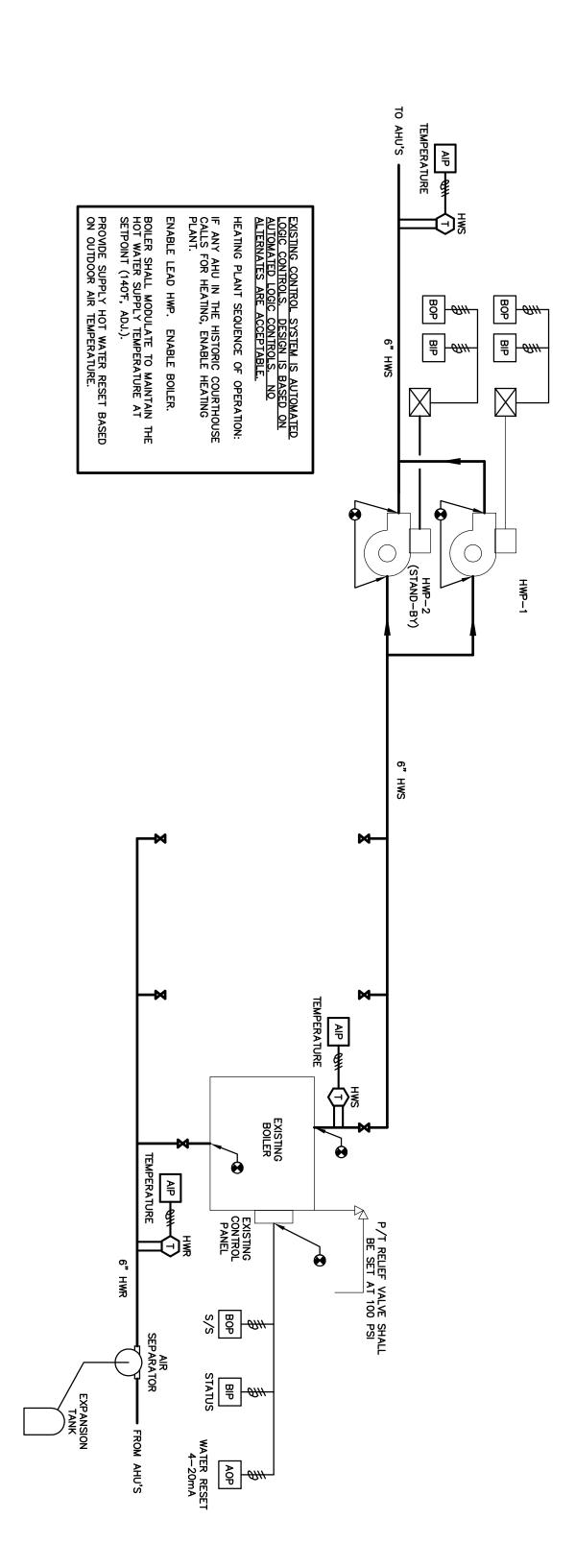


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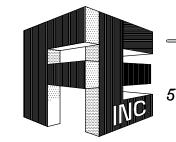
MANATEE COUNTY
HISTORIC COURTHOUSE
CHILLED WATER PIPING
BID ALTERNATE #1
BRADENTON, FLORIDA 34208



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MANATEE COUNTY HISTORIC COURTHOUSE CHILLED WATER PIPING BID ALTERNATE #1 **BRADENTON, FLORIDA 34208** 

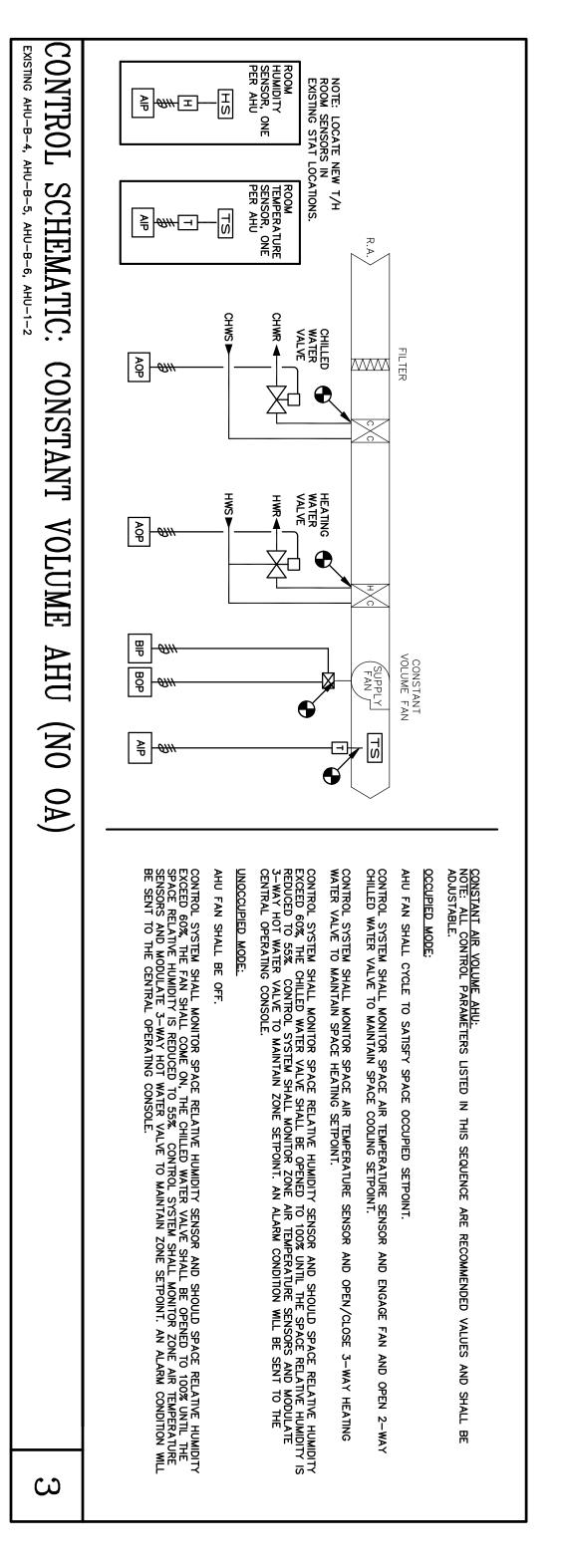


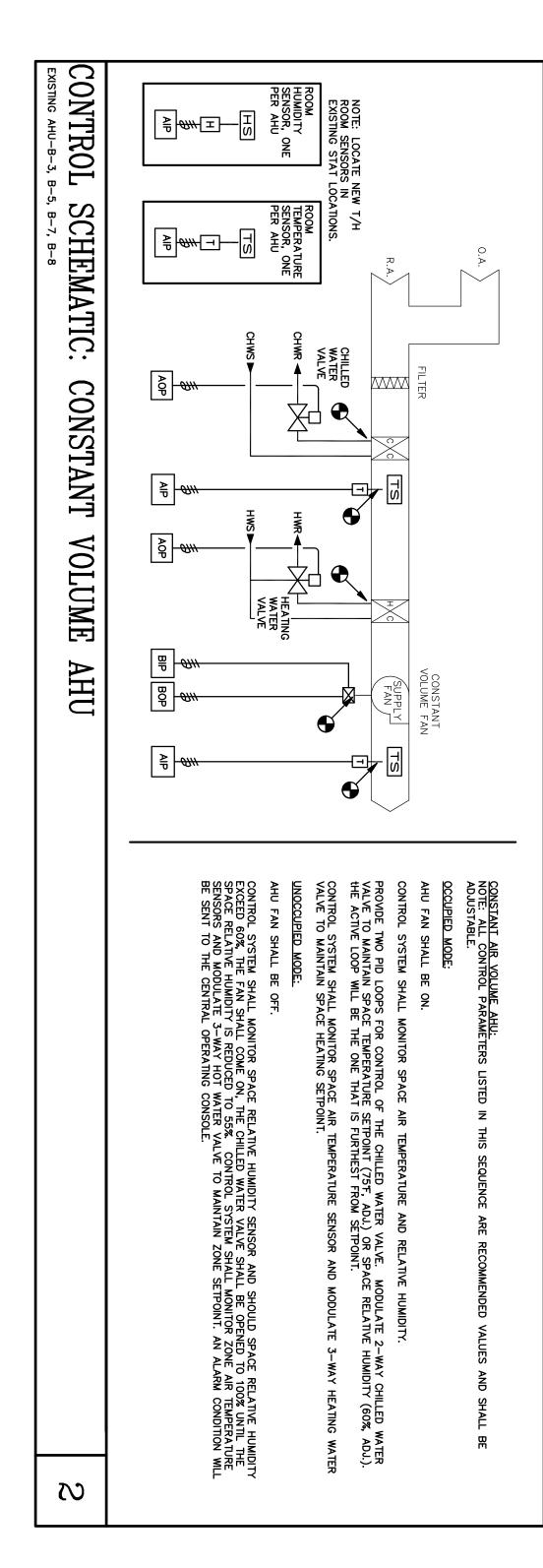
### FORNEY ENGINEERING, INC.

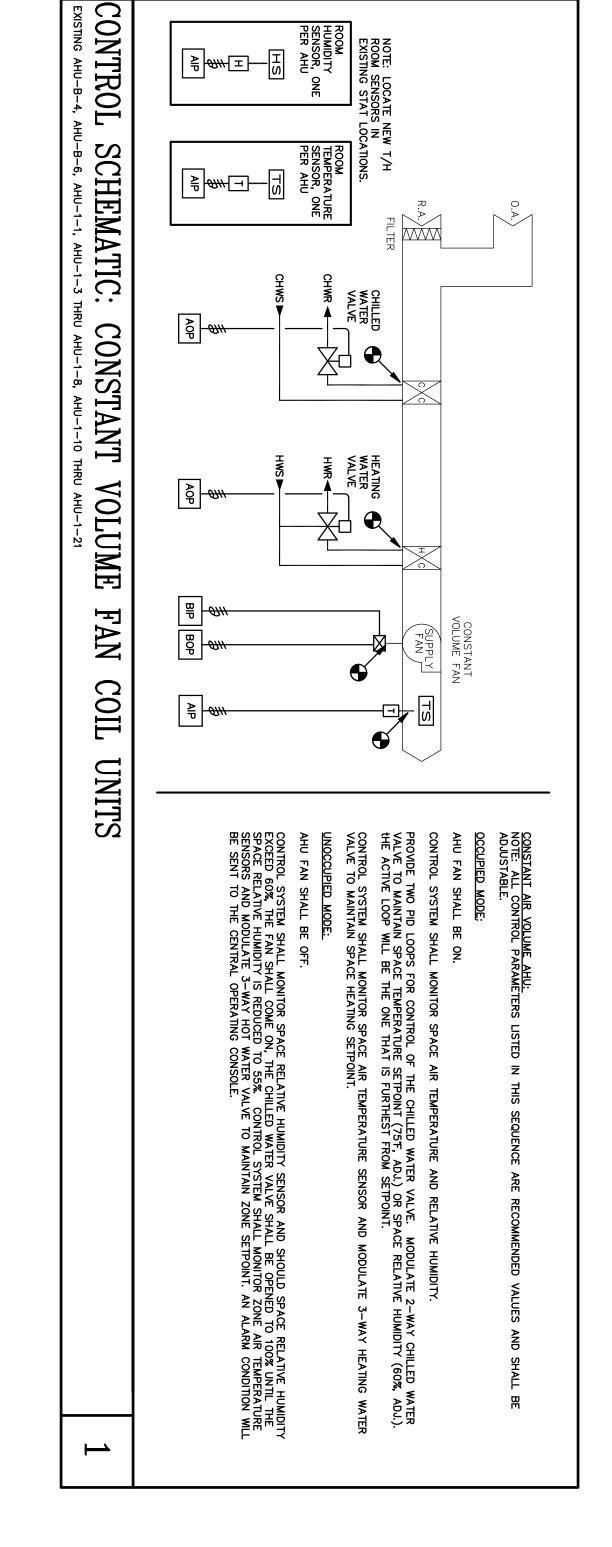


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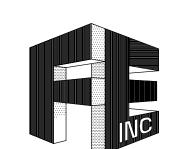




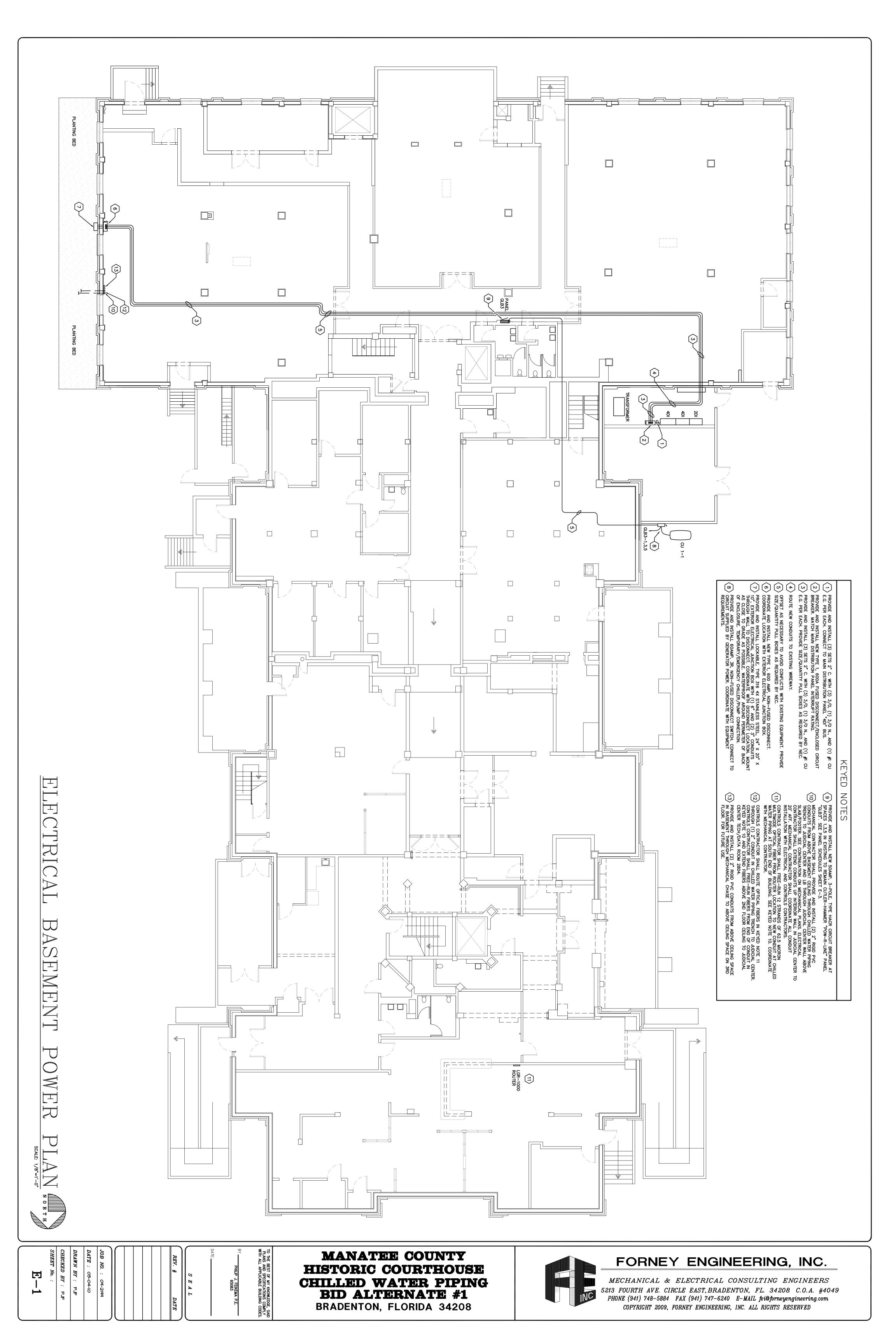


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SHEEL NO. :	CHECKED BY : 6LA	DRAWN BY : RLA	DATE : 03-04-10	JOB NO. : 09-2199		REV. # DATE	S E A L	<b>47786</b> DATE:	BY GERARD L. ABRAMS P.E.	TO THE BEST OF MY KNOWLEDGE, SA PLANS AND SPECIFICATIONS COMPLY WITH ALL APPLICABLE BUILDING CODE	MANATEE COUNTY HISTORIC COURTHOUS CHILLED WATER PIPIN BID ALTERNATE #1 BRADENTON, FLORIDA 34208

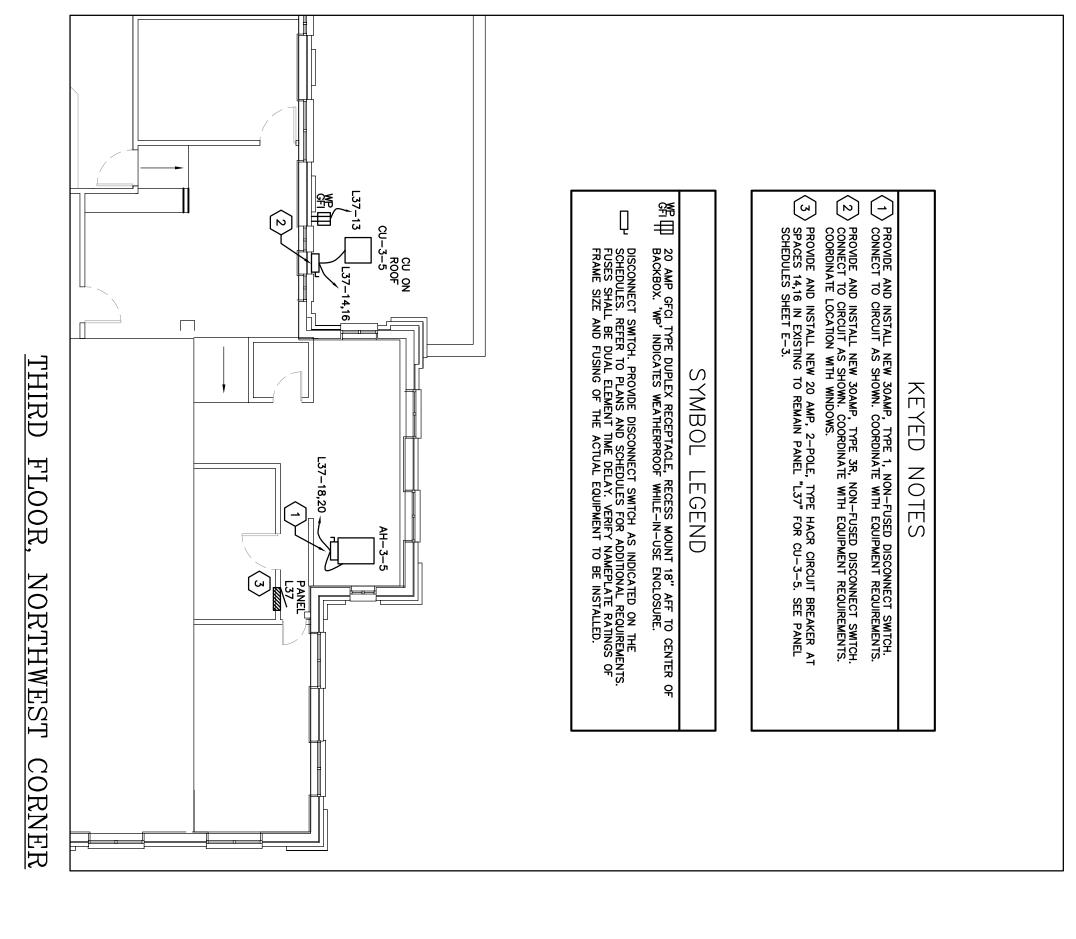
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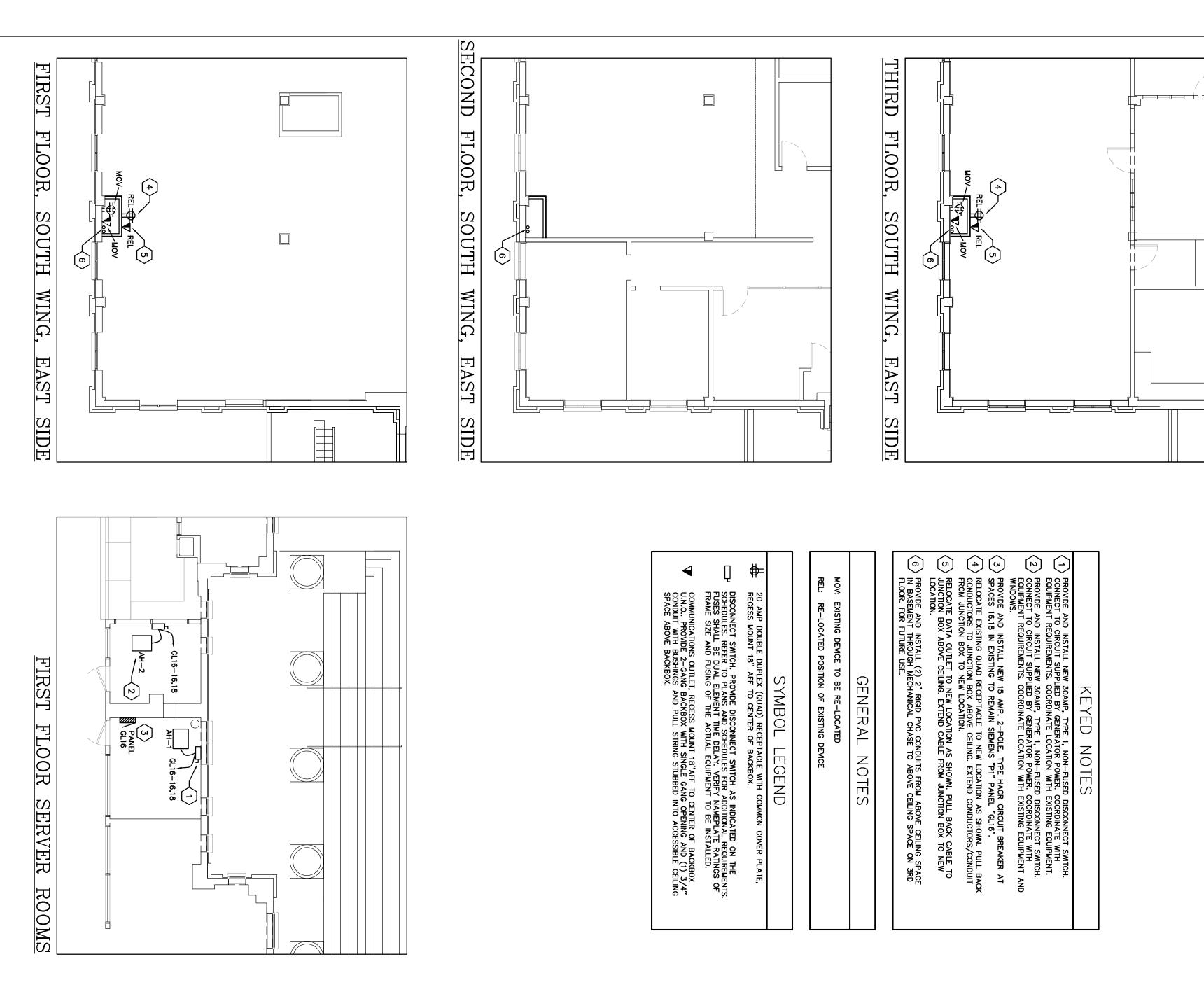


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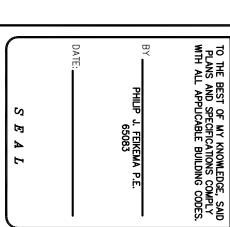


# ELECTRICAL POWER PARTIAL FLOOR PLANS NOR THE SCALE: 1/8"=1'-0"

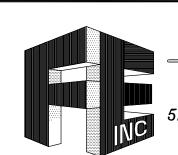




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モー2	SHEET No. :	CHECKED BY : PJF	DRAWN BY: PJ⊨	DATE: 03-04-10	JOB NO. : 09-2199



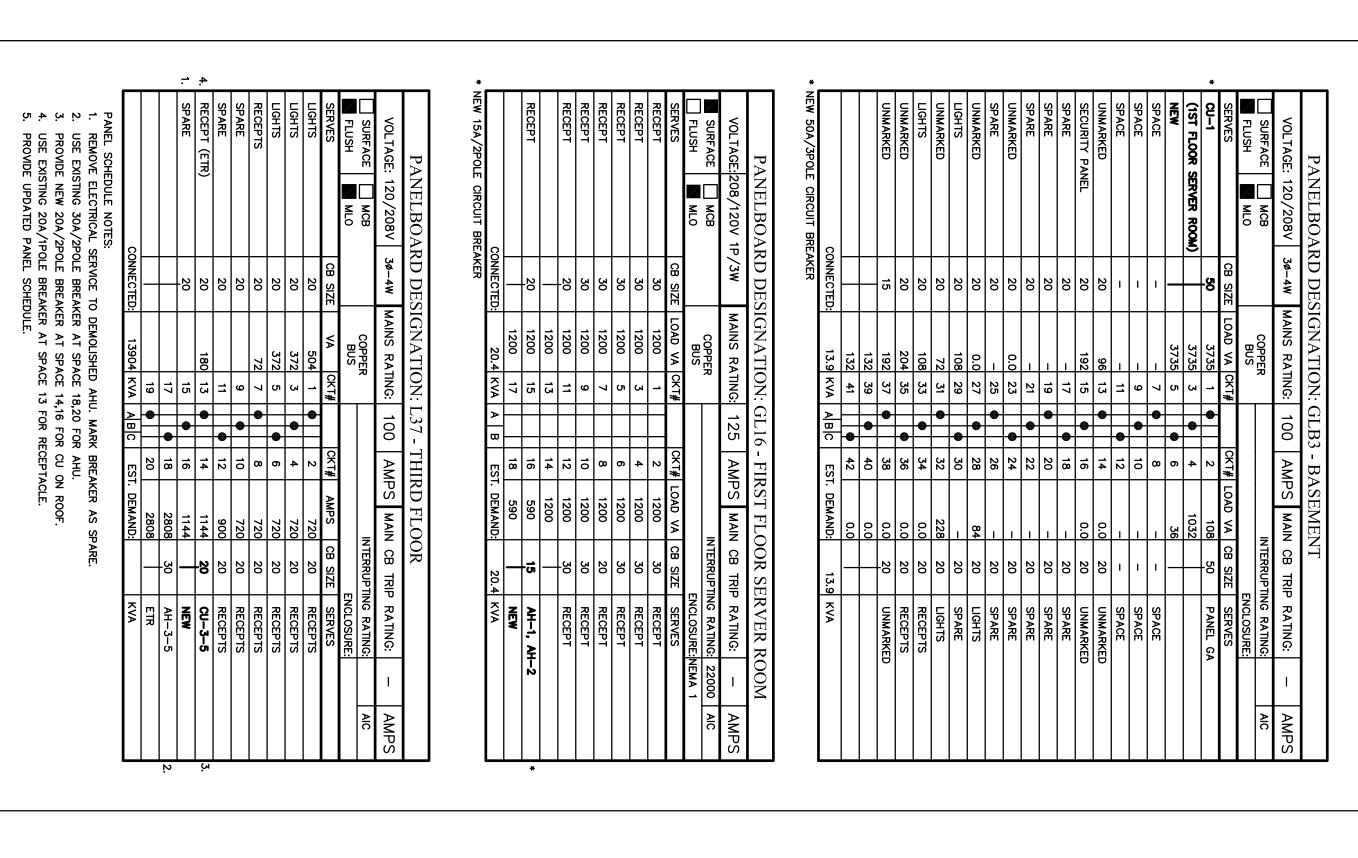
MANATEE COUNTY
HISTORIC COURTHOUSE
CHILLED WATER PIPING
BID ALTERNATE #1
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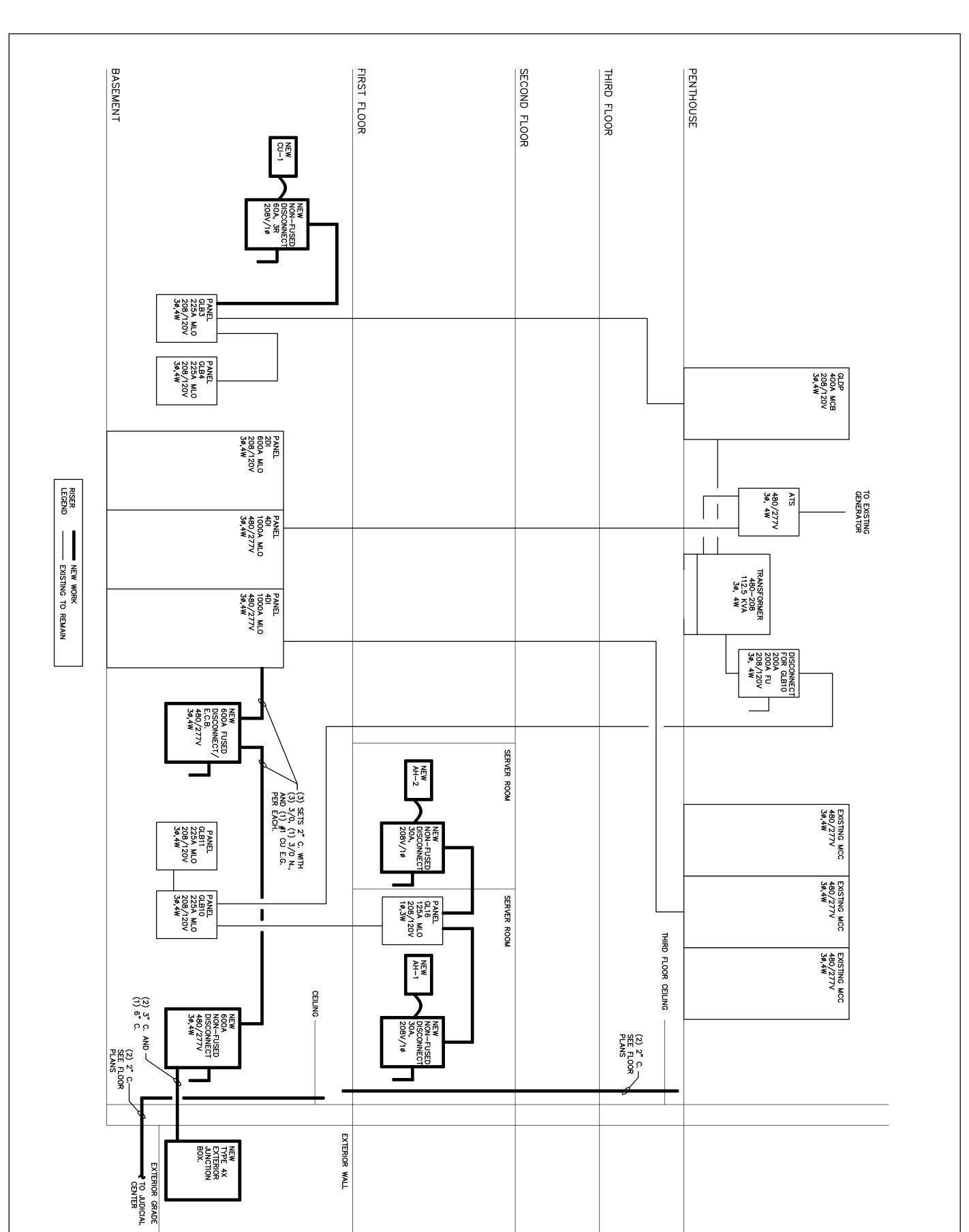


### FORNEY ENGINEERING, INC.

### PANEL SCHEDULES

## PARTIAL ELECTRICAL RISE





				NOTES:	5	4	3	2	1	U/U #
		2. PRC	FEX S	1. FIN.	30A	30A	30A	30A	60A	317F
	D	)VIDE F	HALL I	L CON	30A 2	2	2	2	3	PULES
	IS(	OLE TO	BE WATI	NECTION	1	_	1	1	3	PHASE
	0	DISCO	RTIGH	OT SI	1	ЗŖ	1	1	3R	NEMA
	NN	NNECT I	T AT EX	MECHAN	NON-F 208	NON-F 208	NON-F 208	NON-F 208	3R   NON-F   208	FUSE
	EC	NEUTRAL	TERIOR	ICAL EQ		208	208	208	208	VOL I.
	T S	2. PROVIDE POLE TO DISCONNECT NEUTRAL WHERE REQUIRED	FLEX SHALL BE WATERTIGHT AT EXTERIOR OR WET LOCATIONS.	UIPMENT FRO	AH-3-5	CU-3-5	AH-2	AH-1	CU 1-1	U/C #   SIZE   PULES   PHASE   NEMA   FUSE   VULI.   SERVES
NO SOALE	DISCONNECT SCHEDULE	NUIRED.	ATIONS.	NOTES: 1. FINAL CONNECTIONS TO MECHANICAL EQUIPMENT FROM DISCONNECT SHALL BE FLEX.	AH-3-5   MOUNT ON UNIT	MOUNT ON WALL NEAR UNIT	MOUNT ON UNIT	MOUNT ON UNIT	MOUNT ON WALL NEAR UNIT	COMMENIS

E-3	SHEET No. :	CHECKED BY : PJF	DRAWN BY: PJF	DATE : 03-04-10	JOB NO. : 09-2199

S E A L	DATE:	BY PHILIP J. FEIKEMA P.E. 65083	MIH ALL AFFLICABLE BOILDING CODES.

MANATEE COUNTY
HISTORIC COURTHOUSE
CHILLED WATER PIPING
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