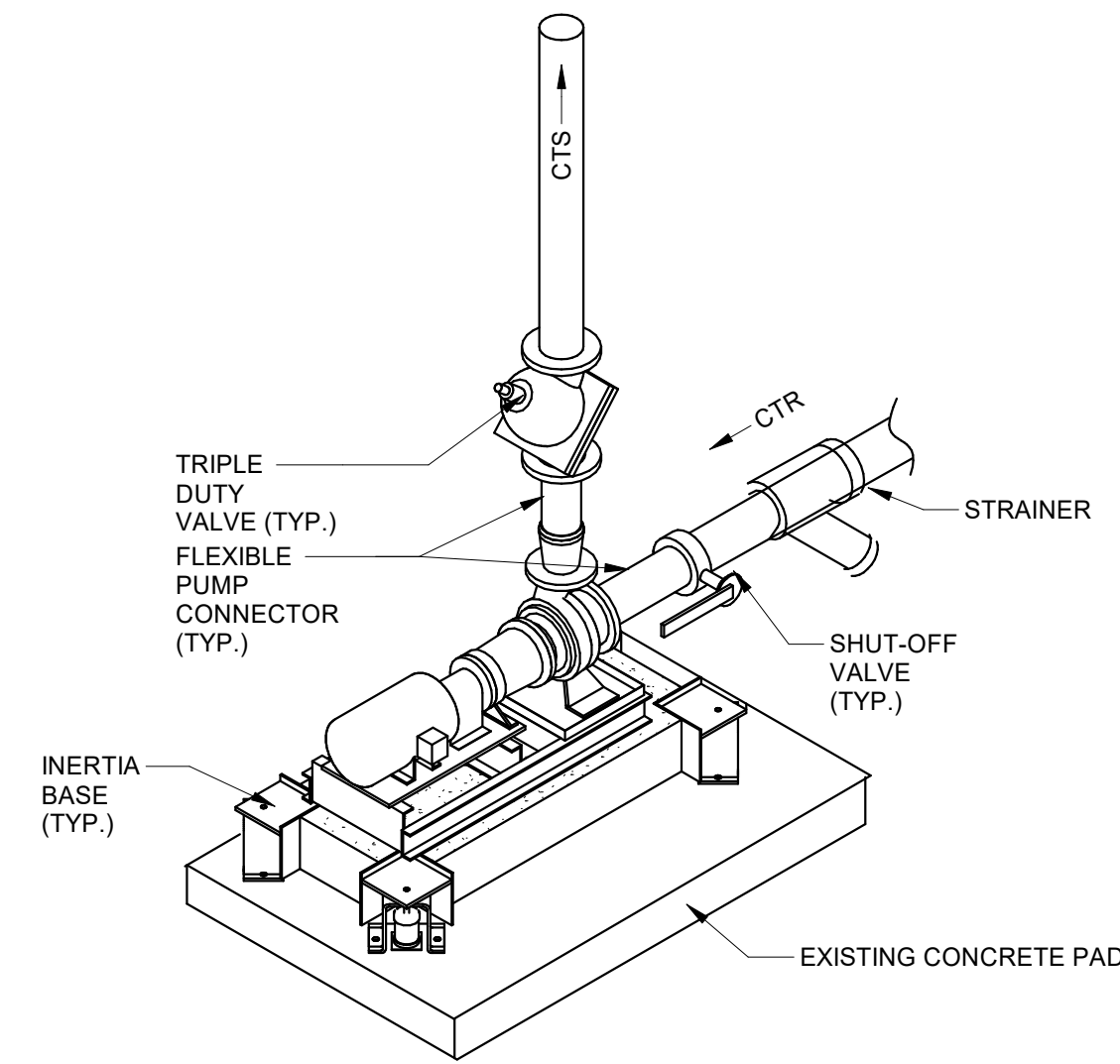


PUMP SCHEDULE							
ITEM	SERVICE	GPM	HEAD FT.	MAX MOTOR	MIN. EFF.	TYPE	REMARKS
CWP-1	COOLING TOWER	870	65	20	84	CENTRIFUGAL, END SUCTION	TACO F15011D
CWP-2	COOLING TOWER	870	65	20	84	CENTRIFUGAL, END SUCTION	TACO F15011D
CWP-3	COOLING TOWER	922	65	20	84	CENTRIFUGAL, END SUCTION	TACO F15011D

1. REFER TO ELECTRICAL PLANS FOR POWER CONNECTIONS. REFER TO SPEC SECTION 231310 FOR FURTHER INFORMATION.



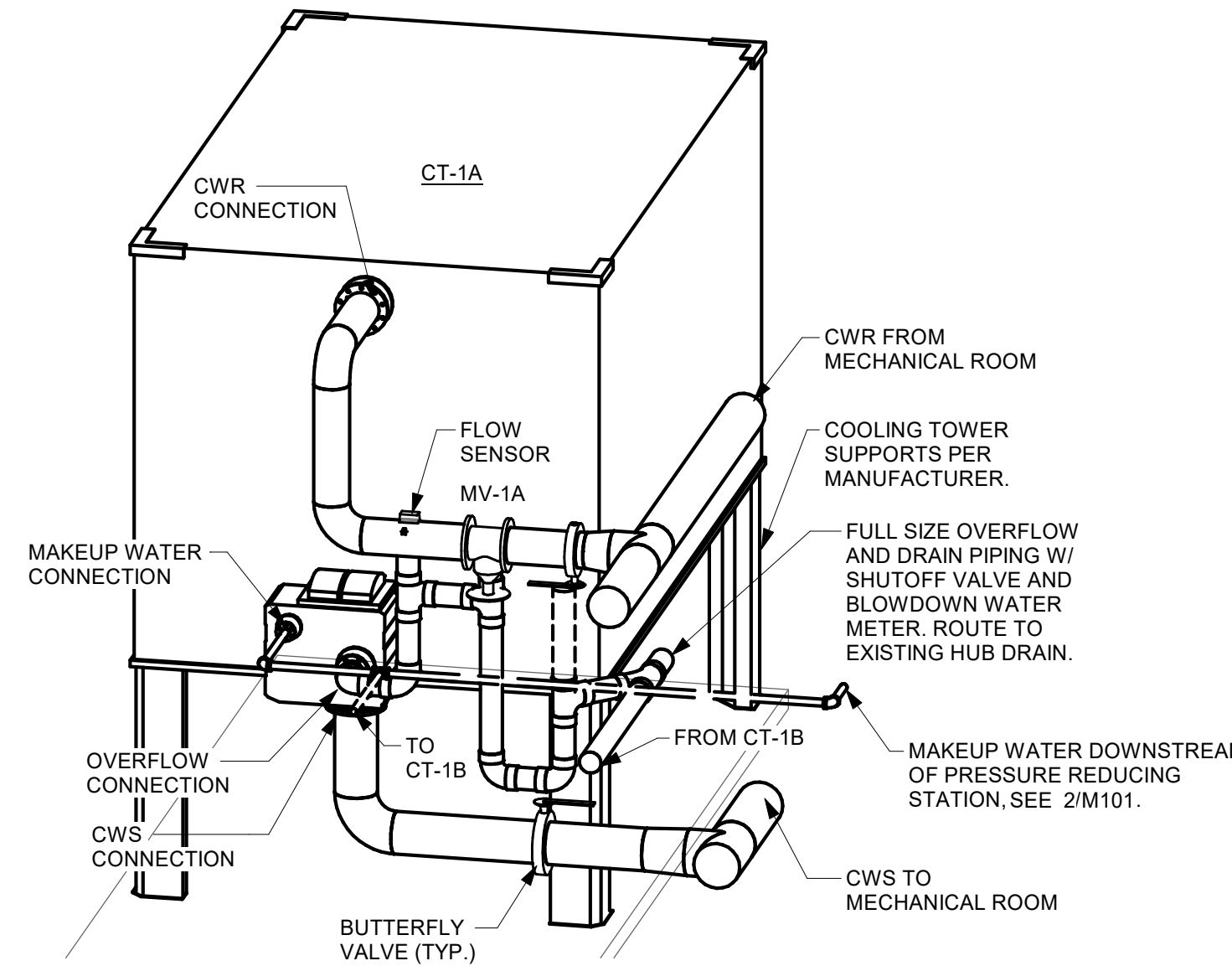
- NOTES:
1. INSTALL PRESSURE GAUGES ON SUCTION DIFFUSER INLET, SUCTION DIFFUSER OUTLET AND PUMP DISCHARGE.
 2. INLET VIBRATION ISOLATION PUMP DROP SHALL CONSIST OF FLOW CONTROL, VIBRATION-CONTROLLING FLEXIBLE COUPLINGS, ACCESS PORTS FOR GAUGES AND THERMOWELLS, STRAINER AND AN INTEGRAL FLANGED PUMP CONNECTION.
 3. OUTLET VIBRATION ISOLATION PUMP DROP SHALL CONSIST OF FLOW CONTROL, VIBRATION-CONTROLLING FLEXIBLE COUPLINGS, ACCESS PORTS FOR GAUGES AND THERMOWELLS, CHECK VALVE AND AN INTEGRAL FLANGED PUMP CONNECTION.
 4. ALL PUMPS AND MOTORS SHALL BE LASER-ALIGNED AFTER COMPLETE PUMP ASSEMBLY HAS BEEN LEVELED.

3 BASE MOUNTED PUMP DETAIL
SCALE: NOT TO SCALE

ADD ALTERNATE #1

COOLING TOWER SCHEDULE							
ITEM	SERVICE	CONDENSER WATER		DESIGN WET BULB °F	MAX MOTOR HP	BASIN HEATER KW	REMARKS
		GPM	IN °F / OUT °F				
CT-1A	CONDENSER WATER	1,331	96.5 / 85	79	6 FANS @ 5HP EACH	(2) 6 NOTE 2	TOWER TECH TTXR FORCED DRAFT
CT-1B	CONDENSER WATER	1,331	96.5 / 85	79	6 FANS @ 5HP EACH	(2) 6 NOTE 2	TOWER TECH TTXR FORCED DRAFT

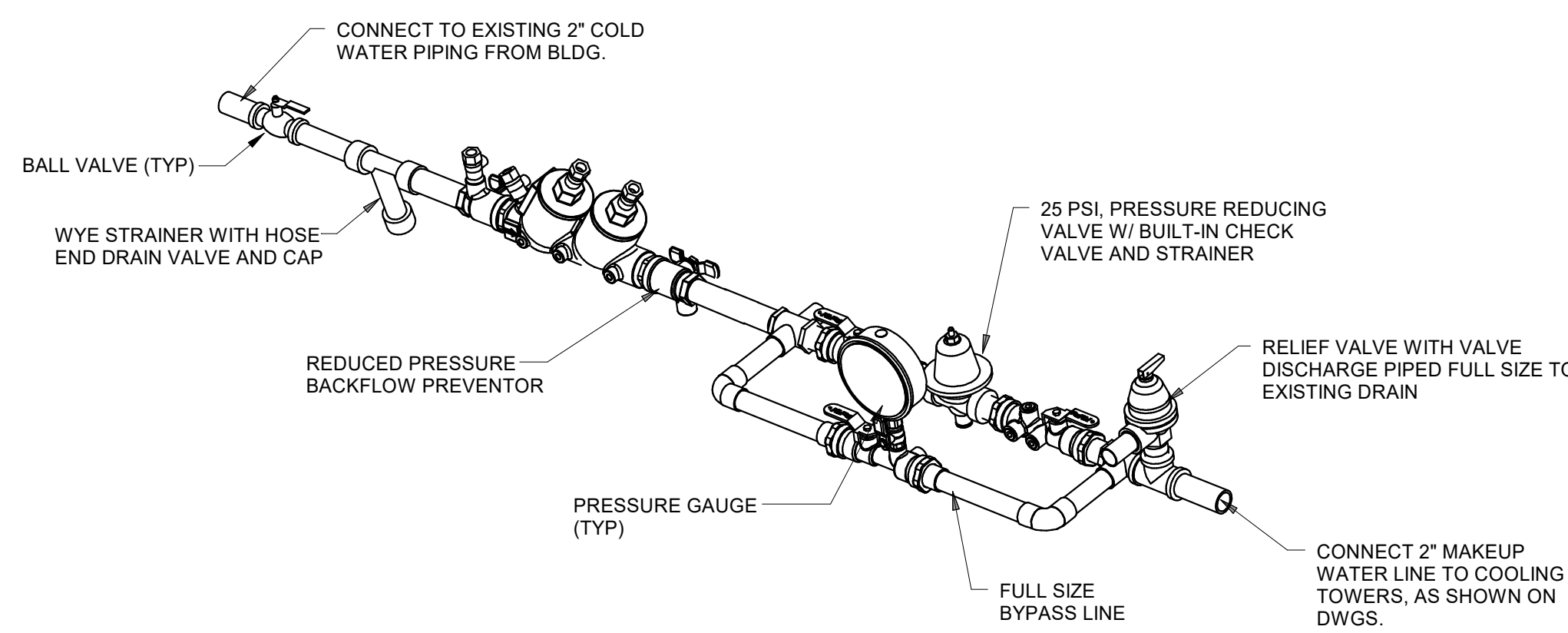
NOTES:
1. REFER TO ELECTRICAL PLANS FOR POWER CONNECTIONS. REFER TO SPEC SECTION 234210 FOR FURTHER INFORMATION.
2. (2) BASIN HEATING ELEMENTS PER MODULE AT 480/3.



SEE PLANS FOR PIPE SIZING AND ROUTING

- NOTES:
1. CWS AND CWR PIPES ABOVE GROUND SHALL BE WRAPPED WITH HEAT TAPE, INSULATION AND METAL JACKETS.
 2. ROUTE DRAIN PIPING TO HUB DRAIN BELOW TOWER. PROVIDE 2" AIR GAP BETWEEN DRAIN PIPING AND HUB DRAIN.
 3. PROVIDE SHUTOFF VALVE ON CWS PIPING.
 4. INSTALL 24V ELECTRONIC 5-PROBE WATER FILL AND ASSOCIATED CONTROL WIRING.
 5. MINIMUM HEIGHT OF THE BOTTOM OF COOLING TOWER SHALL BE 6'-0" ABOVE CONCRETE HOUSEKEEPING PAD.
 6. CONCRETE PAD THICKNESS AND DESIGN SHALL BE DETERMINED BY A STRUCTURAL ENGINEER AS PART OF CONTRACTOR RESPONSIBILITY AND COST.

1 COOLING TOWER DETAIL
SCALE: NOT TO SCALE



2 PRESSURE REDUCING STATION DETAIL
SCALE: NOT TO SCALE

MECHANICAL CONTROLS:

1. COOLING TOWER CONTROL PANEL SHALL MODULATE TOWER FANS AS NEEDED TO MAINTAIN BASIN WATER TEMPERATURE.
2. BASIN HEATERS SHALL BE ENERGIZED AS NEEDED TO PREVENT ICE IN TOWER COLD WATER BASIN.
3. EXISTING BUILDING MANAGEMENT SYSTEM SHALL MONITOR COOLING TOWER PANEL AND SET REQUIRED COLD WATER BASIN TEMPERATURE.
4. THE BUILDING MANAGEMENT SYSTEM SHALL MODULATE MOTORIZED VALVES MV-1A AND MV-1B AS NEEDED TO ALLOW EQUAL FLOW TO EACH COOLING TOWER.
5. FLOW SENSOR SHALL BE SELECTED IN COMPLIANCE WITH SPEC SECTION 231110. COORDINATE EXACT LOCATION IN PIPE WITH MANUFACTURER'S RECOMMENDATIONS. OUTPUT SHALL TIE INTO EXISTING BUILDING MANAGEMENT SYSTEM BY SIEMENS FOR CONTROL OF MV-1A AND MV-1B BY THE BUILDING MANAGEMENT SYSTEM.

SCOPE OF WORK:

1. REMOVE CT-1 AND CT-2.
2. INSTALL NEW CT-1A AND CT-1B.
3. REMOVE CT-3 AFTER CT-1A IS OPERATIONAL.
4. REMOVE OLD PULSE PURE SYSTEMS.
5. REMOVE WATER METERS.
6. EXTEND CONDENSER PIPING FROM CH-3 TO MAIN PIPE.
7. ONE CHILLER HAS TO BE OPERATIONAL AT ALL TIMES.
8. ADD ALTERNATE #1 IS TO REPLACE (3) CONDENSER WATER PUMPS (CWPs).
9. NO PIPING CHANGES INSIDE EXCEPT FOR PUMP CHANGE OUT.
10. ALL PIPING TO BE OUTSIDE.

MECHANICAL LEGEND		
ABBREVIATION	SYMBOL	DESCRIPTION
C	—C—	COLD WATER PIPING
W	—W—	WASTE PIPING
NG	—NG—	NATURAL GAS PIPING
CHWS	—CHWS—	CHILLED WATER SUPPLY PIPING
CHWR	—CHWR—	CHILLED WATER RETURN PIPING
CWS	—CWS—	CONDENSER WATER SUPPLY PIPING
CWR	—CWR—	CONDENSER WATER RETURN PIPING
HWS	—HWS—	HOT WATER SUPPLY PIPING
HWR	—HWR—	HOT WATER RETURN PIPING
GV	⌵	GATE VALVE (SHUT-OFF VALVE)
BFV	⌵	BUTTERFLY VALVE
MV	⊕	MOTORIZED VALVE
	⊕	CONNECT TO EXISTING
∅	∅	DIAMETER
AD		ACCESS DOOR
W/		WITH
AFF		ABOVE FINISH FLOOR
AFG		ABOVE FINISH GRADE
A/C		ABOVE CEILING
B/F		BELOW FLOOR
GPM		GALLONS PER MINUTE
PSI		POUNDS PER SQUARE INCH
U/G		UNDERGROUND
TYP.		TYPICAL
CH		CHILLER
CT		COOLING TOWER
B		BOILER
CWP		CONDENSOR WATER PUMP
HWP		HOT WATER PUMP
AS		AIR SEPARATOR
ET		EXPANSION TANK
NG		NATURAL GAS
PRV		PRESSURE RELIEF VALVE
CO		CLEANOUT
GPH		GALLONS PER HOUR
CONN.		CONNECTION
ARCH.		ARCHITECTURAL
PRESS.		PRESSURE
W.C.		WATER COLUMN
DWGS.		DRAWINGS
CFH		CUBIC FEET PER HOUR

GENERAL NOTES

1. THE DRAWINGS SHOW THE GENERAL ARRANGEMENT AND LOCATIONS OF THE MECHANICAL AND PLUMBING WORK. THE CONTRACTOR SHALL COORDINATE THE MECHANICAL AND PLUMBING INSTALLATION WITH THE STRUCTURE AND ALL OTHER TRADES. PERFORM ALL WORK IN ACCORDANCE WITH 2018 INTERNATIONAL MECHANICAL CODE (IMC) AND 2018 INTERNATIONAL PLUMBING CODE (IPC).
2. PIPING SHOWN ON THE PLANS IS SIZED AND ROUTED BASED ON INFORMATION AVAILABLE DURING DESIGN PHASE FOR ROUTING HEIGHTS, STRUCTURAL MEMBERS, ETC. ALL PIPE SIZES AND ROUTINGS MUST BE CONFIRMED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION. WHERE CONFLICTS ARISE, REFER TO THE ENGINEER.
3. ALL SITE UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. VERIFY EXACT LOCATION AND INVERT ELEVATION IN FIELD BEFORE BEGINNING WORK.
4. ALL SUSPENDED PIPING SHALL BE SUPPORTED FROM FLOOR AND/OR ROOF STRUCTURAL MEMBERS. IN NO CASE SHALL PIPING BE SUSPENDED FROM FLOOR OR ROOF DECK LESS THAN 4" THICK CONCRETE.
5. FIRE STOP ALL PENETRATIONS OF FIRE RATED ASSEMBLIES.
6. PROVIDE INLINE TRAP SEAL DEVICES ON ALL FLOOR DRAINS NOT PROVIDED WITH TRAP PRIMERS.
7. PROVIDE DRAIN VALVES AT ALL LOW POINTS IN ALL WATER PIPING SYSTEMS.
8. ALL WATER, VENT, AND OVERFLOW PIPING SHALL BE INSTALLED ABOVE GROUND UNLESS NOTED OTHERWISE.
9. AUTOMATIC AIR VENTS ON TOP OF AIR SEPARATORS SHALL BE PIPED FULL SIZE TO NEAREST FLOOR DRAIN.

DEMOLITION NOTES

1. THE DRAWINGS SHOW THE GENERAL ARRANGEMENT AND LOCATIONS OF EXISTING MECHANICAL AND PLUMBING WORK. THE CONTRACTOR SHALL FIELD-VERIFY LOCATIONS PRIOR TO PERFORMING DEMOLITION WORK AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS OR DISCREPANCIES. EXISTING PIPING, CONTROL LINES, AND EQUIPMENT SHOWN WERE ESTIMATED FROM DRAWINGS RECEIVED DURING DESIGN. THIS INFORMATION WAS SUPPLEMENTED BY LIMITED FIELD OBSERVATION.
2. HATCHING INDICATES ITEMS TO BE DEMOLISHED. UNLESS NOTED OTHERWISE, DEMOLISHED ITEMS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR. DEMOLITION OF AN ITEM SHALL INCLUDE HANGERS, SUPPORTS, BRACKETS, PIPING, CONDUIT, WIRING, CONTROLS, ETC. UNLESS NOTED OTHERWISE, IN EXPOSED AREAS, BUILDING SURFACES AFFECTED BY DEMOLITION SHALL BE REPAIRED AND REFINISHED TO MATCH EXISTING.
3. AT LOCATIONS WHERE MECHANICAL AND PLUMBING DEMOLITION RESULTS IN WALL OPENINGS, ALL SUCH OPENINGS SHALL BE CLOSED OFF WITH WALL MATERIALS AND FINISHED TO MATCH SURROUNDING WALL. IF ANY SUCH WALLS ARE FIRE-RATED, THE FIRE RATING MUST BE MAINTAINED. ENSURE THAT EXISTING WALL OPENINGS WILL NOT BE REUSED IN THE NEW WORK PLANS BEFORE SEALING WALL PENETRATIONS.
4. COORDINATE THE DEMOLITION OF EQUIPMENT AND ALL ASSOCIATED ITEMS WITH PHASING AS DIRECTED BY THE OWNER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT DEMOLITION OF AN ITEM DOES NOT AFFECT THE HVAC OPERATION IN A DIFFERENT PHASE.
5. THE WORK SHALL BE PHASED SO THAT AT LEAST ONE COOLING TOWER IS ALWAYS OPERATIONAL.
6. ALL WORK SHALL BE COORDINATED THROUGH THE SHERIFF'S FACILITY DEPARTMENT STAFF.

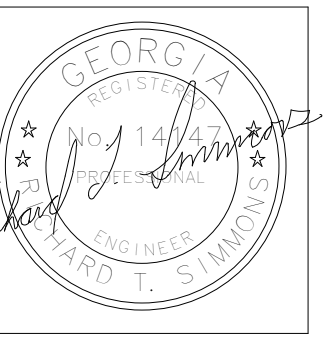
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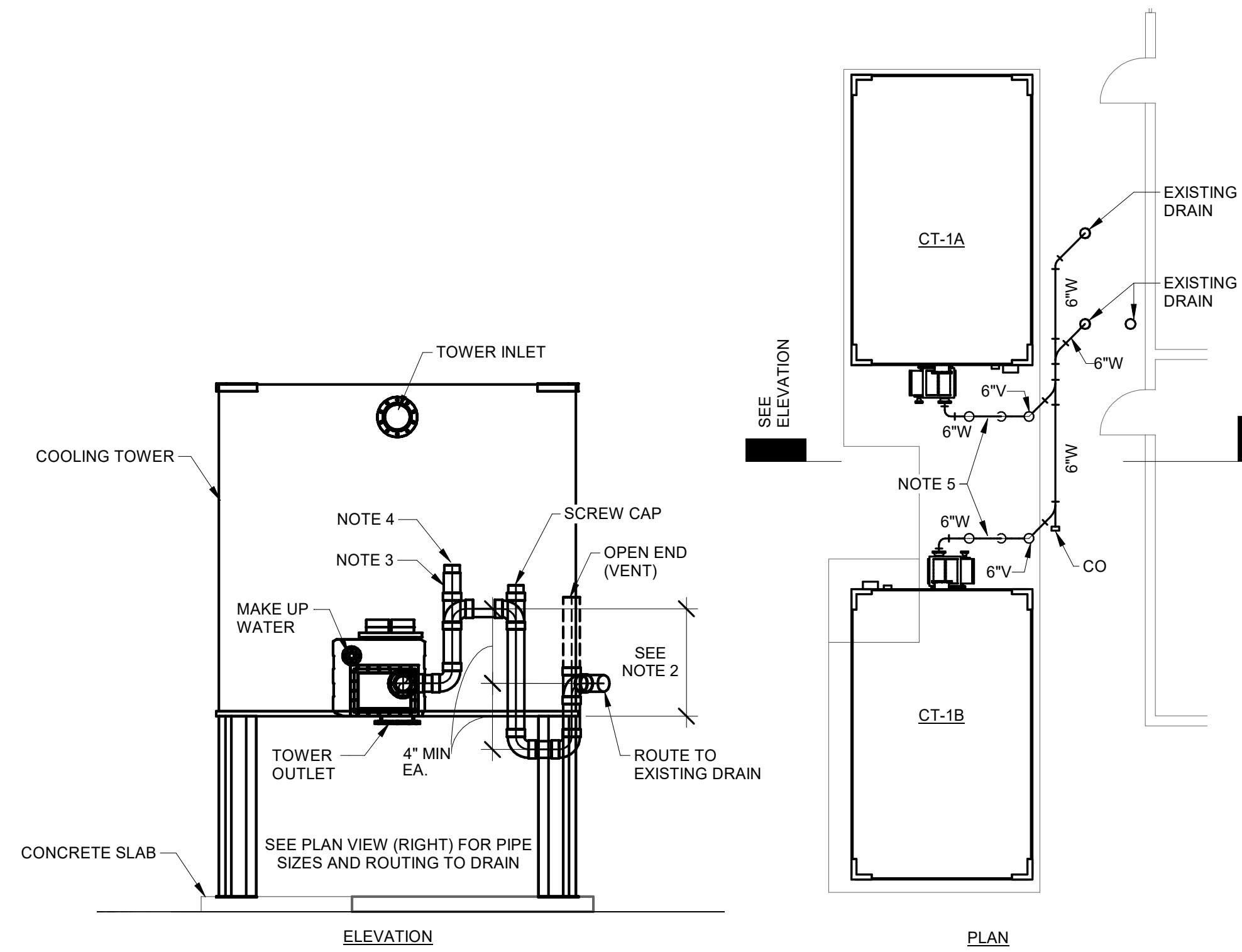
JOB NO. 20190095
DATE 06.24.2020
DESIGN RMM
REVIEW RTS

SHEET NUMBER: M101

CHATHAM COUNTY SHERIFF COOLING TOWER REPLACEMENT
1050 CARL GRIFFIN DRIVE
SAVANNAH, GA 31405
MECHANICAL LEGEND & SCHEDULES

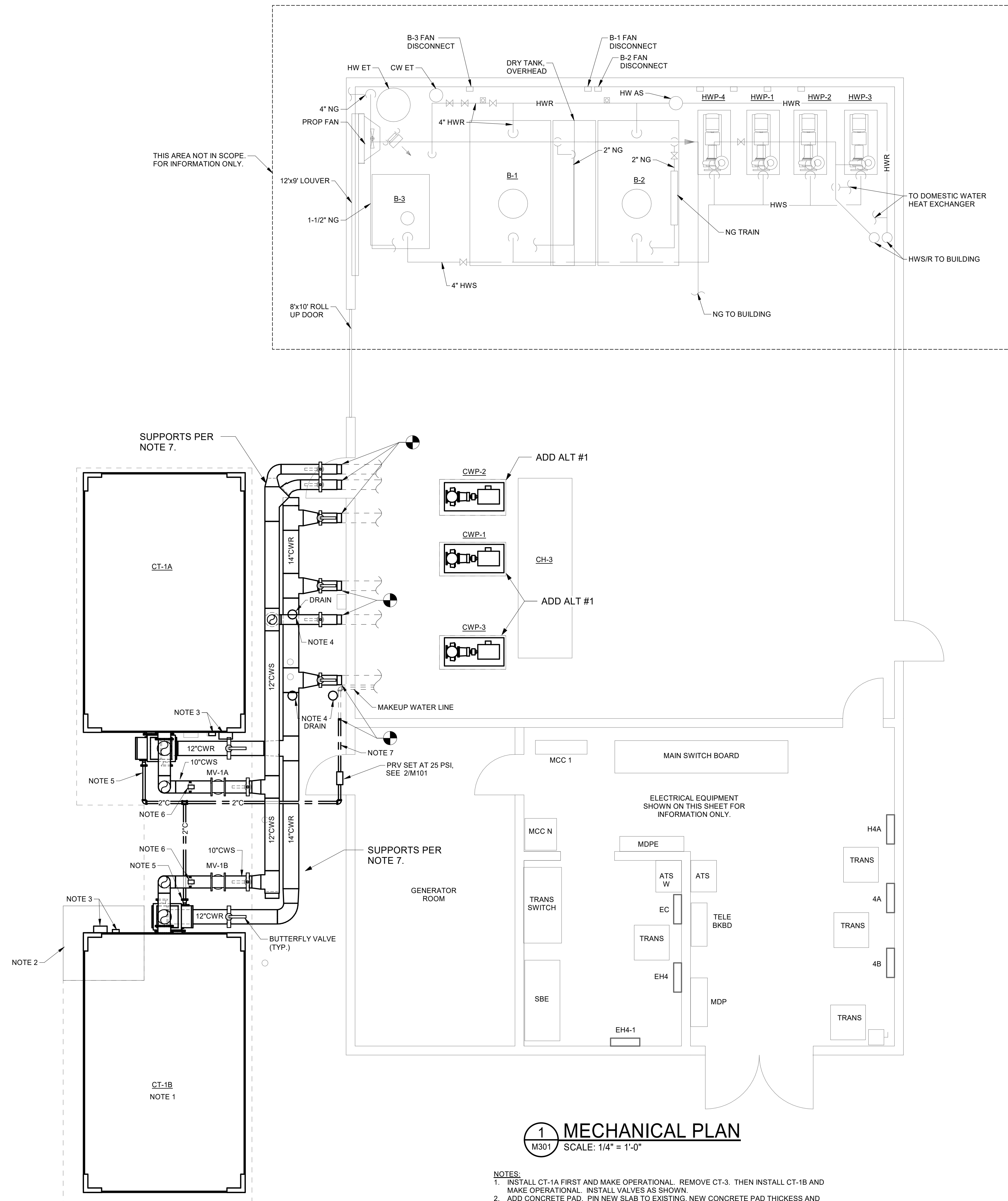
DULOHERY ENGINEERS
7402 HODGSON MEMORIAL DRIVE - SUITE 100
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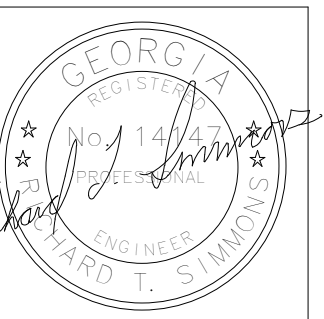
- NOTES:**
- OVERFLOW PIPING LAYOUT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE AND INSTALL COMPONENTS NECESSARY TO MAINTAIN WATER LEVEL IN TOWER AND OVERFLOW AND DRAIN WHEN NEEDED.
 - SET TOWER WATER LEVEL PER MANUFACTURER'S REQUIREMENTS.
 - STANDPIPE W/ FLANGE TO RECEIVE LEVEL SENSOR ASSEMBLY.
 - LEVEL SENSOR ASSEMBLY.
 - REFER TO THE ELEVATION VIEW (LEFT) FOR FURTHER DETAIL ON THE OVERFLOW PIPING DESIGN.

2 COOLING TOWER OVERFLOW PIPING
M301 NOT TO SCALE



1 MECHANICAL PLAN
M301 SCALE: 1/4" = 1'-0"

- NOTES:**
- INSTALL CT-1A FIRST AND MAKE OPERATIONAL. REMOVE CT-3. THEN INSTALL CT-1B AND MAKE OPERATIONAL. INSTALL VALVES AS SHOWN.
 - ADD CONCRETE PAD. PIN NEW SLAB TO EXISTING. NEW CONCRETE PAD THICKNESS AND DESIGN SHALL BE DETERMINED BY STRUCTURAL ENGINEER AS PART OF CONTRACTOR RESPONSIBILITY AND COST.
 - COOLING TOWER CONTROL PANEL AND BASIN HEATERS.
 - CONTRACTOR TO VERIFY DRAINS ARE CLEAR AND FUNCTIONING. IF DRAINS ARE NOT CLEAR, THEN CONTRACTOR SHALL CLEAR DRAINS.
 - MAKEUP WATER. FOR OVERFLOW ROUTING AND DETAILS, SEE 2/M301.
 - FLOW SENSOR. SEE SPEC SECTION 23110.
 - PROVIDE PIPING SUPPORTS WITH CONCRETE BASES AT SPACING PER SPECIFICATIONS FOR EXTERIOR PIPING. (TYPICAL)



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CHATHAM COUNTY SHERIFF COOLING TOWER REPLACEMENT
1050 CARL GRIFFIN DRIVE
SAVANNAH, GA 31405
MECHANICAL NEW WORK PLAN

REVISION	DATE

JOB NO. 20190095
DATE 06.24.2020
DESIGN RMM
REVIEW RTS

SHEET NUMBER:
M301

LEGEND:

ELECTRICAL EQUIPMENT:

VERIFY LOAD AND LOCATION WITH EQUIPMENT CUT-SHEETS AND INSTALLER.

- DRY-TYPE TRANSFORMER
- PANELBOARD: SURFACE MOUNTED
- EQUIPMENT AS NOTED, SEE ABBREVIATIONS, THIS SHEET
- BRANCH CIRCUIT

ABBREVIATIONS:

- | | | | |
|----------------------------------|-----------------------------------|--------------------------------------|-----------------------------|
| A AMPERES | B.E. BOTTOM EDGE | MB MAIN BREAKER | SPD SURGE PROTECTION DEVICE |
| AFF ABOVE FINISHED FLOOR | C. CONDUIT | MCA MINIMUM CIRCUIT AMPS | SWBD SWITCHBOARD |
| AFG ABOVE FINISHED GRADE | DIA. DIAMETER | MIN MINIMUM | TYP TYPICAL |
| AH AIR HANDLER | ECB ENCLOSED CIRCUIT BREAKER | MOCPP MAXIMUM OVERCURRENT PROTECTION | UNO UNLESS NOTED OTHERWISE |
| AIC AMPERE INTERRUPTING CAPACITY | FAAP FIRE ALARM ANNUNCIATOR PANEL | MTD MOUNTED | V VOLTAGE |
| ATU AIR TERMINAL UNIT | FACP FIRE ALARM CONTROL PANEL | No. NUMBER | W WATTAGE |
| AV AUDIO/VISUAL | G GROUND | NEC NATIONAL ELECTRIC CODE | W/ WITH |
| AWG AMERICAN WIRE GAUGE | GFI GROUND-FAULT INTERRUPTING | NTS NOT TO SCALE | WP WEATHER PROOF |
| BFG BELOW FINISHED GRADE | HP HORSE POWER | PIV POST INDICATOR VALVE | XFMR TRANSFORMER |
| | KCMIL KILO CIRCULAR MIL | RGS RIGID GALVANIZED STEEL | GRS GALVANIZED RIGID STEEL |

GENERAL PROJECT NOTE:

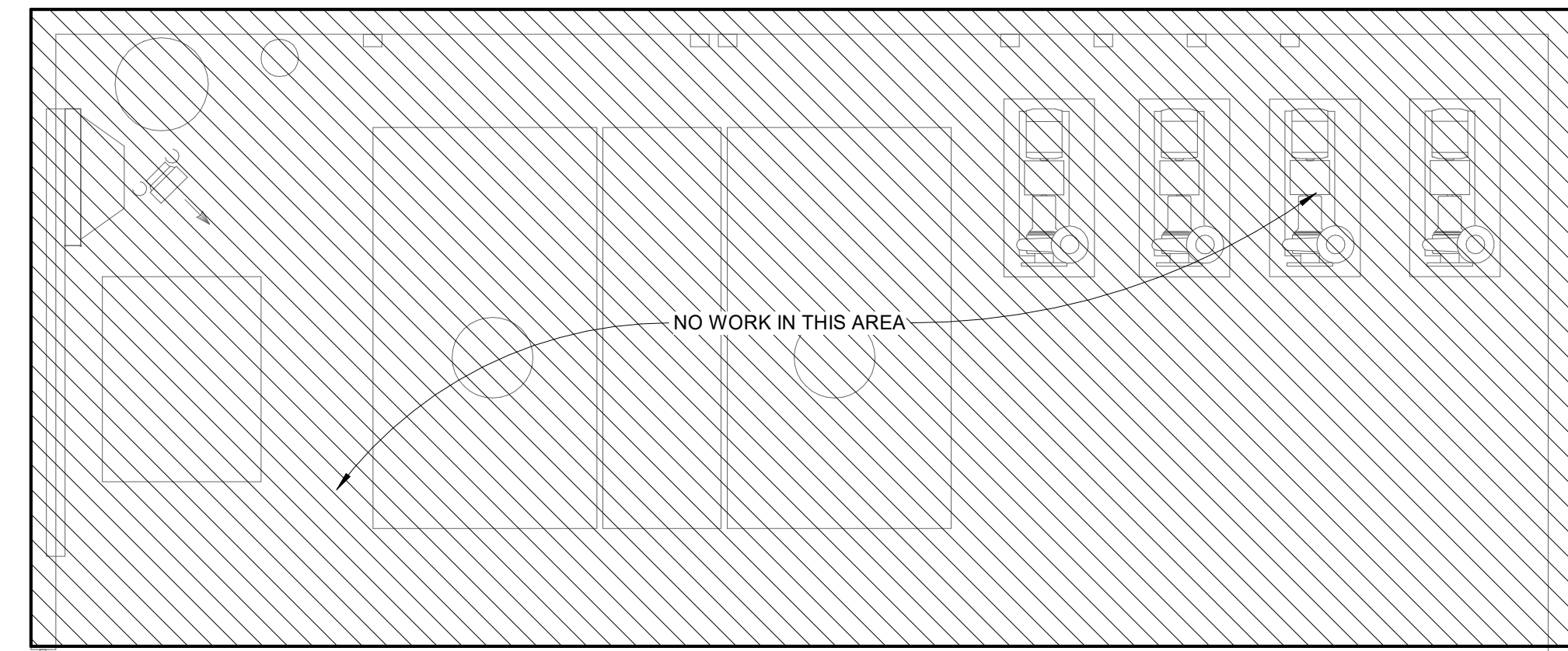
CONTRACTOR SHALL VISIT THE SITE AND CAREFULLY EXAMINE THOSE PORTIONS OF THE SITE AFFECTED BY THIS WORK BEFORE SUBMITTING PROPOSALS, SO AS TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT EXECUTION OF WORK. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED SHALL NOT BE RECOGNIZED.

MCC-N

BLANK
BLANK
EXISTING CT-3 FAN MOTOR
EXISTING CHILLER #3

MCC-1

(NOTE 16) EXISTING CT-1 HEATER	(NOTE 13) EXISTING CT-2 FAN MOTOR	(NOTE 9) EXISTING CT-3 HEATER
EXISTING CHILLER #2	(NOTE 14) EXISTING CT-1 FAN MOTOR	(NOTE 10) EXISTING CWP-3 PUMP MOTOR
	(NOTE 14) EXISTING CT-1 FAN MOTOR	(NOTE 11) EXISTING CWP-2 PUMP MOTOR
	(NOTE 15) EXISTING CT-2 HEATER	(NOTE 12) EXISTING CWP-1 PUMP MOTOR
EXISTING CHILLER #1	EXISTING EF-2	BLANK



EXISTING MOTOR CONTROL CENTERS - DEMOLITION WORK

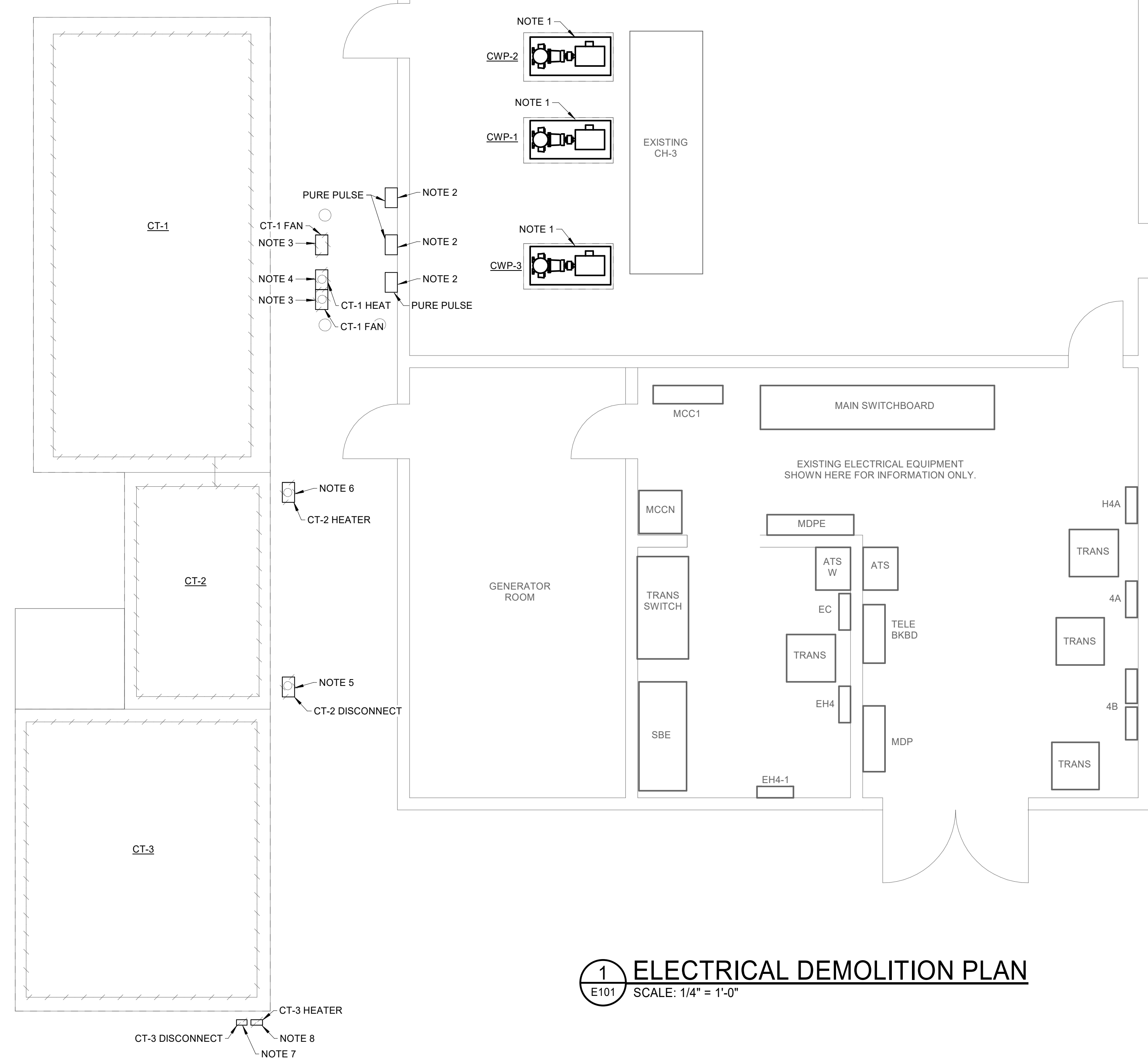
2 E101 SCALE: NOT TO SCALE

DEMOLITION GENERAL NOTES:

- A. THIS PLAN HAS BEEN PROVIDED AS A GENERAL SCOPE OF DEMOLITION REQUIRED. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AND REMOVE ITEMS INDICATED IN THESE DEMOLITION NOTES ON THIS SHEET WHETHER THE SPECIFIC ITEM IS SHOWN ON THE DEMOLITION PLAN OR NOT.
- B. THERE IS NO ELECTRICAL DEMOLITION EXCEPT AS SPECIFICALLY NOTED OR SHOWN.
- C. REMOVE ELECTRICAL CONNECTIONS/FEEDERS TO MECHANICAL EQUIPMENT BEING REMOVED ONLY, UNLESS NOTED OTHERWISE. COORDINATE WITH MECHANICAL PLANS.
- D. ALL EXISTING EQUIPMENT REMOVED FROM SERVICE AND NOT INTENDED FOR REUSE SHALL REMAIN THE PROPERTY OF OWNER AND SHALL BE DISPOSED OF OR STORED AS DIRECTED BY THE OWNER, OR AS INDICATED ON PLANS.
- E. MAINTAIN SERVICE TO ALL EXISTING CIRCUITS THAT ARE NOT SCHEDULED FOR REMOVAL, WHERE ONLY A PORTION OF A CIRCUIT'S LOAD IS SCHEDULED TO BE REMOVED. REMOVE ONLY THAT PORTION ASSOCIATED WITH THE DEMOLISHED DEVICE TO A POINT WHERE THE REMAINING LOAD IS ACTIVE AND MAINTAIN IN A GOOD OPERATING CONDITION.
- F. EXISTING EQUIPMENT NOT SCHEDULED FOR DEMOLITION ON MECHANICAL OR ELECTRICAL DRAWINGS SHALL HAVE SERVICE MAINTAINED OR RECONNECTED TO EXISTING OR NEW PANELBOARD AS NECESSARY.
- G. COORDINATE ELECTRICAL DEMOLITION WITH MECHANICAL DRAWINGS. PROVIDE FITTINGS, JUNCTION BOXES AND ACCESSORIES TO MEET CONDITIONS. COORDINATE ROUTING OF ALL NEW FEEDERS WITH EXISTING SITE ELEMENTS. ALL FEEDERS SHALL BE CONCEALED WHERE POSSIBLE.
- H. FIELD VERIFY EXACT LOCATIONS OF ALL EXISTING DEVICES AND EQUIPMENT NOTED OR SHOWN.
- I. EXISTING INFORMATION INDICATED ON THE DRAWING IS NOT TO BE CONSIDERED FULLY COMPLETE AND ACCURATE WITH REGARD TO EXACT QUANTITY AND LOCATIONS OF ALL SYSTEM COMPONENTS. INFORMATION CONTAINED WITHIN HAS BEEN OBTAINED FROM ORIGINAL DESIGN DOCUMENTS AND LIMITED SITE VISITS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXACT LOCATIONS AND QUANTITY OF ALL EXISTING COMPONENTS PRIOR TO BEGINNING DEMOLITION WORK.
- J. THROUGHOUT RENOVATED AREAS, ABANDONED CABLE SHALL BE REMOVED IN ACCORDANCE WITH NEC ARTICLE 800.25.
- K. CONTRACTOR SHALL REMOVE ANY UNUSED RACEWAY WHERE EXPOSED.
- L. CONTRACTOR SHALL VISIT THE SITE AND INSPECT EXISTING CONDITIONS, EQUIPMENT, CIRCUIT BREAKERS, CONDUIT, AND CONDUCTORS PRIOR TO PLACING BID. CONTRACTOR SHALL INCLUDE IN BID PRICE ANY ADJUSTMENTS REQUIRED THAT ARE NOT SHOWN ON DRAWINGS IN ORDER TO ACCOMMODATE COMPLETE SCOPE OF WORK. COORDINATE WITH THE COMPLETE SET OF MECHANICAL DRAWINGS AND SPECIFICATIONS.
- M. REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR PROJECT PHASING OF DEMOLITION AND CONSTRUCTION OPERATIONS.

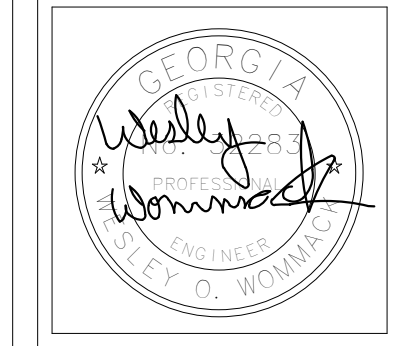
NOTES:

1. EXISTING CWP-1, CWP-2, AND CWP-3 ARE TO BE REPLACED, IF POSSIBLE, REUSE EXISTING CONDUIT AND CONDUCTORS. OTHERWISE, PROVIDE (FOR EACH UNIT): (3)R8 AND #10G IN EXISTING CONDUIT.
2. PURE PULSE UNIT TO BE DEMOLISHED. REMOVE CONDUIT AND CONDUCTORS BACK TO PANELBOARD. REFER TO SHEET E201 FOR REUSE OF EXISTING CIRCUIT FOR FLOW SENSOR AND CONTROLS.
3. EXISTING CT-1 MOTOR DISCONNECT TO BE REMOVED. REMOVE ASSOCIATED CONDUCTORS BACK TO PANELBOARD.
4. EXISTING CT-1 HEATER DISCONNECT SWITCH TO BE REMOVED. REMOVE ASSOCIATED CONDUCTORS BACK TO PANELBOARD.
5. EXISTING CT-2 MOTOR DISCONNECT SWITCH TO BE REMOVED. REMOVE ASSOCIATED CONDUCTORS BACK TO PANELBOARD.
6. EXISTING CT-2 HEATER DISCONNECT SWITCH TO BE REMOVED. REMOVE ASSOCIATED CONDUCTORS AND CONDUIT BACK TO PANELBOARD.
7. EXISTING CT-3 MOTOR DISCONNECT SWITCH TO BE REMOVED. REMOVE ASSOCIATED CONDUCTORS BACK TO PANELBOARD. IF POSSIBLE, REUSE EXISTING ASSOCIATED CONDUIT.
8. CT-3 HEATER DISCONNECT SWITCH TO BE REMOVED. REMOVE ASSOCIATED CONDUCTORS BACK TO PANELBOARD. IF POSSIBLE, REUSE EXISTING ASSOCIATED CONDUIT.
9. REMOVE EXISTING CT-3 HEATER MOTOR CONTROL ASSEMBLY. REMOVE ASSOCIATED CONDUCTORS BACK TO PANELBOARD. IF POSSIBLE, REUSE EXISTING ASSOCIATED CONDUIT.
10. EXISTING CWP-3 TOWER PUMP MCC BUCKET AND INTERNAL COMPONENTS TO REMAIN AS IS.
11. EXISTING CWP-2 TOWER PUMP MCC BUCKET AND INTERNAL COMPONENTS TO REMAIN AS IS.
12. EXISTING CWP-1 TOWER PUMP MCC BUCKET AND INTERNAL COMPONENTS TO REMAIN AS IS.
13. EXISTING CT-2 FAN MCC ASSEMBLY SHALL BE REMOVED. REMOVE ASSOCIATED CONDUCTORS BACK TO PANELBOARD. IF POSSIBLE, REUSE EXISTING ASSOCIATED CONDUIT.
14. EXISTING CT-1 FAN MCC ASSEMBLY SHALL BE REMOVED. REMOVE ASSOCIATED CONDUCTORS BACK TO PANELBOARD. IF POSSIBLE, REUSE EXISTING ASSOCIATED CONDUIT.
15. EXISTING CT-1 HEATER MCC ASSEMBLY SHALL BE REMOVED. REMOVE ASSOCIATED CONDUCTORS BACK TO PANELBOARD. IF POSSIBLE, REUSE EXISTING ASSOCIATED CONDUIT.
16. EXISTING CT-2 HEATER MCC ASSEMBLY SHALL BE REMOVED. REMOVE ASSOCIATED CONDUCTORS BACK TO PANELBOARD. IF POSSIBLE, REUSE EXISTING ASSOCIATED CONDUIT.



1 ELECTRICAL DEMOLITION PLAN

E101 SCALE: 1/4" = 1'-0"



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CHATHAM COUNTY SHERIFF COOLING TOWER REPLACEMENT
 1050 CARL GRIFFIN DRIVE
 SAVANNAH, GA 31405
ELECTRICAL DEMOLITION PLAN

REVISION	DATE

JOB NO. 20190095
 DATE 06.24.2020
 DESIGN MRC
 REVIEW WOW

SHEET NUMBER:
E101

