

WEST ENERGY FACILITY - PURCHASE

and INSTALL WATER SOFTENERS

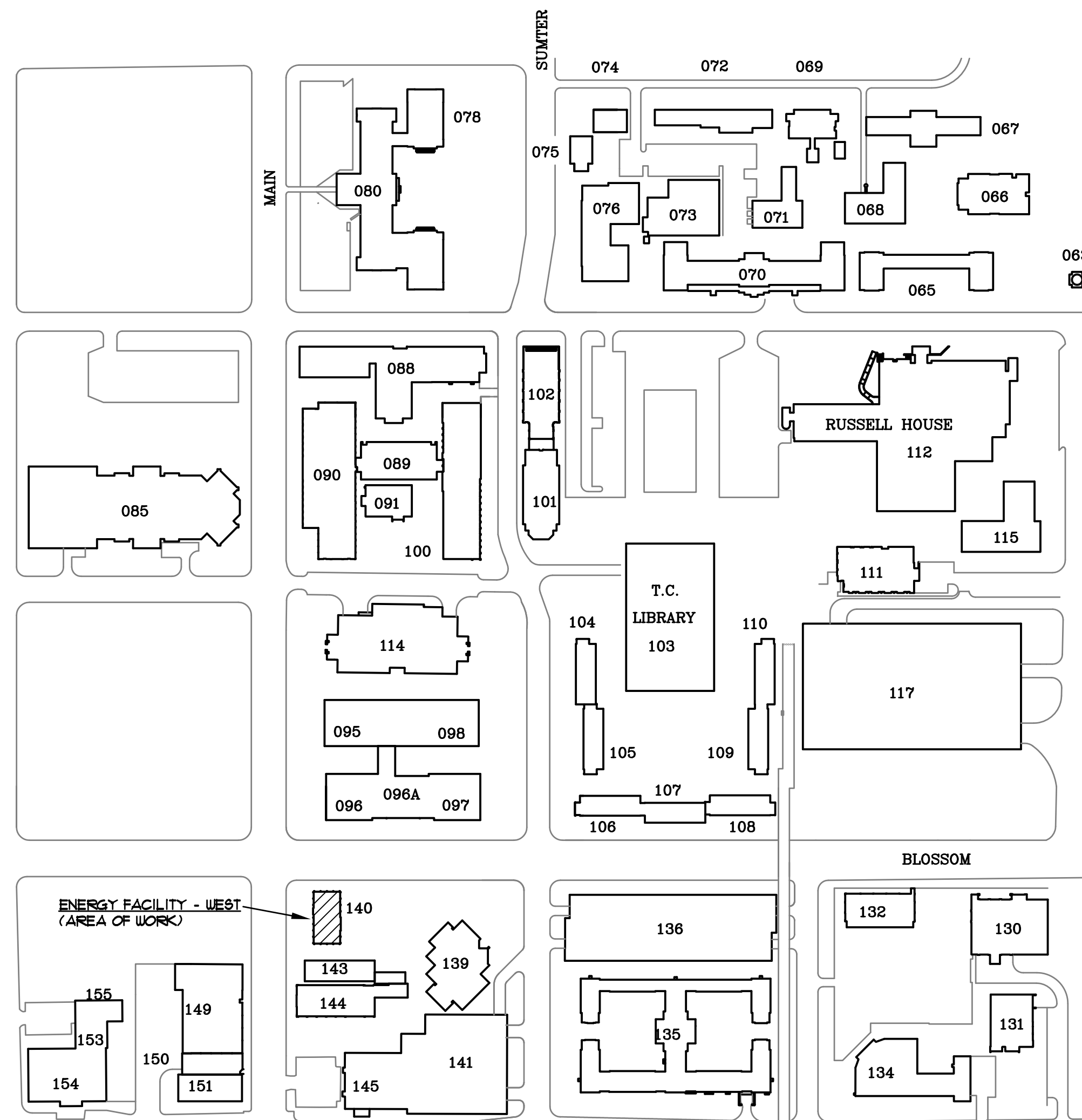
THE UNIVERSITY OF SOUTH CAROLINA
COLUMBIA, SOUTH CAROLINA

FACILITIES PLANNING AND CONSTRUCTION

INDEX OF DRAWINGS	
T1	TITLE SHEET
M1	LOWER LEVEL PARTIAL MECHANICAL PLAN
M2	LOWER LEVEL PARTIAL MECHANICAL PLAN
M3	UPPER LEVEL PARTIAL MECHANICAL PLAN

SYMBOLS	
	EXISTING PIPE
	NEW PIPE
	PIPE TURNING DOWN
	PIPE TURNING UP
	2" DOMESTIC COLD WATER PIPE
	2" MAKEUP WATER PIPE
	MAKE-UP WATER FROM WATER SOFTENER
	GATE VALVE
	CHECK VALVE
	CIRCUIT SETTER
	METER
	BACKFLOW PREVENTOR
N.O.	OPEN DURING NORMAL OPERATION
N.C.	CLOSED DURING NORMAL OPERATION
	CONNECT NEW TO EXISTING

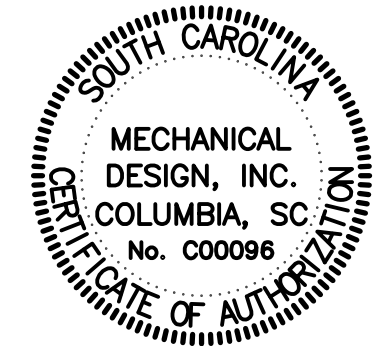
NOTES	
1.	DO NOT SCALE DRAWINGS. VERIFY ALL REQUIRED INFORMATION IN FIELD BY VISITING SITE PRIOR TO SUBMITTING BID.
2.	DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
3.	WHENEVER THE WORD "PROVIDE" IS USED IT SHALL MEAN FURNISH AND INSTALL COMPLETE AND READY FOR USE.
4.	ALL OPENINGS THRU EXISTING STRUCTURES SHALL BE CORE DRILLED.
5.	ALL MATERIALS CALLED FOR TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER. ANY ITEM THE OWNER DOES NOT WISH TO KEEP SHALL BE REMOVED FROM THE SITE OF WORK.
6.	PROVIDE ALL ITEMS OF MISCELLANEOUS STEEL AS REQUIRED FOR INSTALLATION OF ALL MECHANICAL ITEMS.
7.	PIPING SYSTEMS SHALL BE DRAINED AS REQUIRED FOR INSTALLATION OF WORK.
8.	PIPING SHALL BE KEPT CLEAN OF DEBRIS DURING INSTALLATION.
9.	ALL EXISTING PIPE SIZES NOTED ON THE HVAC FLOOR PLANS SHALL BE VERIFIED AT THE PRE-BID/SITE VISIT.



MECHANICAL ENGINEER
MECHANICAL DESIGN, INC.
 4403 BROAD RIVER ROAD
 COLUMBIA, S.C. 29210
 (803) 731-9834

CODE REVIEW INFORMATION
PROJECT DESIGNED IN ACCORDANCE WITH:
1. International Building Code - 2012 Edition.
2. International Plumbing Code - 2012 Edition.
3. International Mechanical Code - 2012 Edition.
4. National Electric Code - 2011 Edition.
5. Seismic Design Category C

SPECIAL NOTE:
 CONTRACTOR IS REQUIRED TO VISIT PROJECT SITE PRIOR TO SUBMITTING BID AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS RELATING TO THIS PROJECT. SUBMISSION OF A BID WILL BE CONSIDERED AS EVIDENCE THAT THE CONTRACTOR HAS VISITED THE SITE OF WORK.



MECHANICAL DESIGN INC.
 4403 Broad River Road
 Columbia, S.C. 29210
 (803) 731-9834
 CONTACT: D. WILDS
 DATE: 10/10/14 COMM. NO. 143142

UNIVERSITY OF SOUTH CAROLINA
 SCALE: 1" = 200'-0"

OFFICE OF FACILITIES MANAGEMENT
 COLUMBIA, SC 29208

ENGINEER
 No. 11155
 10/10/14
 DANNY

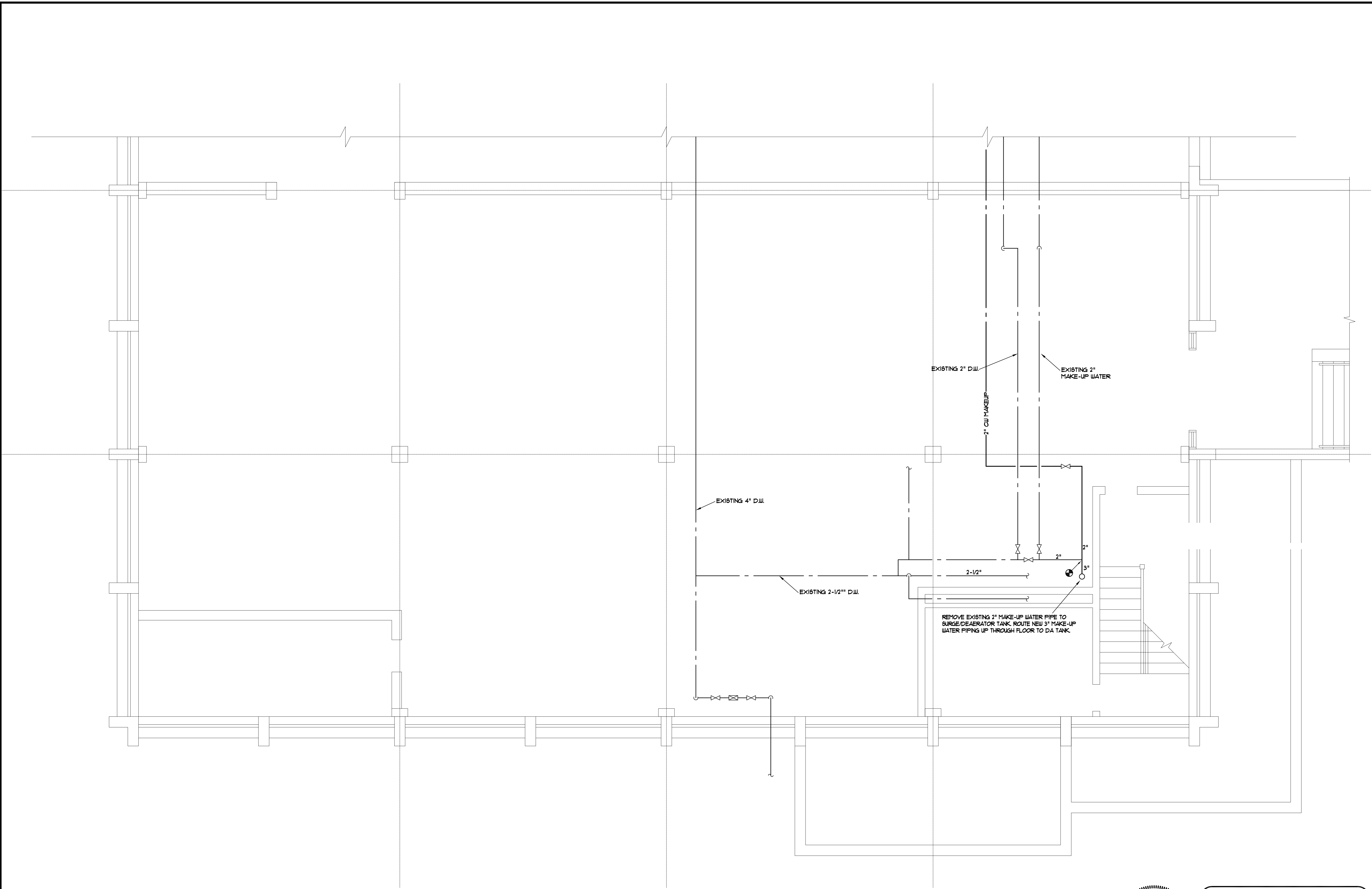
BUILDING:	DRAWING:	DATE:	DESCRIPTION:
140	T1	10/10/14	

PROJECT TITLE: WEST ENERGY FACILITY - PURCHASE and INSTALL WATER SOFTENERS

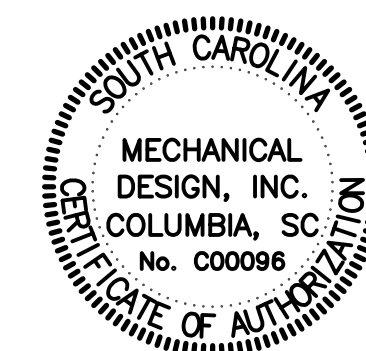
SHEET: T1 OF 1

SHEET IN SET: OF

University of South Carolina

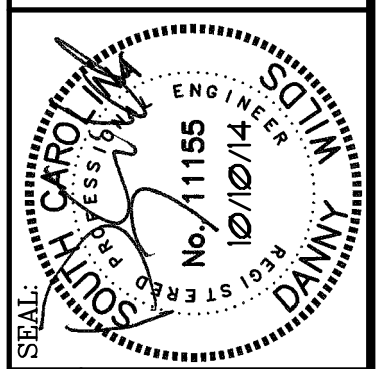



WEST ENERGY FACILITY
LOWER LEVEL PARTIAL MECHANICAL PLAN
 SCALE: 1/4" = 1'-0"



MECHANICAL DESIGN INC.
 4403 Broad River Road
 Columbia, S.C. 29210
 (803) 731-9534
 (803) 731-9837 FAX
 CONTACT: Danny Wilds
 DATE: 10/10/14 COMM. NO. 143142

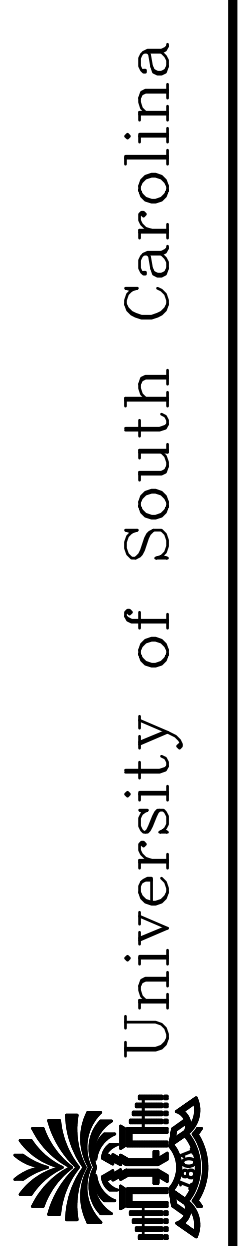
OFFICE OF
 FACILITIES MANAGEMENT
 COLUMBIA, SC 29208

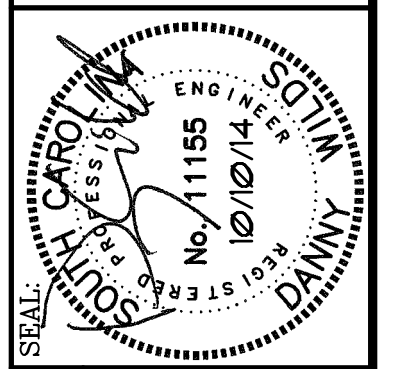


REV.	DESCRIPTION	DATE	DRAWN BY:	CHECKED BY:
		10/10/14	CDW	CDW

PROJECT TITLE: **WEST ENERGY FACILITY – PURCHASE and INSTALL WATER SOFTENERS**
 DRAWING: **M2**
 BUILDING: **140**
 DATE: **10/10/14**
 CHECKED BY: **CDW**
 DRAWN BY: **CDW**
 ORIG. BY: **CDW**
 DATE: **10/10/14**

SHEET: **M2**
 OF **3**
 SHEET IN SET: **OF**



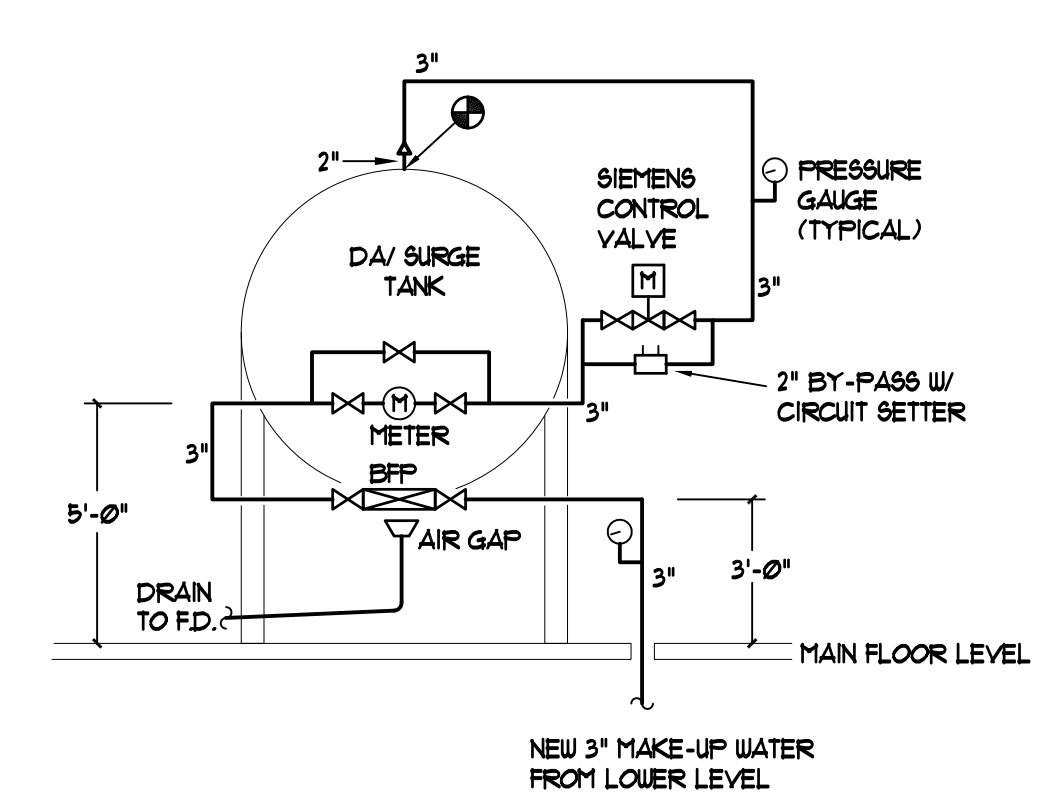
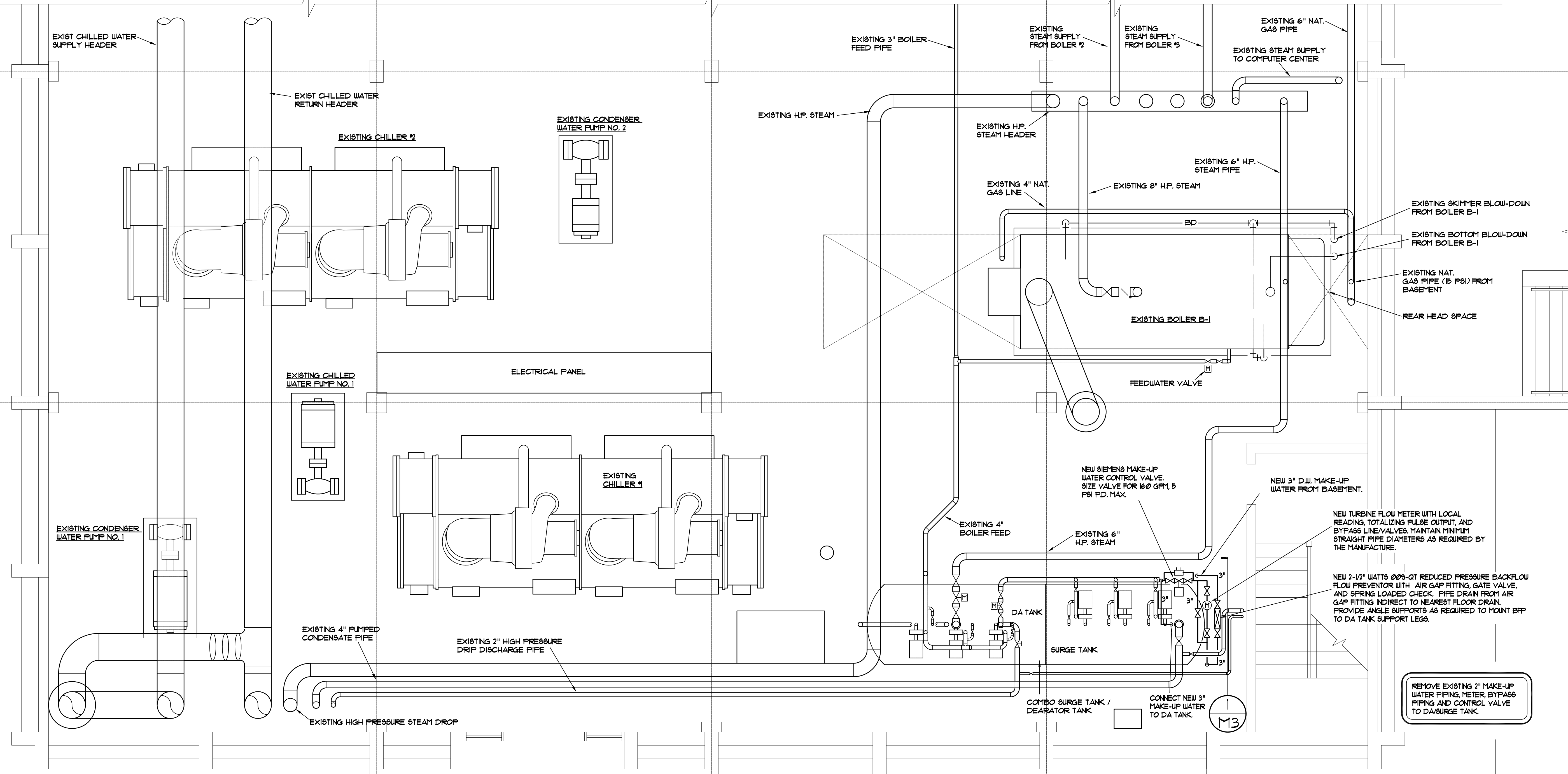


SEAL: CDW	CHECKED BY: CDW
DATE: 10/10/14	ORIG. BY: DANNY WILDS
DRAWN BY: M3	DATE: 10/10/14
BUILDING: 140	DESCRIPTION: WEST ENERGY FACILITY - PURCHASE AND INSTALL WATER SOFTENERS
REV.	

PROJECT TITLE: WEST ENERGY FACILITY - PURCHASE AND INSTALL WATER SOFTENERS

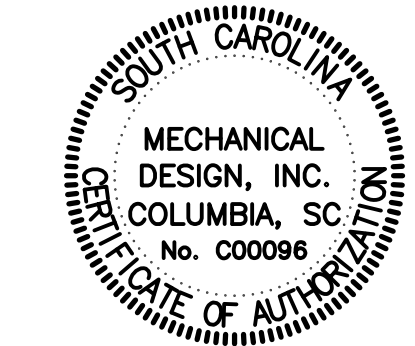
UNIVERSITY OF SOUTH CAROLINA

SHEET: M3 OF 3
SHEET IN SET: OF



WEST ENERGY FACILITY
MAIN LEVEL PARTIAL MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

1
M3
ELEVATION
NT6



MECHANICAL DESIGN, INC.
4403 Broad River Road
Columbia, S.C. 29210
(803) 731-9834
(803) 731-9837 FAX
CONTACT: Danny Wilds
DATE: 10/10/14
COMM. NO. 143142