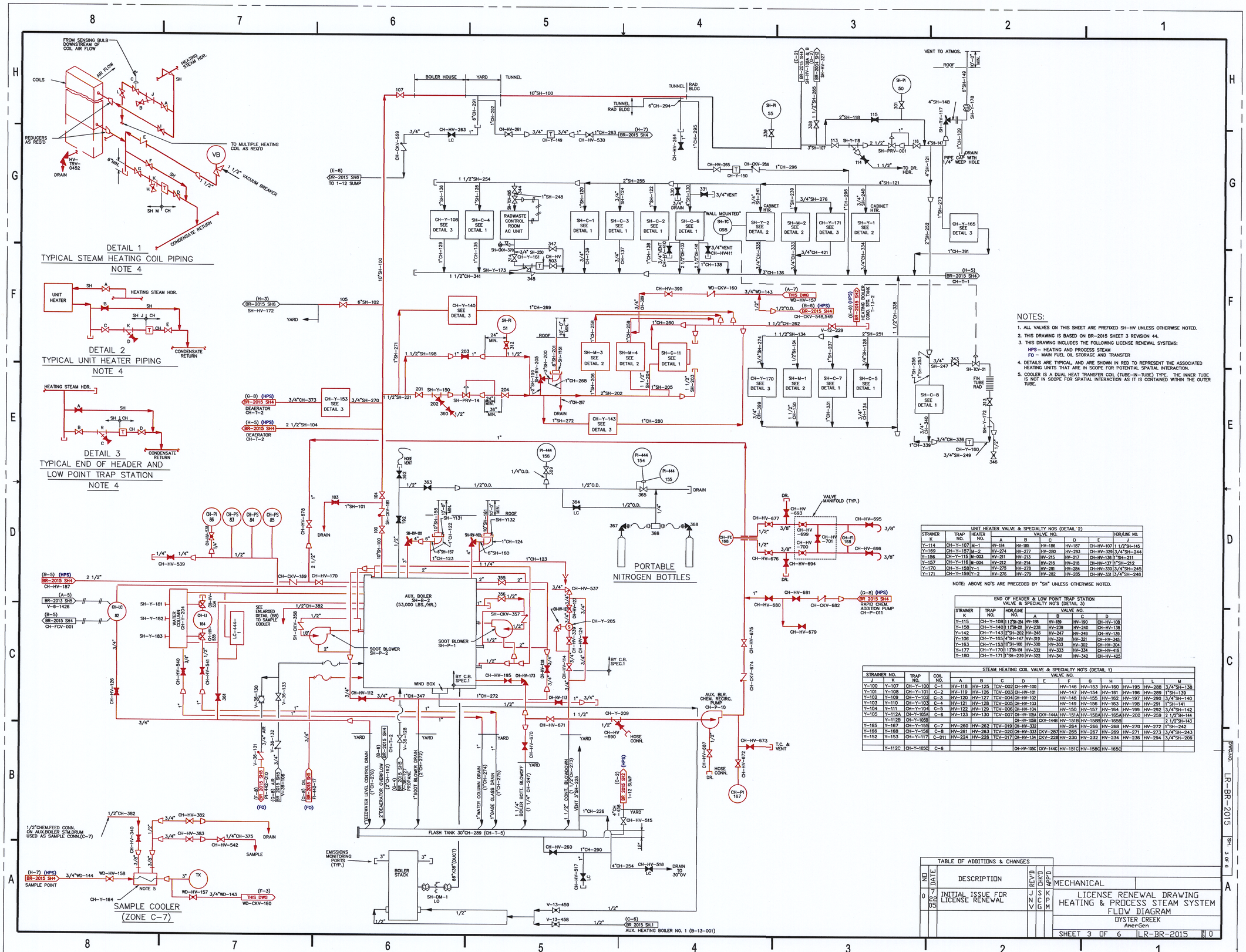

NOTES:

1. ALL VALVES ON THIS SHEET ARE PREFIXED SH-HV UNLESS OTHERWISE NOTED.
2. THIS DRAWING IS BASED ON BR-2015 SHEET 3 REVISION 44.
3. THIS DRAWING INCLUDES THE FOLLOWING LICENSE RENEWAL SYSTEMS:
   HPS – HEATING AND PROCESS STEAM
   FO – MAIN FUEL OIL STORAGE AND TRANSFER
4. DETAILS ARE TYPICAL, AND ARE SHOWN IN RED TO REPRESENT THE ASSOCIATED HEATING UNITS THAT ARE IN SCOPE FOR POTENTIAL SPATIAL INTERACTION.
5. COOLER IS A DUAL HEAT TRANSFER COIL (TUBE-IN-TUBE) TYPE. THE INNER TUBE IS NOT IN SCOPE FOR SPATIAL INTERACTION AS IT IS CONTAINED WITHIN THE OUTER TUBE.

UNIT HEATER VALVE & SPECIALTY NOS (DETAIL 2)

STRAINER K	TRAP NO.	HEATER NO.	VALVE NO. A	B	C	D	E	HDR/LINE NO. J
Y-114	CH-Y-107	M-1	HV-184	HV-185	HV-186	HV-187	CH-HV-107	1 1/2"SH-145
Y-169	CH-Y-157	M-2	HV-274	HV-277	HV-280	HV-283	CH-HV-329	3/4"SH-244
Y-156	CH-Y-115	M-003	HV-211	HV-213	HV-215	HV-217	CH-HV-138	1"SH-211
Y-157	CH-Y-116	M-004	HV-212	HV-214	HV-216	HV-218	CH-HV-137	1"SH-212
Y-170	CH-Y-158	Y-1	HV-275	HV-278	HV-281	HV-284	CH-HV-330	3/4"SH-245
Y-171	CH-Y-159	Y-2	HV-276	HV-279	HV-282	HV-285	CH-HV-331	3/4"SH-246

NOTE: ABOVE NO'S ARE PRECEDED BY "SH" UNLESS OTHERWISE NOTED.

END OF HEADER & LOW POINT TRAP STATION VALVE & SPECIALTY NO'S (DETAIL 3)

STRAINER K	TRAP NO.	HDR/LINE NO.	VALVE NO. A	B	C	D
Y-115	CH-Y-108	1 1/2"SH-254	HV-188	HV-189	HV-190	CH-HV-108
Y-158	CH-Y-140	1"SH-211	HV-236	HV-239	HV-240	CH-HV-138
Y-142	CH-Y-143	2"SH-202	HV-246	HV-247	HV-249	CH-HV-139
Y-106	CH-Y-165	4"SH-147	HV-319	HV-320	HV-321	CH-HV-345
Y-163	CH-Y-153	10"SH-100	HV-300	HV-303	HV-302	CH-HV-304
Y-177	CH-Y-170	1 1/2"SH-134	HV-332	HV-333	HV-334	CH-HV-415
Y-180	CH-Y-171	1"SH-239	HV-322	HV-341	HV-342	CH-HV-425

STEAM HEATING COIL VALVE & SPECIALTY NO'S (DETAIL 1)

STRAINER NO. J	K	TRAP NO.	COIL NO.	VALVE NO. A	B	C	D	E	F	G	H	I	L	M
Y-100	Y-107	CH-Y-100	C-1	HV-118	HV-125	TCV-002	CH-HV-100		HV-146	HV-153	HV-160	HV-195	HV-288	3/4"SH-138
Y-101	Y-108	CH-Y-101	C-2	HV-119	HV-126	TCV-003	CH-HV-101		HV-147	HV-154	HV-161	HV-196	HV-289	1"SH-139
Y-102	Y-109	CH-Y-102	C-3	HV-120	HV-127	TCV-004	CH-HV-102		HV-148	HV-155	HV-162	HV-197	HV-290	3/4"SH-140
Y-103	Y-110	CH-Y-103	C-4	HV-121	HV-128	TCV-005	CH-HV-103		HV-149	HV-156	HV-163	HV-198	HV-291	1"SH-141
Y-104	Y-111	CH-Y-104	C-5	HV-122	HV-129	TCV-006	CH-HV-104		HV-150	HV-157	HV-164	HV-199	HV-292	3/4"SH-142
Y-105	Y-112A	CH-Y-105A	C-6	HV-123	HV-130	TCV-007	CH-HV-105A	CKV-144A	HV-151A	HV-158A	HV-165A	HV-200	HV-259	2 1/2"SH-144
	Y-112B	CH-Y-105B					CH-HV-105B	CKV-144B	HV-151B	HV-158B	HV-165B			2 1/2"SH-143
Y-165	Y-167	CH-Y-155	C-7	HV-260	HV-262	TCV-019	CH-HV-332		HV-264	HV-266	HV-268	HV-270	HV-272	1"SH-242
Y-166	Y-168	CH-Y-156	C-8	HV-261	HV-263	TCV-020	CH-HV-333	CKV-287	HV-265	HV-267	HV-269	HV-271	HV-273	3/4"SH-243
Y-152	Y-153	CH-Y-117	C-011	HV-224	HV-226	TCV-017	CH-HV-134	CKV-228	HV-230	HV-232	HV-234	HV-236	HV-294	3/4"SH-209
	Y-112C	CH-Y-105C	C-6				CH-HV-105C	CKV-144C	HV-151C	HV-158C	HV-165C			

TABLE OF ADDITIONS & CHANGES

NO	DATE	DESCRIPTION	REV'D	CHK'D	APP'D
0	7 22 05	INITIAL ISSUE FOR LICENSE RENEWAL	J. NVV	SCG	KPM

MECHANICAL

LICENSE RENEWAL DRAWING
HEATING & PROCESS STEAM SYSTEM
FLOW DIAGRAM

DYSTER CREEK
AmerGen

SHEET 3 OF 6 LR-BR-2015 REV. 0

DWG.NO. LR-BR-2015 SH. 3 OF 6

D-39