

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one eighth inch = one foot

SHEET KEYNOTES

- 1

DEMO EXISTING BOILER STEAM LINE AND VALVE THEN CONNECT NEW 6" STEAM LINE AND GATE VALVE TO EXISTING STEAM HEADER AT THIS LOCATION.
- 2

PRIOR TO DEMOLITION INSTALL NEW SHUT-OFF VALVE IN EXISTING PIPE AT THIS LOCATION. SCHEDULE BOILER PLANT SHUTDOWN WITH VAMC.
- 3

FOR INFORMATIONAL PURPOSES ONLY, ADDITIONAL STEEL TO BE PROVIDED BY STRUCTURAL AT THIS LOCATION TO RESIST FORCE OF STEAM PIPE EXPANSION (30,000 POUNDS).
- 4

STEEL SUPPORTS @ 10'-0" O.C. (TYP).
- 5

ANCHOR AT STEEL SUPPORT (5,000 POUND ANCHOR FORCE).
- 6

ANCHOR STEEL SUPPORT (30,000 POUND ANCHOR FORCE).
- 7

DEMOLISH EXISTING 3" HPS AND 3" PC AS HATCHED, AFTER NEW BOILER PLANT COMMISSIONING AND STARTUP.
- 8

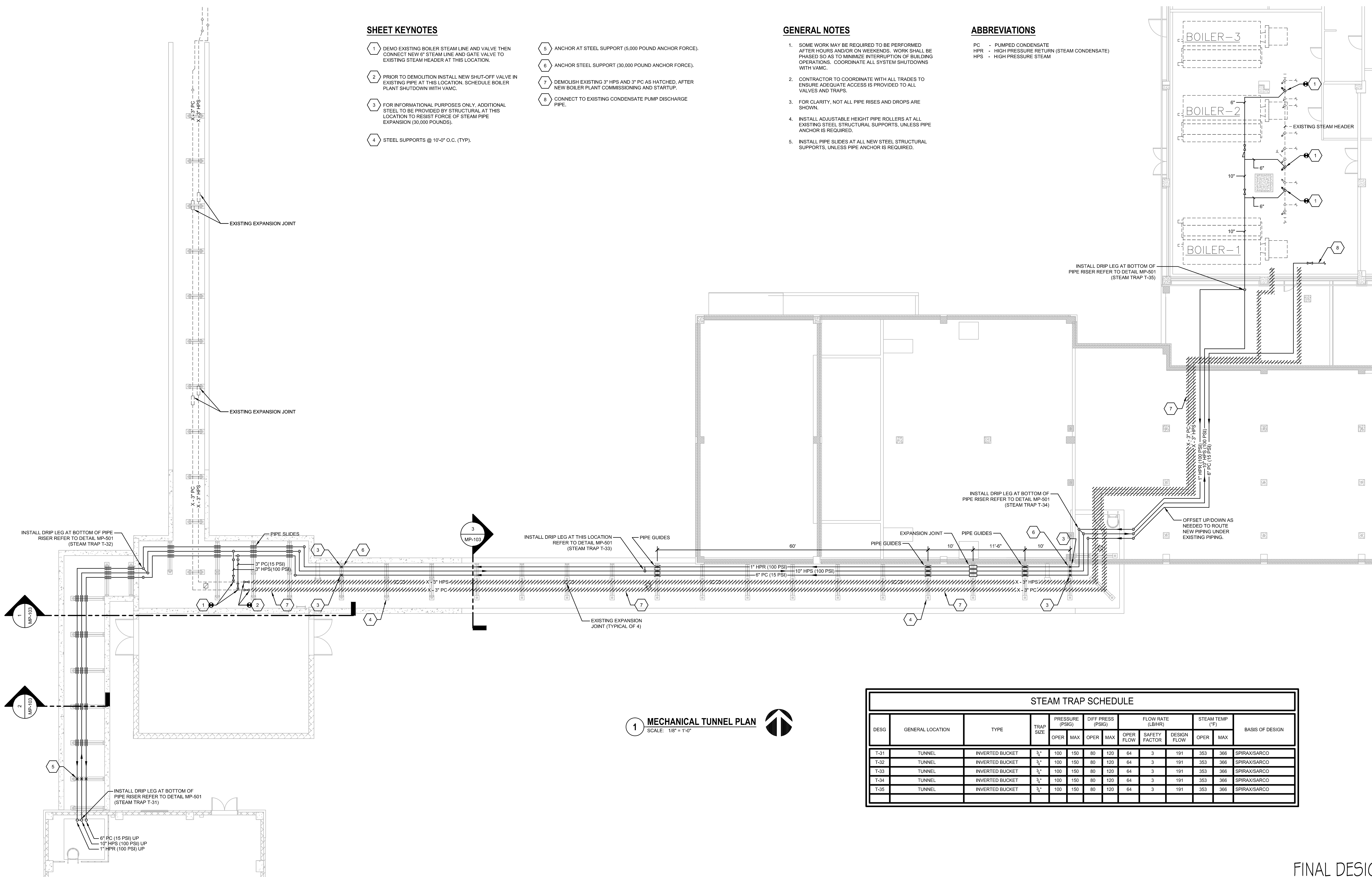
CONNECT TO EXISTING CONDENSATE PUMP DISCHARGE PIPE.

GENERAL NOTES

- SOME WORK MAY BE REQUIRED TO BE PERFORMED AFTER HOURS AND/OR ON WEEKENDS. WORK SHALL BE PHASED SO AS TO MINIMIZE INTERRUPTION OF BUILDING OPERATIONS. COORDINATE ALL SYSTEM SHUTDOWNS WITH VAMC.
- CONTRACTOR TO COORDINATE WITH ALL TRADES TO ENSURE ADEQUATE ACCESS IS PROVIDED TO ALL VALVES AND TRAPS.
- FOR CLARITY, NOT ALL PIPE RISES AND DROPS ARE SHOWN.
- INSTALL ADJUSTABLE HEIGHT PIPE ROLLERS AT ALL EXISTING STEEL STRUCTURAL SUPPORTS, UNLESS PIPE ANCHOR IS REQUIRED.
- INSTALL PIPE SLIDES AT ALL NEW STEEL STRUCTURAL SUPPORTS, UNLESS PIPE ANCHOR IS REQUIRED.

ABBREVIATIONS

- PC - PUMPED CONDENSATE
HPR - HIGH PRESSURE RETURN (STEAM CONDENSATE)
HPS - HIGH PRESSURE STEAM



1 MECHANICAL TUNNEL PLAN
SCALE: 1/8" = 1'-0"

STEAM TRAP SCHEDULE															
DESG	GENERAL LOCATION	TYPE	TRAP SIZE	PRESSURE (PSIG)		DIFF PRESS (PSIG)		FLOW RATE (LB/HR)			STEAM TEMP (°F)		BASIS OF DESIGN		
				OPER	MAX	OPER	MAX	OPER FLOW	SAFETY FACTOR	DESIGN FLOW	OPER	MAX			
T-31	TUNNEL	INVERTED BUCKET	3/4"	100	150	80	120	64	3	191	353	366	SPIRAX/SARCO		
T-32	TUNNEL	INVERTED BUCKET	3/4"	100	150	80	120	64	3	191	353	366	SPIRAX/SARCO		
T-33	TUNNEL	INVERTED BUCKET	3/4"	100	150	80	120	64	3	191	353	366	SPIRAX/SARCO		
T-34	TUNNEL	INVERTED BUCKET	3/4"	100	150	80	120	64	3	191	353	366	SPIRAX/SARCO		
T-35	TUNNEL	INVERTED BUCKET	3/4"	100	150	80	120	64	3	191	353	366	SPIRAX/SARCO		

FINAL DESIGN
APPROVED FOR CONSTRUCTION

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<div>Revisions:</div> <div></div>	<div>Date</div> <div></div>	<div>Approved: Project Director</div>	<div>Location</div> <div>GAINESVILLE, FLORIDA</div>	<div>Drawing Number</div> <div>MP102</div>	<div>Office of Construction and Facilities Management</div>
			<div>Date</div> <div>JULY 8, 2016</div>	<div>Checked</div> <div>JSN</div>	<div>Drawn</div> <div>RWD</div>