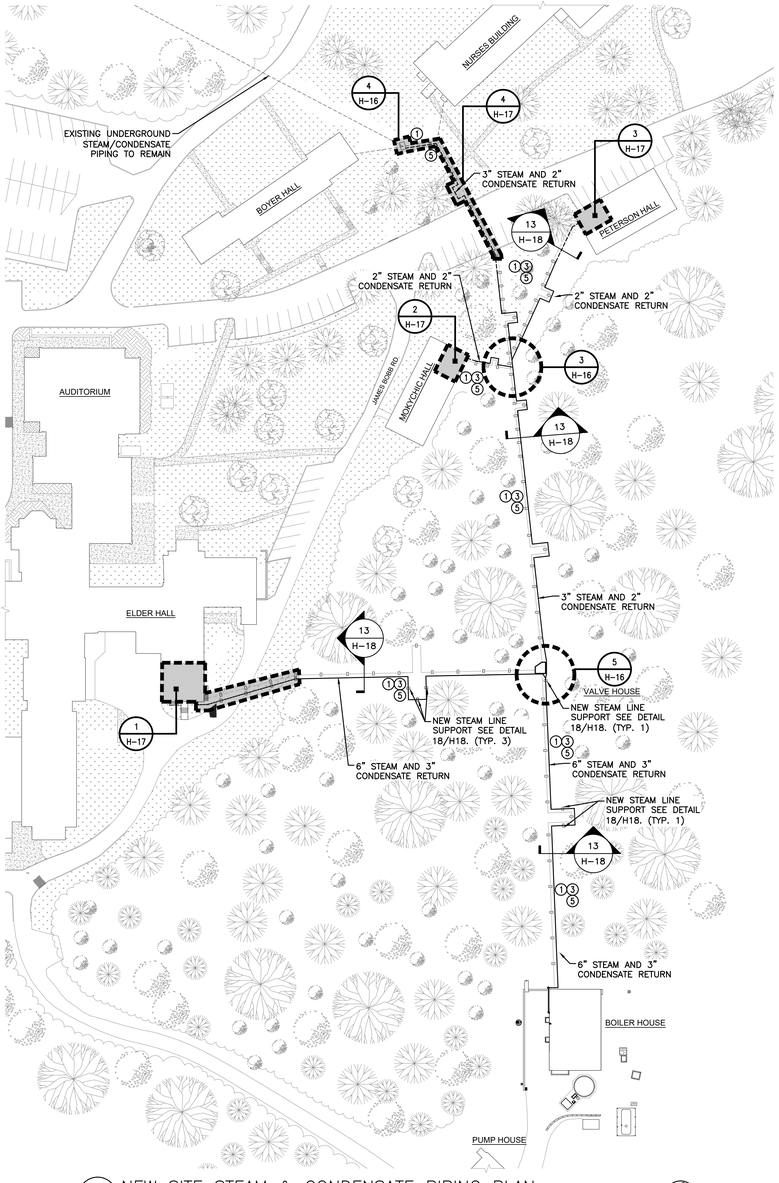
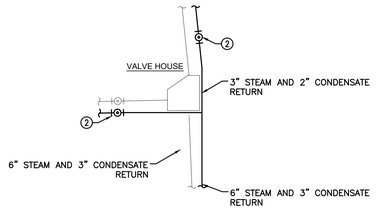
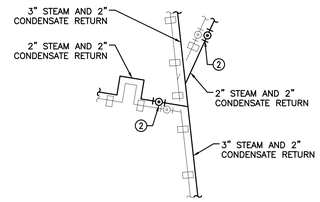


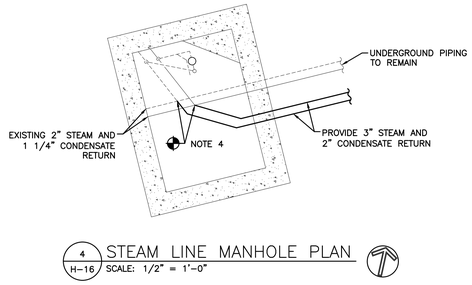
1 H-16 NEW SITE STEAM & CONDENSATE PIPING PLAN
SCALE: 1" = 50'-0"



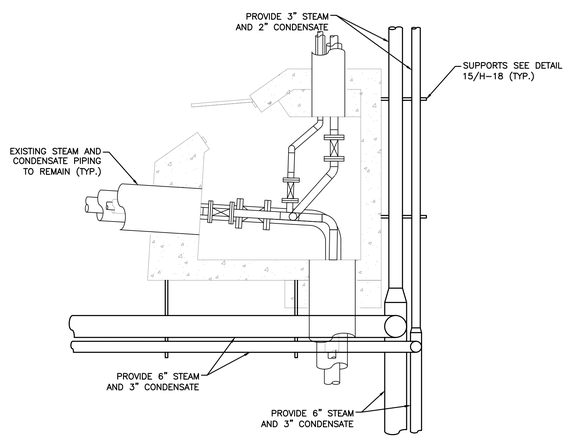
2 H-16 ENLARGED STEAM LINE PLAN
SCALE: 1/16" = 1'-0"



3 H-16 ENLARGED STEAM LINE PLAN
SCALE: 1/16" = 1'-0"



4 H-16 STEAM LINE MANHOLE PLAN
SCALE: 1/2" = 1'-0"



5 H-16 ENLARGED VALVE HOUSE PLAN
SCALE:

GENERAL NOTES:

1. DRIP LEGS ARE NOT REQUIRED ON EXTERIOR SITE STEAM AND CONDENSATE PIPING.
2. PROVIDE DRIP LEGS AT ALL BUILDING INTERIOR CONNECTION LOCATIONS.
3. CONTRACTOR TO INCLUDE QUANTITIES OF PIPING REQUIRED FOR ALL OF PIPING REQUIRED FOR ALL OFFSETS AND VERTICAL TRANSITIONS REQUIRED FOR INSTALLATION.
4. CONTRACTOR SHALL NOT DISTURB EXISTING ASBESTOS ON PIPING ALL ASBESTOS TO BE ABATED BY CLIENT AGENCY PRIOR TO WORK.
5. THE .2 CONTRACTOR SHALL BID ADDING THREE ADDITIONAL STEAM SUPPORTS PER DETAIL 18/H18. THESE SUPPORTS WILL BE INSTALLED IN LOCATIONS CHOSEN BY DESIGN PROFESSIONAL AT THE TIME OF STEAM LINE INSTALLATION.

NEW SITE STEAM & CONDENSATE PIPING SPECIFICATION: (OR EQUAL APPROVED BY PROFESSIONAL)

PIPING: ROVANCO – RHINOCOAT HIGH TEMP CONDUIT ELITE: SIZES AS INDICATED ON PLANS. INSTALL PER MANUFACTURERS WRITTEN RECOMMENDATIONS AND INSTRUCTIONS. REFER TO SPECIFICATION SECTION: 232213 STEAM AND CONDENSATE HEATING PIPING FOR ADDITIONAL REQUIREMENTS.

KEYED CONSTRUCTION NOTES

1. PROVIDE STEAM AND CONDENSATE PIPING (ABOVE & BELOW GRADE) PARALLEL TO EXISTING STEAM PIPING
2. PROVIDE VALVES FOR BRANCH STEAM AND CONDENSATE LINES
3. PROVIDE EXPOSED LINE WITH FACTORY PRIMER COATING. PAINT PER MANUFACTURERS RECOMMENDATIONS. (COLOR TO BE SELECTED BY CLIENT AGENCY)
4. NOT USED
5. .1 CONTRACTOR SHALL REMOVE 150 TREES (APPROX 100' TALL X 6.5' IN CIRCUMFERENCE). TREES TO BE MARKED BY CLIENT AGENCY PRIOR TO REMOVAL BY CONTRACTOR. TREES SHALL BE CUT AT GRADE LEVEL AND REMOVED FROM SITE IN THEIR ENTIRETY.

PLAN KEY

- EXISTING STEAM/CONDENSATE PIPING
- EXISTING UNDERGROUND STEAM/CONDENSATE PIPING
- NEW STEAM/CONDENSATE PIPING
- NEW UNDERGROUND STEAM/CONDENSATE PIPING

CALL BEFORE YOU DIG
PENNSYLVANIA ONE CALL SYSTEM, INC.
1-800-242-1776
PA ACT 287 (1974) REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR BLAST

REBID SUBMISSION
FEBRUARY 26, 2024

RECORD REVISIONS

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL ENGINEER
RICHARD SZATKOWSKI
ENGINEER No. 044481-E
PENNSYLVANIA

02-26-2024
SIGNATURE DATE

ARRIS ENGINEERING GROUP, LTD.
667 SOUTH RIVER STREET
PLAINS, PENNSYLVANIA

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG, PENNSYLVANIA

D.G.S. PROJECT No.
C-0304-0015 PHASE 2

ELIZABETHTOWN TRAINING ACADEMY – RENOVATE BOILER PLANT AND DOMESTIC / FIRE PROTECTION PIPING
DEPARTMENT of CORRECTIONS
ELIZABETHTOWN, LANCASTER COUNTY, PA

NEW SITE STEAM & CONDENSATE PIPING PLAN

VERIFY SCALE

BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING:
0 — 1
IF BAR IS NOT ONE (1) INCH LONG, ADJUST SCALE ACCORDINGLY

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS. VARIANCE FROM CONTRACT DOCUMENTS NOT PERMITTED WITHOUT PROFESSIONAL & BUREAU OF CONSTRUCTION APPROVAL.

DRAWN BY	DATE	DRAWING No.
D NEVEL	FEB 2023	H-16
CHECKED BY	SCALE	
R SZATKOWSKI	AS NOTED	

FILE PATH: F:\1400.01 0304-0015 P2 Elizabethtown Boiler\Drawings\Ho Base Bid Drawings\3.Mechanical CD\H-16 New Site Steam & Condensate Piping Plan.dwg
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