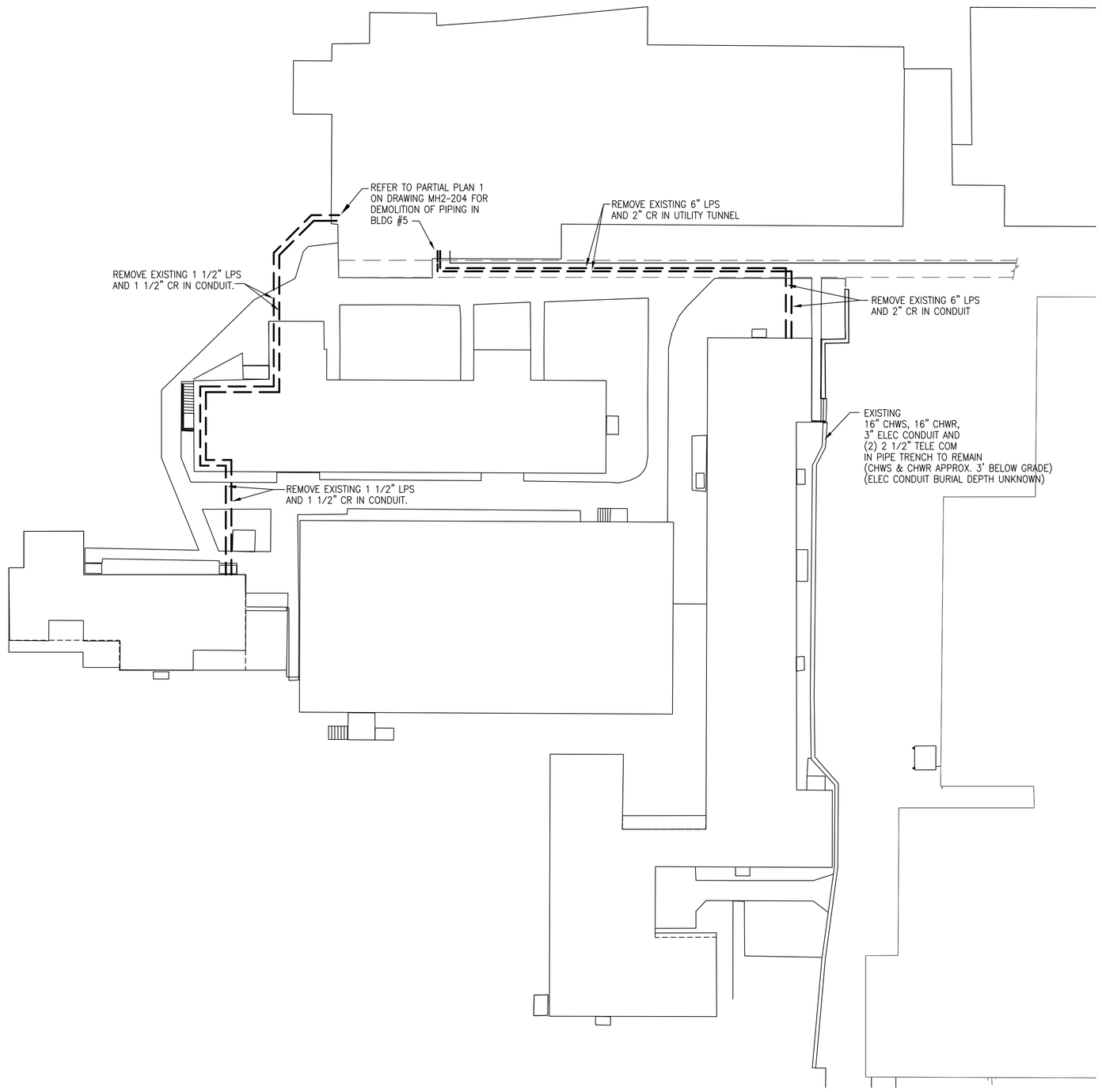
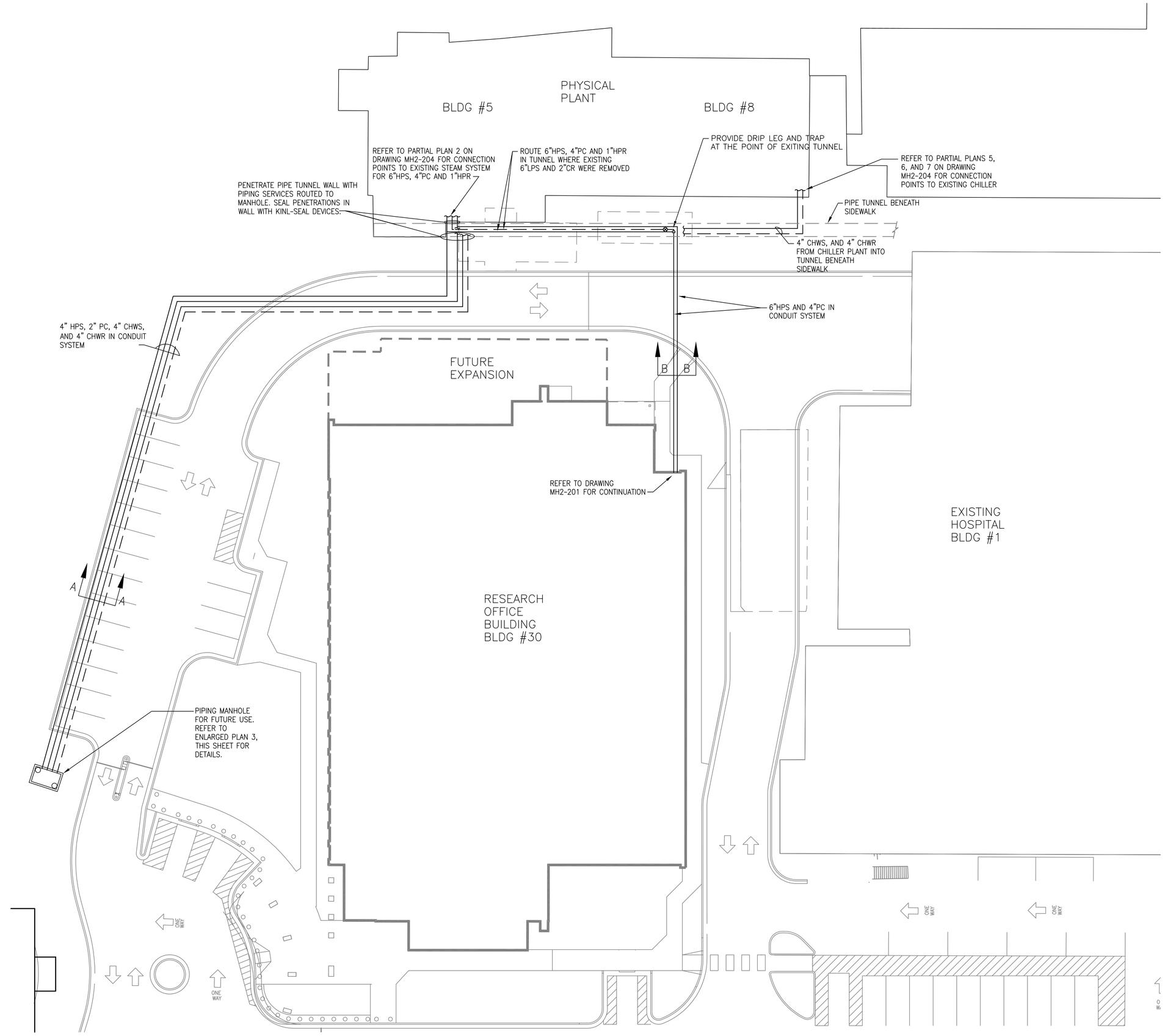
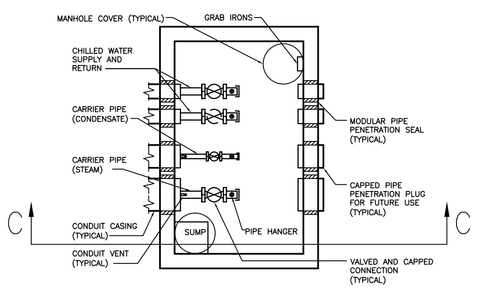


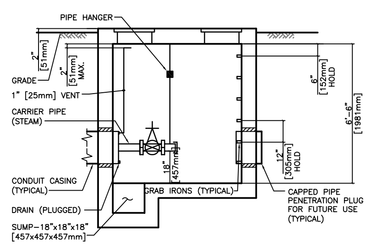
1 Site Steam Piping Demolition Plan
SCALE: 1" = 20'



2 Site Piping Plan
SCALE: 1" = 20'

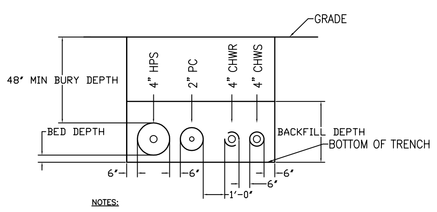


3 Piping Manhole Enlarged Plan
SCALE: NTS



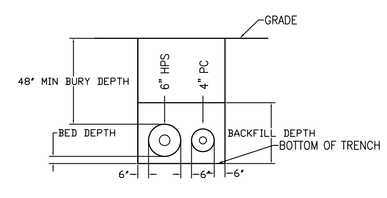
NOTES:
1. DIMENSIONS ARE MINIMUM UNLESS OTHERWISE NOTED.
2. PROVIDE STRUCTURAL DESIGN SUITABLE FOR SITE LOCATION.
3. FOR ADDITIONAL MANHOLE DETAILS INCLUDING STRUCTURE, VENTILATION, AND DRAINAGE CONSULT ARMY TECHNICAL MANUAL, TM-5-810-7.
4. MINIMUM FLOOR SPACE 6'x10'.

4 Piping Manhole Section C
SCALE: NTS



NOTES:
1. INSTALL HPS AND PC PIPING IN CASING SIZED BY MANUFACTURER TO ADEQUATELY ACCOMODATE THERMAL EXPANSION.
2. DEPTH AND COMPACTION OF BED AND BACKFILL TO BE PER PIPING SYSTEM MANUFACTURER'S RECOMMENDATIONS.
3. SLOPE ALL PIPING A MINIMUM OF 1" PER 40'-0" IN DIRECTION OF STEAM FLOW.

5 Pipe Trench Section A
SCALE: NTS



NOTES:
1. INSTALL HPS AND PC PIPING IN CASING SIZED BY MANUFACTURER TO ADEQUATELY ACCOMODATE THERMAL EXPANSION.
2. DEPTH AND COMPACTION OF BED AND BACKFILL TO BE PER PIPING SYSTEM MANUFACTURER'S RECOMMENDATIONS.
3. SLOPE ALL PIPING A MINIMUM OF 1" PER 40'-0" IN DIRECTION OF STEAM FLOW.

6 Pipe Trench Section B
SCALE: NTS

NORTH

FOR CONSTRUCTION
FULLY SPRINKLERED

Revisions:	Date

CONSULTANTS:

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ARCHITECT/ENGINEERS:

ARCHITECTURE ENGINEERING INTERIOR DESIGN DESIGN/BUILD

ASTORINO

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Drawing Title: **HVAC Site Steam Piping Plans**

Approved: Project Director

Project Title: **VA CARES CONSOLIDATION VAMC, PITTSBURGH, PA RESEARCH OFFICE BLDG.**

Location: **VAPHS UNIVERSITY DRIVE**

Date: **08-18-10** | Checked: **MED** | Drawn: **NAA**

Project Number: **646CA2500R**

Building Number: **30**

Drawing Number: **MHS-101**

Dwg: -- of --

Office of Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

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