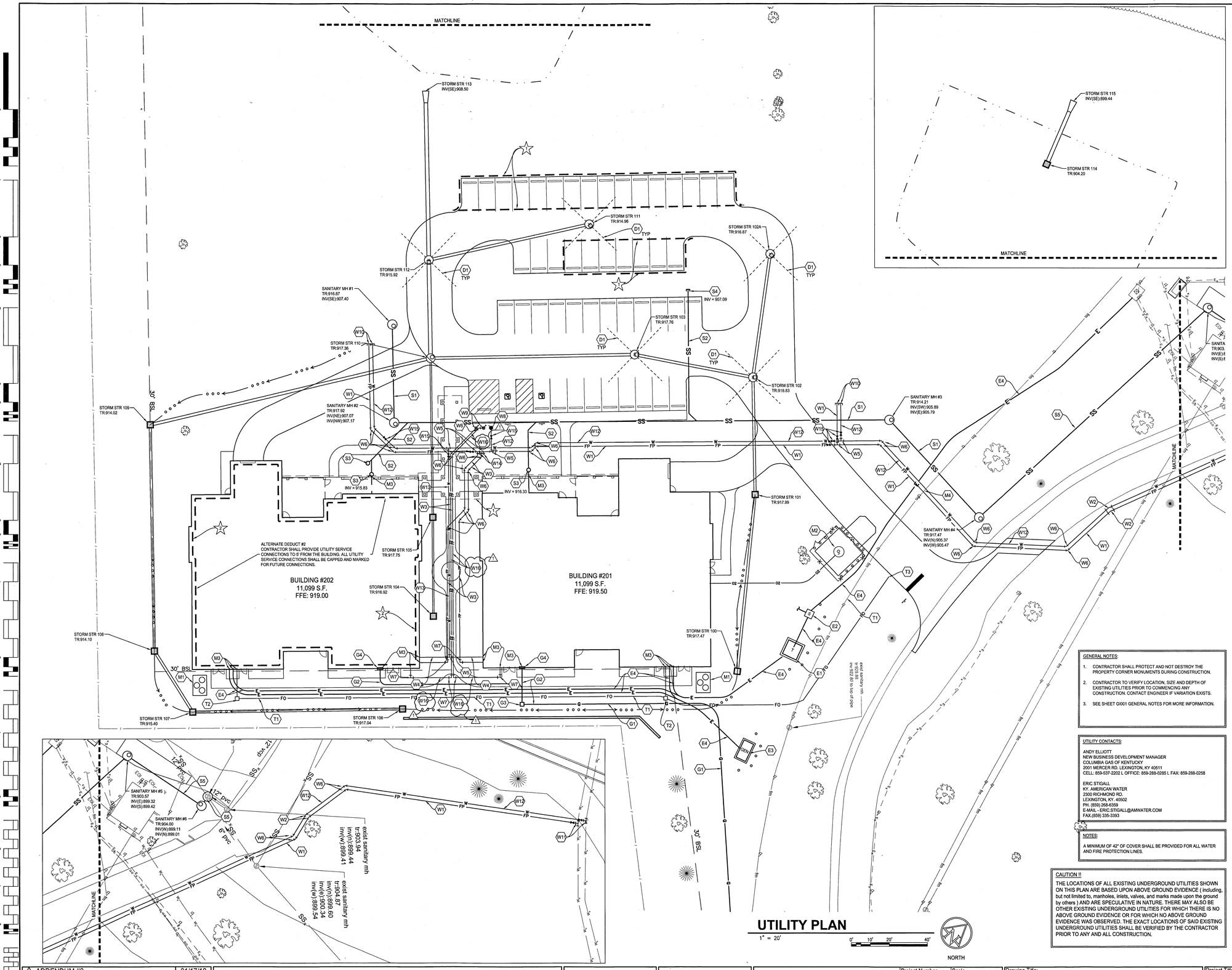

EXISTING LEGEND

Air Conditioner	Light Pole
Clean Out	Manhole
Curb Inlet	Post
Drainage Inlet	Power Pole
Drainage MH	Sanitary MH
Electric Box	Sign
Electric Handhole	Spigot
Electric Meter Box	Stand Pipe
Electric MH	Telephone Handhole
Flag	Telephone MH
Gas Meter	Telephone Pedestal
Gas Valve	Transformer
Guard Post	Vent
Guy Wire	Water Valve
Lid	Fence

BENCHMARK INFORMATION

Datum: NAVD 88 (Computed using GEOID12B from OPUS solution)

TBM 21

CHISELED "X" NORTHEAST BOLT FIRE HYDRANT LOCATED @ NORTHEAST QUAD OF AN INTERSECTION & ±120' SOUTH OF THE SOUTHWEST CORNER OF BUILDING #117.

ELEV:925.67

TBM 23

CHISELED SQUARE ON NORTHEAST SIDE OF LIGHT POLE BASE LOCATED IN BETWEEN TWO PARKING LOTS & ±100' SOUTHEAST OF BUILDING #122 & ±75' SOUTHEAST OF BUILDING #48.

ELEV:916.96

TBM 34

CHISELED SQUARE ON NORTHWEST SIDE OF LIGHT POLE #72 LOCATED INSIDE COURTYARD & IN FRONT OF BUILDING #29.

ELEV:914.48

PROPOSED UTILITY LEGEND

SS	SANITARY SEWER LINE
G	GAS LINE
E	ELECTRIC LINE
TC	TELECOMMUNICATION, FIBER OPTICS, AND FIRE ALARM
W	WATER LINE
O2	OXYGEN LINE (REFER TO MEP PLANS FOR INFORMATION)
	GAS METER
T	ELECTRICAL TRANSFORMER
	VALVE
WM	WATER METER PIT
	HYDRANT
	MANHOLE
GEN	EMEGENCY GENERATOR AND CONCRETE PAD (REFER TO ELECTRICAL PLANS)
O_2	BULK STORAGE TANKS
S	PRIMARY SWITCH (REFER TO ELECTRICAL PLANS)

PROPOSED UTILITY KEYNOTES

SANITARY SEWER

- S1. 8" SDR 26 PVC SANITARY MAIN (0.45% MIN. SLOPE)
- S2. 6" SDR 35 PVC SANITARY LATERAL (1.04% MIN. SLOPE)
- S3. SANITARY LATERAL CLEANOUT
- S4. CAP AND MARK FOR FUTURE CONNECTION
- S5. 10" SDR 26 SANITARY MAIN (0.45% MIN. SLOPE)

DRAINAGE / STORM SEWER

- D1. PAVEMENT UNDERDRAIN

WATER

- W1. 10" C900 PVC FIRE PROTECTION LINE
- W2. 22.5° BEND WITH CONCRETE THRUST BLOCK
- W3 6" C900 PVC FIRE PROTECTION WATER LINE
- W4. 2" TYPE "K" COPPER DOMESTIC WATERLINE
- W5. TEE WITH CONCRETE THRUST BLOCK
- W6. 45° BEND WITH CONCRETE THRUST BLOCK
- W7. 90° BEND WITH CONCRETE THRUST BLOCK
- W8. FIRE HYDRANT ASSEMBLY (PAINTED RED, COORDINATE WITH LOCAL FIRE DEPARTMENT FOR REQUIREMENTS)
- W9. FIRE DEPARTMENT CONNECTION (COORDINATE WITH LOCAL FIRE DEPARTMENT FOR REQUIREMENTS)
- W10. CAP AND MARK FOR FUTURE CONNECTION
- W11. CONNECT TO EXISTING WATER MAIN (TAPPING SLEEVE AND VALVE)
- W12. 8" C900 PVC WATER LINE
- W13. 4" C900 PVC WATER LINE
- W14. POST INDICATOR VALVE
- W15. VALVE WITH CONCRETE THRUST BLOCK
- W16. 4" C900 PVC FIRE PROTECTION WATER LINE

GAS

- G1. 4" GAS MAIN (COORDINATE WITH LOCAL UTILITY AND MEP PLANS)
- G2. GAS BUILDING SERVICE (REFER TO MEP PLANS)
- G3. JUNCTION BOX (REFER TO MEP PLANS)
- G4. GAS METER

TELECOMMUNICATIONS

- T1. TELECOMMUNICATIONS LINE (REFER TO MEP PLANS)
- T2. TELECOMMUNICATIONS HANDHOLE (REFER TO MEP PLANS)
- T3. SEE MEP PLANS FOR CONTINUATION AND CONNECTION TO EXISTING SYSTEM

ELECTRIC

- E1. ELECTRIC TRANSFORMER (REFER TO MEP PLANS)
- E2. PRIMARY SWITCH (REFER TO MEP PLANS)
- E3. EMERGENCY GENERATOR (REFER TO MEP PLANS)
- E4. CONCRETE ENCASED ELECTRICAL DUCT BANK (REFER TO MEP PLANS)

MISCELLANEOUS

- M1. CONDENSER UNITS (REFER TO MEP PLANS)
- M2. BULK OXYGEN STORAGE TANKS (REFER TO MEP PLANS AND REFER TO STRUCTURAL FOR PAD INFORMATION)
- M3. BUILDING SERVICE CONNECTION POINTS (COORDINATE WITH MEP PLANS)
- M4. CONTRACTOR TO ENSURE WATER LINE / FIRE PROTECTION LINE DOES NOT CONFLICT WITH EXISTING FORCE MAIN.

GENERAL NOTES:

1. CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION.
2. CONTRACTOR TO VERIFY LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION. CONTACT ENGINEER IF VARIATION EXISTS.
3. SEE SHEET G001 GENERAL NOTES FOR MORE INFORMATION.

UTILITY CONTACTS:

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NOTES:

A MINIMUM OF 42" OF COVER SHALL BE PROVIDED FOR ALL WATER AND FIRE PROTECTION LINES.

CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

☆ ALTERNATE DEDUCT NOTES

1. OMIT CONNECTING CANOPY STRUCTURE BETWEEN BUILDINGS AND CANOPY EXTENSION TO PARKING AREA. OMIT ALL STEEL STRUCTURE, CLADDING, FOUNDATIONS AND ELECTRICAL LIGHTING CONNECTED TO CANOPY. SIDEWALK TO REMAIN. IN LIEU OF THE INTEGRATED PATIENT HEALTHCARE CASEWORK, PROVIDE SUSPENDED MANUFACTURED PLASTIC CASEWORK WITH SOLID SURFACE COUNTERTOP AND BACKSPLASH. ALL OTHER DESIGN ELEMENTS ARE TO REMAIN THE SAME. OMIT PAVING AND BASE AT THE PARKING SPACES REMOTE FROM THE SIDEWALKS ACCESSING THE BUILDINGS. PROVIDE SEEDED AREA IN PLACE OF THE PAVING, MATCHING THE ADJACENT SEEDED AREAS TO INCLUDE TOPSOIL AS REQUIRED. THE PERIOD OF PERFORMANCE FOR THE WORK IN ALTERNATE DEDUCT #1 IS 460 CALENDAR DAYS FROM RECEIPT OF NOTICE TO PROCEED.
2. OMIT BUILDING # 202 AND ALL SITE FEATURES SUPPORTING OR ACCESSING THE BUILDING. PROVIDE SEEDED AREA TO INCLUDE TOPSOIL AS REQUIRED IN PLACE OF THE AREA OCCUPIED BY THE BUILDING AND RELATED SURFACE PAVING MATCHING THE ADJACENT SEEDED AREA. THE PERIOD OF PERFORMANCE FOR THE WORK IN ALTERNATE DEDUCT #2 IS 420 CALENDAR DAYS FROM RECEIPT OF NOTICE TO PROCEED.

BID DOCUMENTS

ADDENDUM #2	01/17/18
Revisions:	Date

CONSULTANTS:

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STATE OF KENTUCKY
WILLIS R CONNER
14690
LICENSED PROFESSIONAL ENGINEER
1-17-18

PROJECT MANAGER:

Project Number	Scale
15-584	AS INDICATED

APOGEE Consulting Group
Engineers | Architects
www.acg-pa.com
919-858-7420

Raleigh, NC
Indianapolis, IN
Pittsburgh, PA
Virginia Beach, VA
Fort Collins, CO

Drawing Title: PHASE 1 UTILITY PLAN

Location: LEXINGTON VAMC, LEESTOWN DIVISION
2250 LEESTOWN ROAD
LEXINGTON, KY 40511

Project Title: CONSTRUCT CONTINUING CARE FACILITIES - PHASE 1

Approved: Project Director

Date: SEPTEMBER 8, 2017 | Checked: NRE | Drawn: ALR

VA PROJECT NUMBER: 596-332

Building Number: # 201 & 202

Drawing Number: CU101

Dwg. 10 of 23

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

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