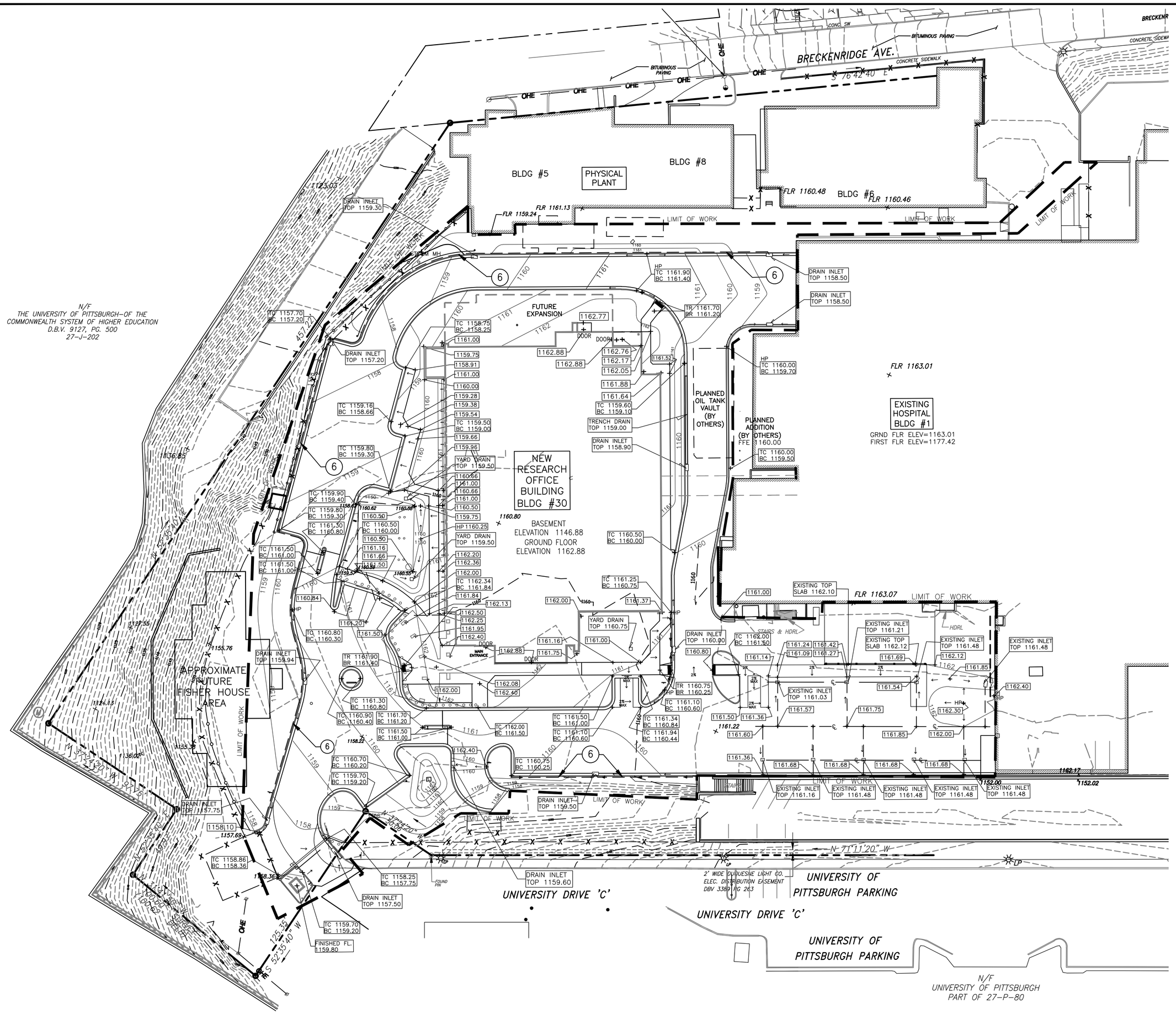

Site Grading Plan Notes

1. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND VERIFY EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES BEFORE ANY TYPE OF EXCAVATION BEGINS.
2. CONTRACTOR SHALL NOTIFY PA ONE CALL SYSTEM, INC. IN ACCORDANCE WITH PA ACT 38 FOR LOCATION AND MARKING OF UNDERGROUND UTILITIES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING AND UTILIZING AN UNDERGROUND UTILITY LOCATING SERVICE TO MARK ON THE GROUND SURFACE THE LOCATION OF UNDERGROUND UTILITIES ON SITE THAT ARE NOT COVERED IN THE PA ONE CALL NOTIFICATION.
4. RAISE AND/OR LOWER EXISTING MANHOLE/DRAIN INLET AS REQUIRED TO MEET PROPOSED ELEVATIONS.
5. CROSS PITCH SIDEWALKS 2% AWAY FROM BUILDINGS AND/OR TOWARD CURB LINES/PARKING AREAS.
6. TYPICAL - SUBDRAIN AT CURB AND GUTTER. SEE DETAIL 7-CS5-900. RUN AT MINIMUM 1% SLOPE TO DRAIN INLET.

Legend

TC - TOP OF CURB
BC - BOTTOM OF CURB
SS - SANITARY/COMBINED SEWER
CS - COMBINED SEWER MH
ST - STORM
MH - MANHOLE
TOP - TOP OF CASTING
INV - INVERT ELEVATION
WV - WATER VALVE
GV - GAS VALVE
FH - FIRE HYDRANT
BM - BENCH MARK
PM - PARKING METER
MB - MAILBOX
FP - FLAG POLE
LP - LIGHT POLE
DLC - DUQUENSE LIGHT COMPANY
TS - TRAFFIC SIGNAL
CNO - COULD NOT OPEN
PL - PROPERTY LINE
BT - BELL TELEPHONE
PP - POWER POLE
TW - TOP OF WALL @ GRADE
BW - BOTTOM OF WALL @ GRADE
TG - TOP OF GRATE
TC - TERRA COTTA PIPE (WHERE SHOWN NEXT TO SEWER LINE

EXISTING

- EX PROPERTY LINE
- EX. RIGHT OF WAY LINE
- EX. EASEMENT
- EX. CONTOURS
- EX. GAS LINE
- EX. UNDERGROUND ELECTRIC LINE
- EX. AERIAL ELECTRIC/ TELEPHONE/CABLE TV
- EX. SANITARY SEWER (BY PLAN)
- EX. SANITARY SEWER (FIELD)
- EX. STORM SEWER
- EX. WATERLINE BY PLAN
- EX. FIRE HYDRANT
- EX. FENCE
- EX. BOLLARD/POST
- EX. SIGN
- EX. LIGHT POLE
- EX. UTILITY POLE
- EX. GUY ANCHOR/WIRE
- EX. GAS SVALVE
- EX. TREES
- EX. WATER VALVE
- EX. GAS METER
- EX. SPOT ELEVATION
- EX. (TYPE W) INLET
- EX. (TYPE M) INLET
- EX. MANHOLE
- EX. YARD DRAIN
- EX. FLAG POLE
- LIMIT OF WORK LINE
- GUIDERAIL

PROPOSED

- PROPOSED FENCE
- PROPOSED SPOT ELEVATION
- PROPOSED CONTOURS
- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED COORDINATE POINT
- PROPOSED UTILITY POLE
- PROPOSED SIGN
- PROPOSED LIGHT POLE
- PROPOSED STORM SEWER
- SIDEWALK CONTROL JOINT
- SIDEWALK EXPANSION JOINT
- BITUMINOUS PAVEMENT
- HEAVY DUTY VEHICULAR CONCRETE PAVEMENT
- CONCRETE CURB & GUTTER
- CONCRETE CURB
- CHAIN LINK FENCE
- PAVEMENT SUBDRAIN
- GUIDERAIL

NOTE: THE UTILITY LOCATIONS SHOWN ON THIS PLAN ARE APPROX. LOCATIONS ONLY AS PER UTILITY COMPANY INFORMATION AND INFORMATION SUPPLIED BY THE PA ONE CALL SYSTEM.

SERIAL # 20102280550
Design:

*BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA STOP! CALL PA. ONE-CALL AT 1-800-242-1776 TOLL FREE FOR ACTUAL FIELD UTILITY LOCATIONS.

PENNSYLVANIA ACT 38 (1991) REQUIRES NO LESS THAN 3 WORKING DAYS NOTICE NOR MORE THAN 10 WORKING DAYS NOTICE FROM EXCAVATORS WHO ARE ABOUT TO DIG, DRILL, BLAST, AUGER, BORE, GRADE, TRENCH, OR DEMOLISH WHEN IN THE CONSTRUCTION PHASE. A DESIGNER IS REQUIRED TO GIVE NO LESS THAN 10 WORKING DAYS NOR MORE THAN 90 WORKING DAYS NOTICE WHEN ENGAGED IN THE DESIGN PHASE. BOTH OF THESE CONDITIONS INVOLVE THE ENTIRE COMMONWEALTH.

1 Site Grading Plan

SCALE: 1" = 30'

BLDG NORTH

30 15 0 30 60
SCALE: 1" = 30'

FOR CONSTRUCTION
FULLY SPRINKLERED

Revisions:	Date

CONSULTANTS:

HDR

HDR Architect-co, Inc.
1101 King Street | Suite 400 | Alexandria, Virginia 22314-2944 | 703.518.8500

ARCHITECT/ENGINEERS:

ARCHITECTURE ENGINEERING INTERIOR DESIGN DESIGN/BUILD
ASTORINO
227 Fort Pitt Boulevard Pittsburgh Pennsylvania 15222
TEL 412 765 1700 FAX 412 765 1711 www.astorino.com

Drawing Title	Site Grading Plan
Approved: Project Director	
Project Title	VA CARES CONSOLIDATION VAMC, PITTSBURGH, PA RESEARCH OFFICE BLDG.
Location	VAPHS UNIVERSITY DRIVE
Date	08-18-2010
Checked	MED
Drawn	MED
Project Number	04GC4A55GR
Building Number	30
Drawing Number	CS4-000
Dwg. – of –	

Office of Facilities Management
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

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