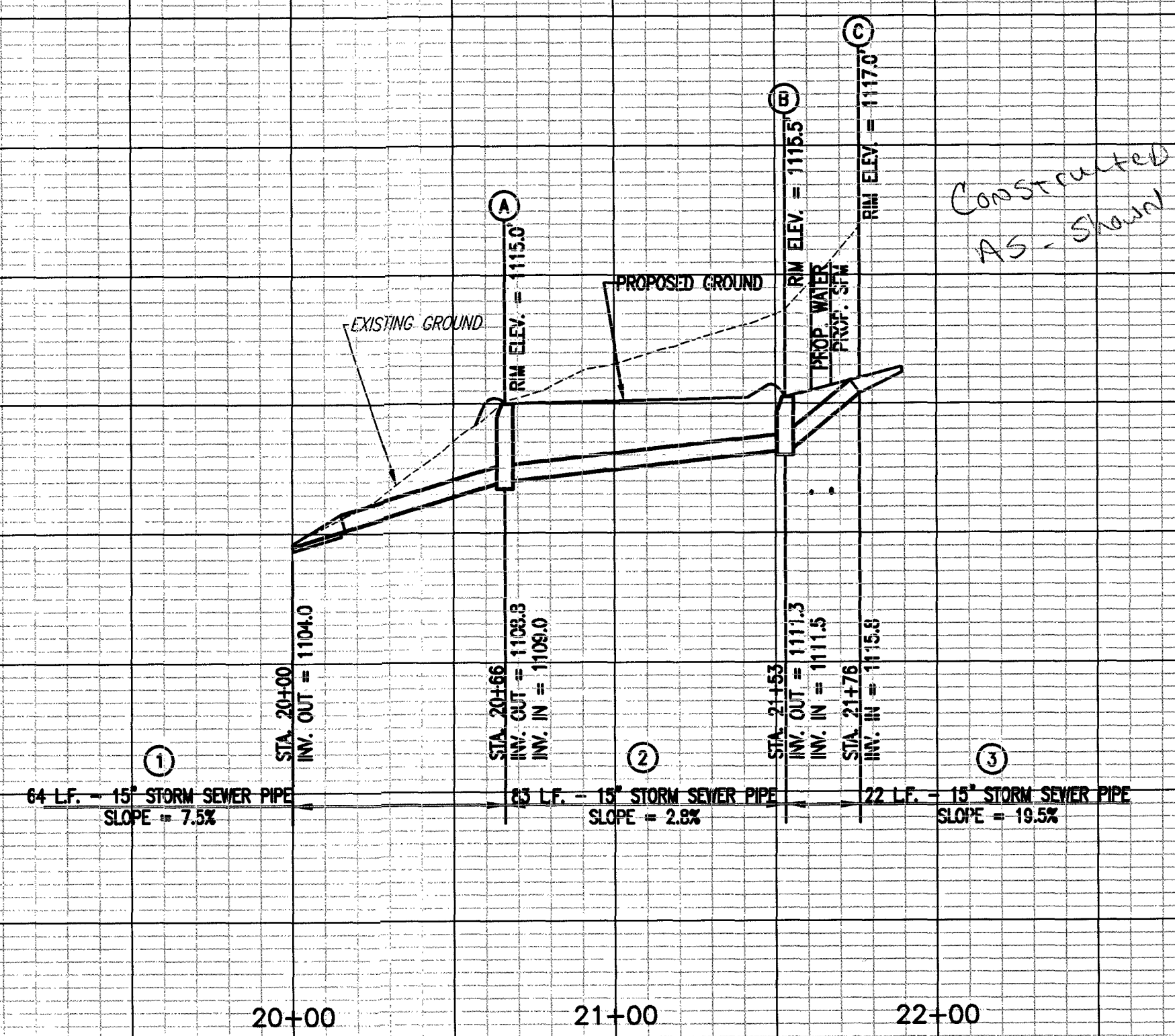
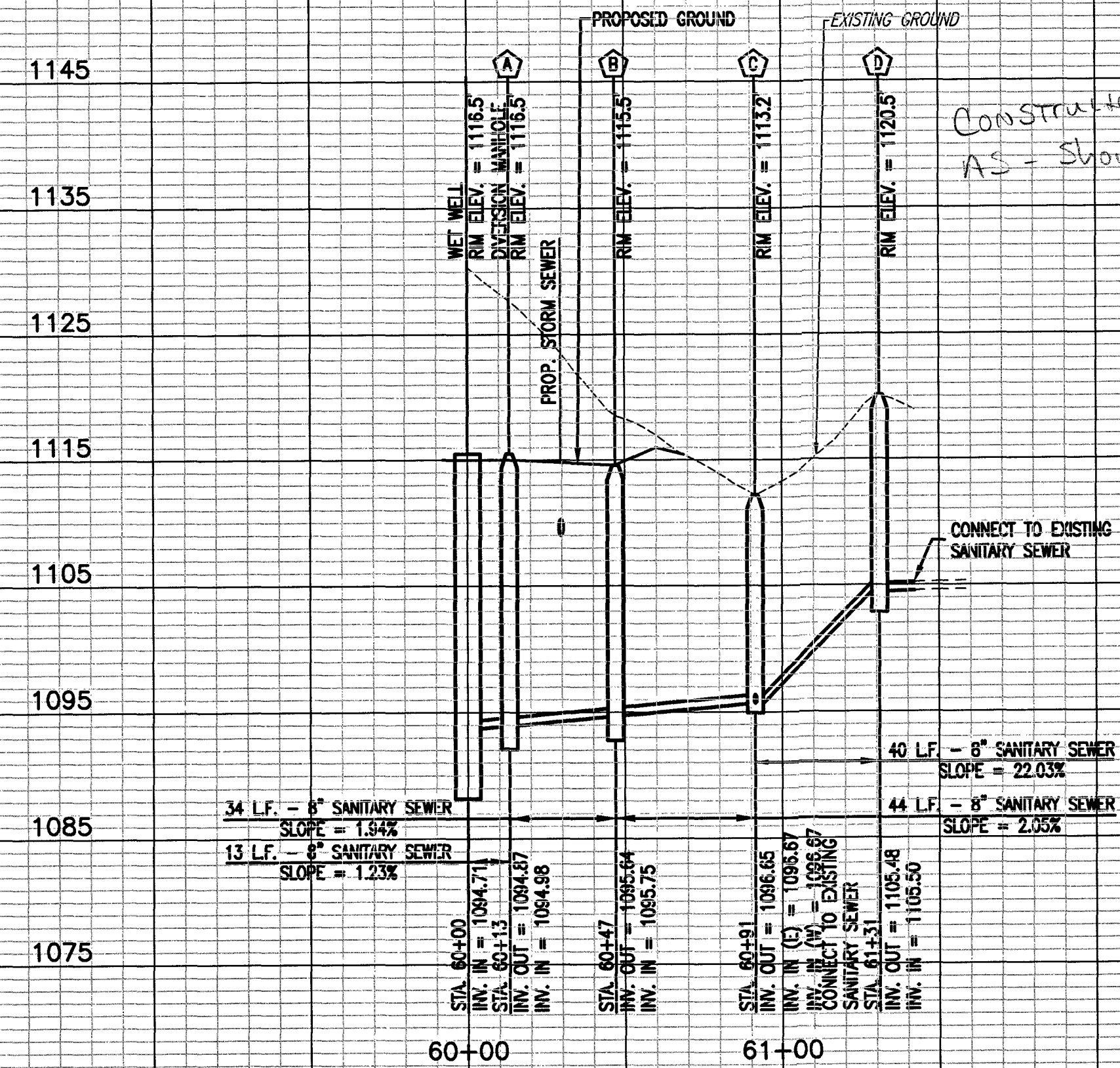


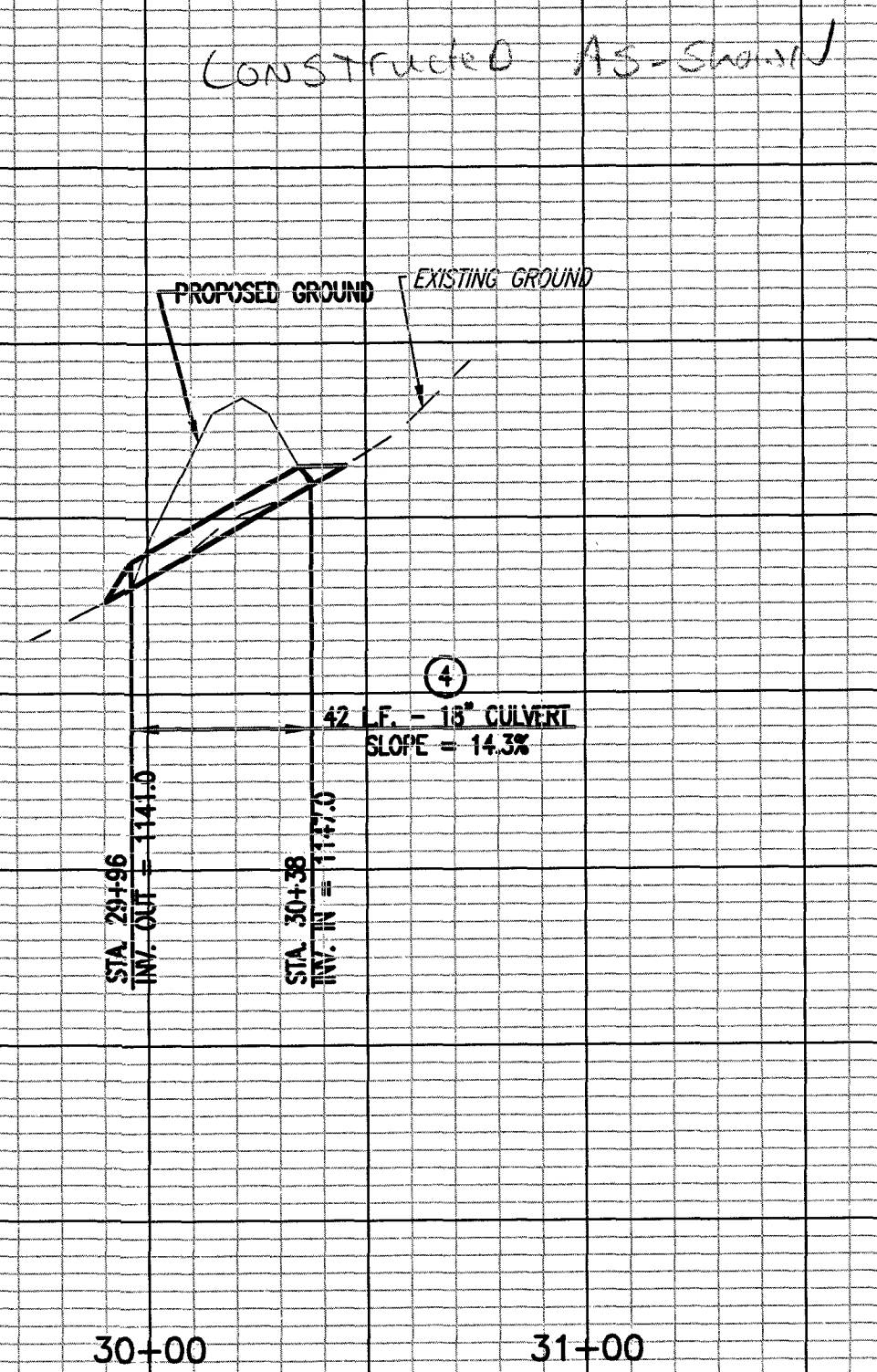
STORM SEWER PROFILE



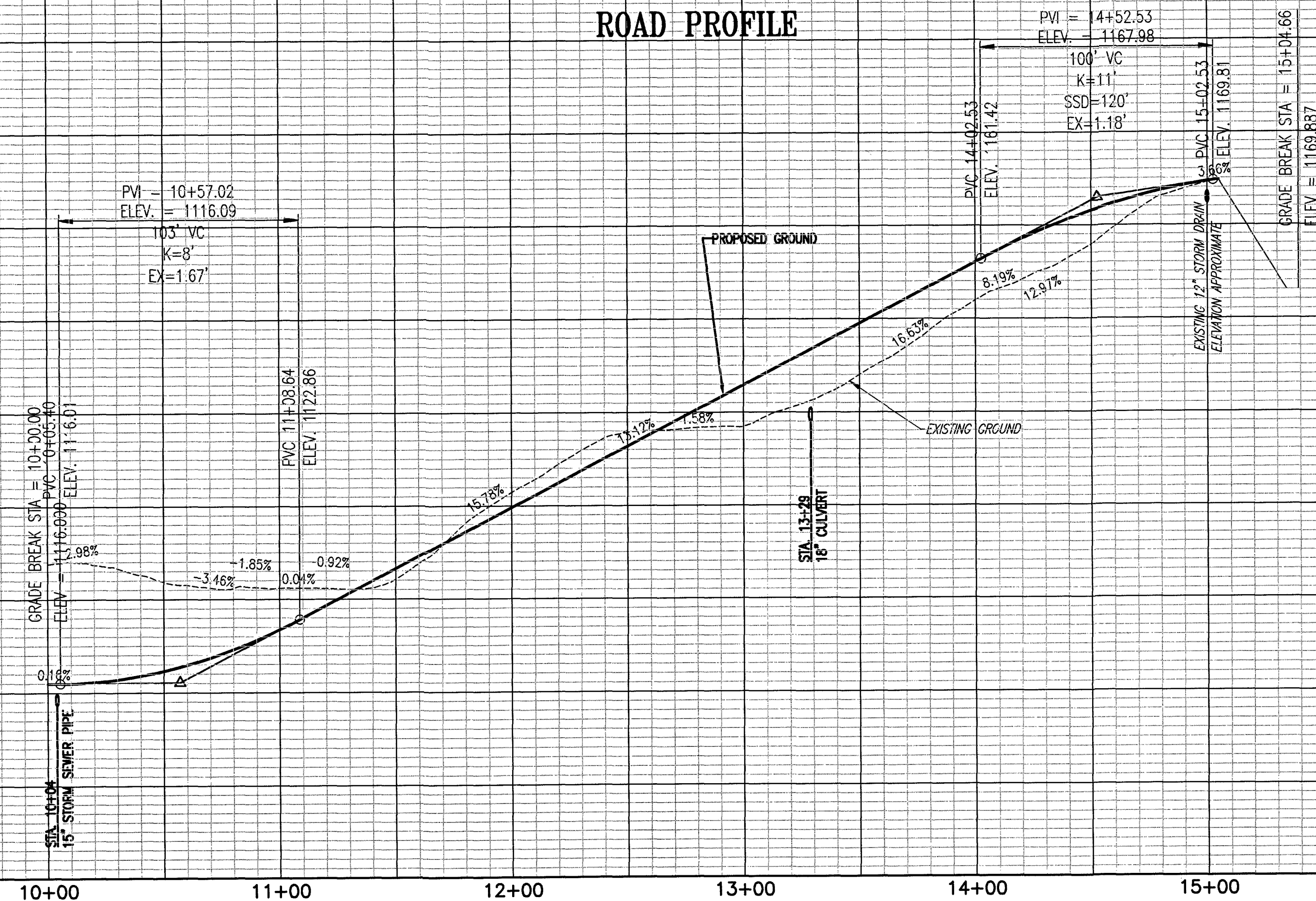
SANITARY SEWER PROFILE



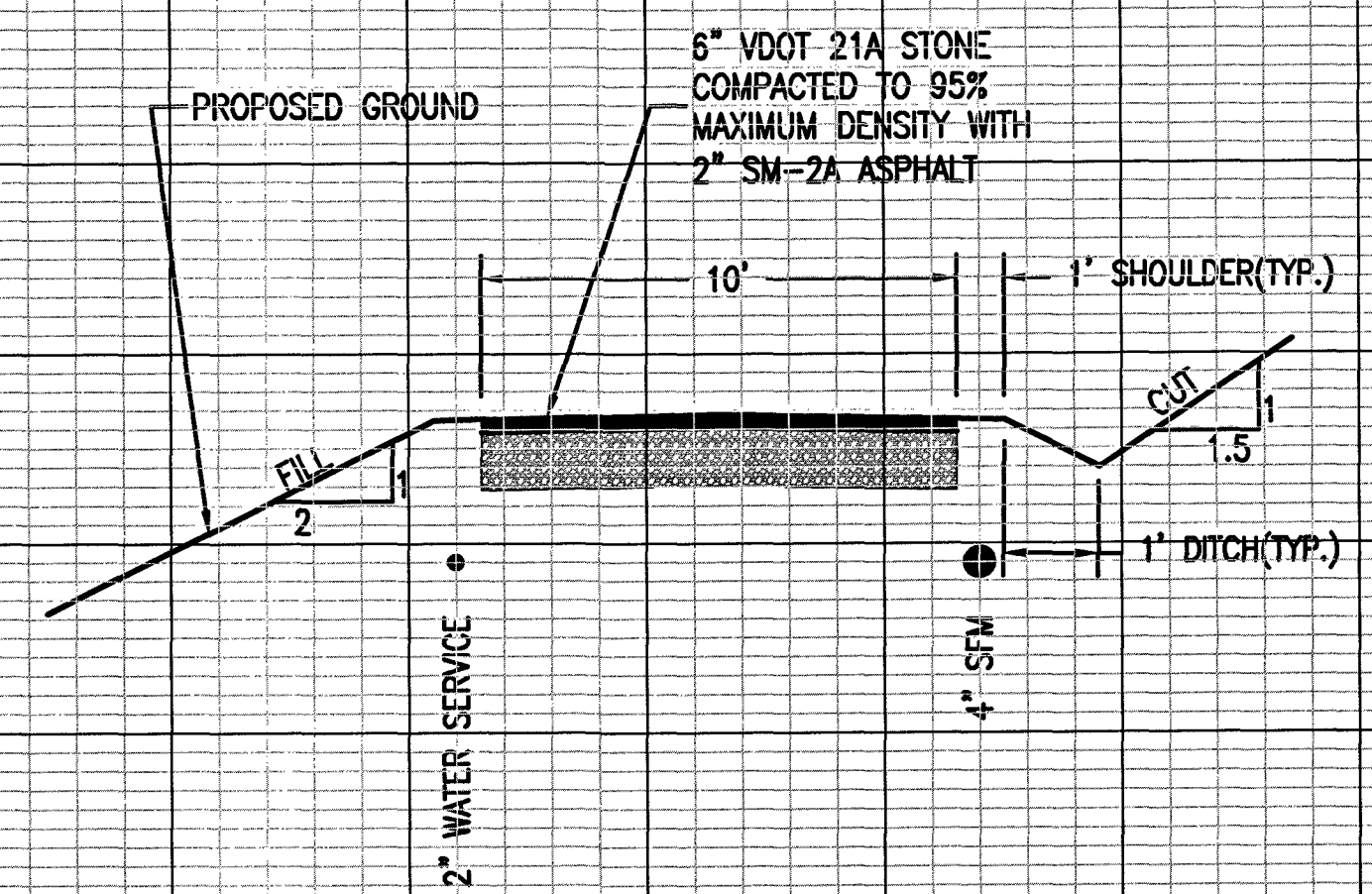
CULVERT 4 PROFILE



ROAD PROFILE



ACCESS ROAD
TYPICAL SECTION
NOT TO SCALE



- ① 64 L.F. - 15" STORM SEWER PIPE
INV. IN = 1108.8
INV. OUT = 1104.0
SLOPE = 7.5%
1 - VDOT ES-2 AT OUTLET
 - ② 63 L.F. - 15" STORM SEWER PIPE
INV. IN = 1111.3
INV. OUT = 1109.0
SLOPE = 2.8%
 - ③ 22 L.F. - 15" STORM SEWER PIPE
INV. IN = 1115.8
INV. OUT = 1111.5
SLOPE = 19.5%
1 - VDOT ES-2 AT INLET
 - ④ 42 L.F. - 18" CULVERT
2 EA. - 18" VDOT ES-2 FLARED END SECTION
INV. IN = 1147.0
INV. OUT = 1141.0
FOR PROFILE SEE SHEET C3.03.
- A DROP INLET VDOT DI-1
WITH BACK-UP BERM
TOP = 1115.0
INV. = 1108.8
 - B DROP INLET VDOT DI-1
WITH BACK-UP BERM
TOP = 1115.5
INV. = 1111.3
 - C VDOT ES-2
FLARED END SECTION
INV. = 1115.8



Whitman, Reardon & Associates, LLP
1700 Kraft Dr, Suite 1200, Blacksburg, VA 24060

WESTERN VIRGINIA WATER AUTHORITY
601 South Jefferson Street, Suite 300
Roanoke, Virginia 24011

DES: PJM
DRAWN: JES
CHECK: GWF
DATE: 05/24/18

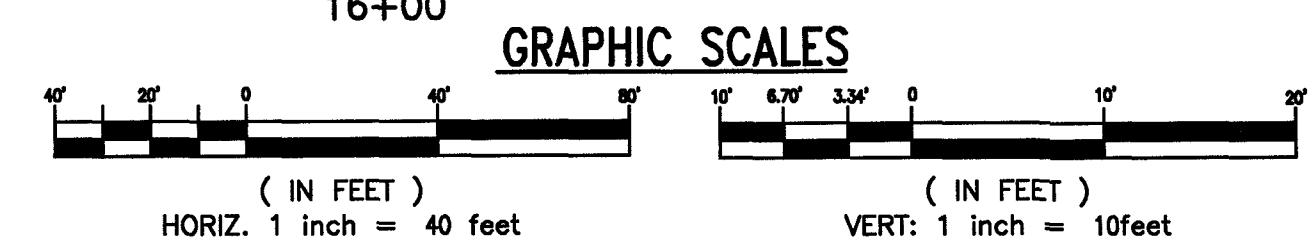
SCALE: AS SHOWN
HORIZ: 1" = 40'
VERT: 1" = 10'

SUMMIT VIEW BUSINESS PARK UTILITY IMPROVEMENTS,
PHASE 1

LIFT STATION #1 ROAD PROFILE, SECTION,
& STORM SEWER PROFILE

DRAWING
C3.03

SHEET
13



As-Built