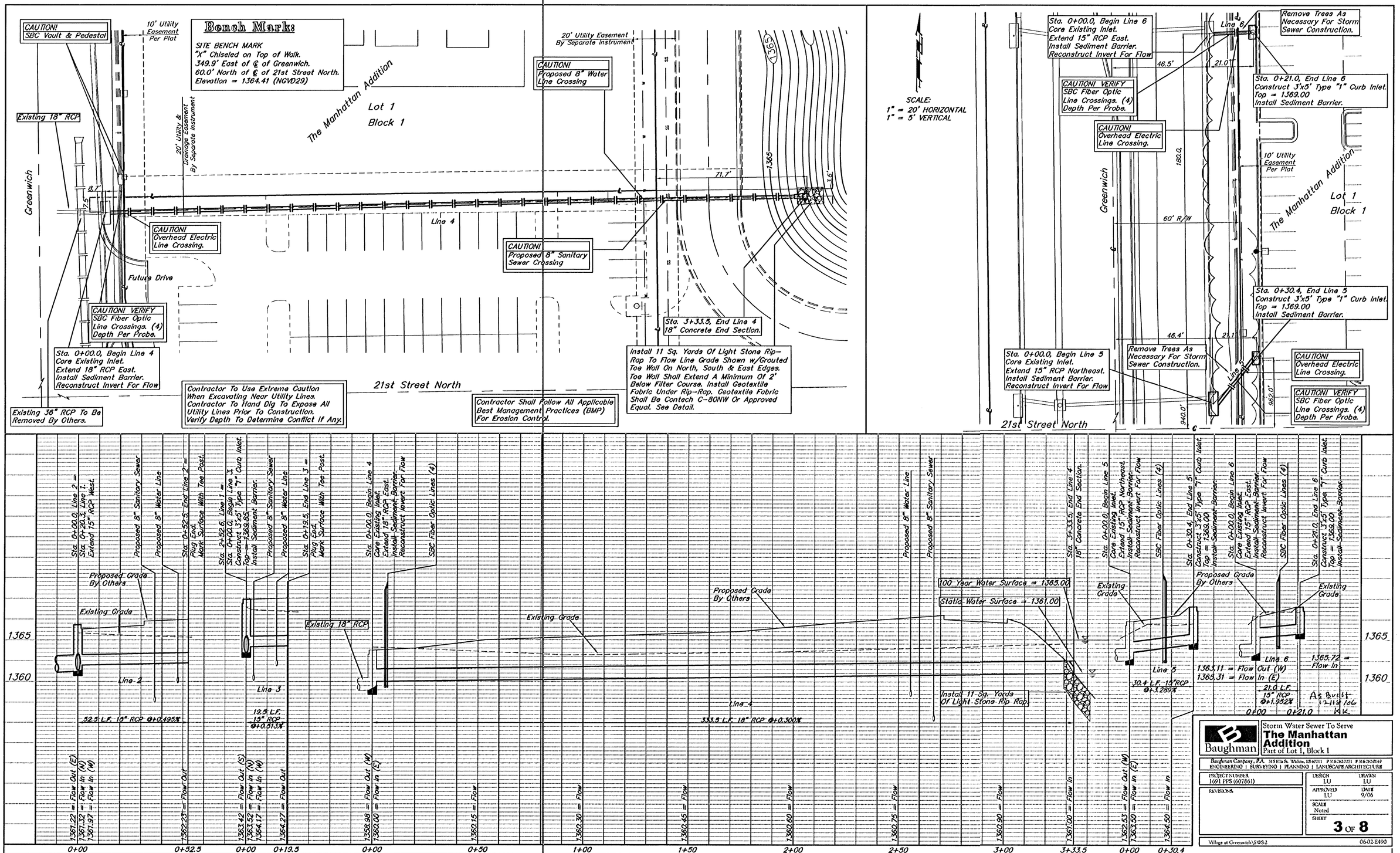
Bench Mark:
SITE BENCH MARK
"X" Chiseled on Top of Walk.
349.9' East of ℄ of Greenwich.
60.0' North of ℄ of 21st Street North.
Elevation = 1364.41 (NGVD29)
CAUTION! SBC Vault & Pedestal
10' Utility Easement Per Plat
Existing 18" RCP
20' Utility & Drainage Easement By Separate Instrument
The Manhattan Addition
Lot 1
Block 1
Greenwich
8.7'
7.5
Line 4
CAUTION! Overhead Electric Line Crossing.
Future Drive
CAUTION! VERIFY SBC Fiber Optic Line Crossings. (4) Depth Per Probe.
Sta. 0+00.0, Begin Line 4 Core Existing Inlet. Extend 18" RCP East. Install Sediment Barrier. Reconstruct Invert For Flow
Existing 38" RCP To Be Removed By Others.
Contractor To Use Extreme Caution When Excavating Near Utility Lines. Contractor To Hand Dig To Expose All Utility Lines Prior To Construction. Verify Depth To Determine Conflict If Any.
21st Street North
20' Utility Easement By Separate Instrument
CAUTION! Proposed 8" Water Line Crossing
CAUTION! Proposed 8" Sanitary Sewer Crossing
71.7'
1365
3.6'
Sta. 3+33.5, End Line 4 18" Concrete End Section.
Install 11 Sq. Yards Of Light Stone Rip-Rap To Flow Line Grade Shown w/Grouted Toe Wall On North, South & East Edges. Toe Wall Shall Extend A Minimum Of 2' Below Filter Course. Install Geotextile Fabric Under Rip-Rap. Geotextile Fabric Shall Be Contech C-80NW Or Approved Equal. See Detail.
Contractor Shall Follow All Applicable Best Management Practices (BMP) For Erosion Control.
SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL
Sta. 0+00.0, Begin Line 6 Core Existing Inlet. Extend 15" RCP East. Install Sediment Barrier. Reconstruct Invert For Flow
Line 6
Remove Trees As Necessary For Storm Sewer Construction.
46.5'
21.0'
CAUTION! VERIFY SBC Fiber Optic Line Crossings. (4) Depth Per Probe.
Sta. 0+21.0, End Line 6 Construct 3'x5' Type "1" Curb Inlet. Top = 1369.00 Install Sediment Barrier.
CAUTION! Overhead Electric Line Crossing.
180.0
10' Utility Easement Per Plat
Greenwich
The Manhattan Addition
Lot 1
Block 1
60' R/W
Sta. 0+30.4, End Line 5 Construct 3'x5' Type "1" Curb Inlet. Top = 1369.00 Install Sediment Barrier.
46.4'
21.1'
Sta. 0+00.0, Begin Line 5 Core Existing Inlet. Extend 15" RCP Northeast. Install Sediment Barrier. Reconstruct Invert For Flow
Remove Trees As Necessary For Storm Sewer Construction.
Line 5
CAUTION! Overhead Electric Line Crossing.
CAUTION! VERIFY SBC Fiber Optic Line Crossings. (4) Depth Per Probe.
962.0'
940.0'
21st Street North
Sta. 0+00.0, Line 2 = Sta. 0+20.3, Line 1: Extend 15" RCP West.
Proposed 8" Sanitary Sewer
Proposed 8" Water Line
Sta. 0+52.5, End Line 2 = Plug End. Mark Surface With Tee Post.
Sta. 2+52.6, Line 1 = Sta. 0+00.0, Begin Line 3: Construct 3'x5' Type "1" Curb Inlet. Top = 1369.55. Install Sediment Barrier.
Proposed 8" Sanitary Sewer
Proposed 8" Water Line
Sta. 0+19.5, End Line 3 = Plug End. Mark Surface With Tee Post.
Sta. 0+00.0, Begin Line 4 Core Existing Inlet. Extend 18" RCP East. Install Sediment Barrier. Reconstruct Invert For Flow
SBC Fiber Optic Lines (4)
Proposed Grade By Others
Existing Grade
Existing 18" RCP
Line 2
Line 3
52.5 L.F. 18" RCP @+0.495%
19.5 L.F. 15" RCP @+0.513%
Proposed Grade By Others
Existing Grade
Line 4
333.5 L.F. 18" RCP @+0.300%
Proposed 8" Water Line
Proposed 8" Sanitary Sewer
Sta. 3+33.5, End Line 4 18" Concrete End Section.
100 Year Water Surface = 1365.00
Static Water Surface = 1361.00
Install 11 Sq. Yards Of Light Stone Rip Rap.
Sta. 0+00.0, Begin Line 5 Core Existing Inlet. Extend 15" RCP Northeast. Install Sediment Barrier. Reconstruct Invert For Flow
SBC Fiber Optic Lines (4)
Existing Grade
Line 5
30.4 L.F. 15" RCP @+3.289%
Sta. 0+30.4, End Line 5 Construct 3'x5' Type "1" Curb Inlet. Top = 1369.00 Install Sediment Barrier.
Sta. 0+00.0, Begin Line 6 Core Existing Inlet. Extend 15" RCP East. Install Sediment Barrier. Reconstruct Invert For Flow
SBC Fiber Optic Lines (4)
Proposed Grade By Others
Existing Grade
Line 6
1363.11 = Flow Out (W)
1363.31 = Flow In (E)
21.0 L.F. 15" RCP @+1.952%
1365.72 = Flow In
As Built 12/19/06 KK
Sta. 0+21.0, End Line 6 Construct 3'x5' Type "1" Curb Inlet. Top = 1369.00 Install Sediment Barrier.
1365
1360
1361.22 = Flow Out (E)
1361.32 = Flow In (N)
1361.97 = Flow In (W)
1362.23 = Flow Out
1363.42 = Flow Out (S)
1363.52 = Flow In (N)
1364.17 = Flow In (W)
1364.27 = Flow Out
1358.98 = Flow Out (W)
1360.00 = Flow In (E)
1360.15 = Flow
1360.30 = Flow
1360.45 = Flow
1360.60 = Flow
1360.75 = Flow
1360.90 = Flow
1361.00 = Flow In
1362.53 = Flow Out (W)
1363.50 = Flow In (E)
1364.50 = Flow In
0+00
0+52.5
0+00
0+19.5
0+00
0+50
1+00
1+50
2+00
2+50
3+00
3+33.5
0+00
0+30.4
Baughman
Storm Water Sewer To Serve
The Manhattan Addition
Part of Lot 1, Block 1
Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE
PROJECT NUMBER 1091 FPS (607861)
REVISIONS
DESIGN LU
DRAWN LU
APPROVED LU
DATE 9/06
SCALE Noted
SHEET 3 OF 8
Village at Greenwich\SWS-2
0602-E490