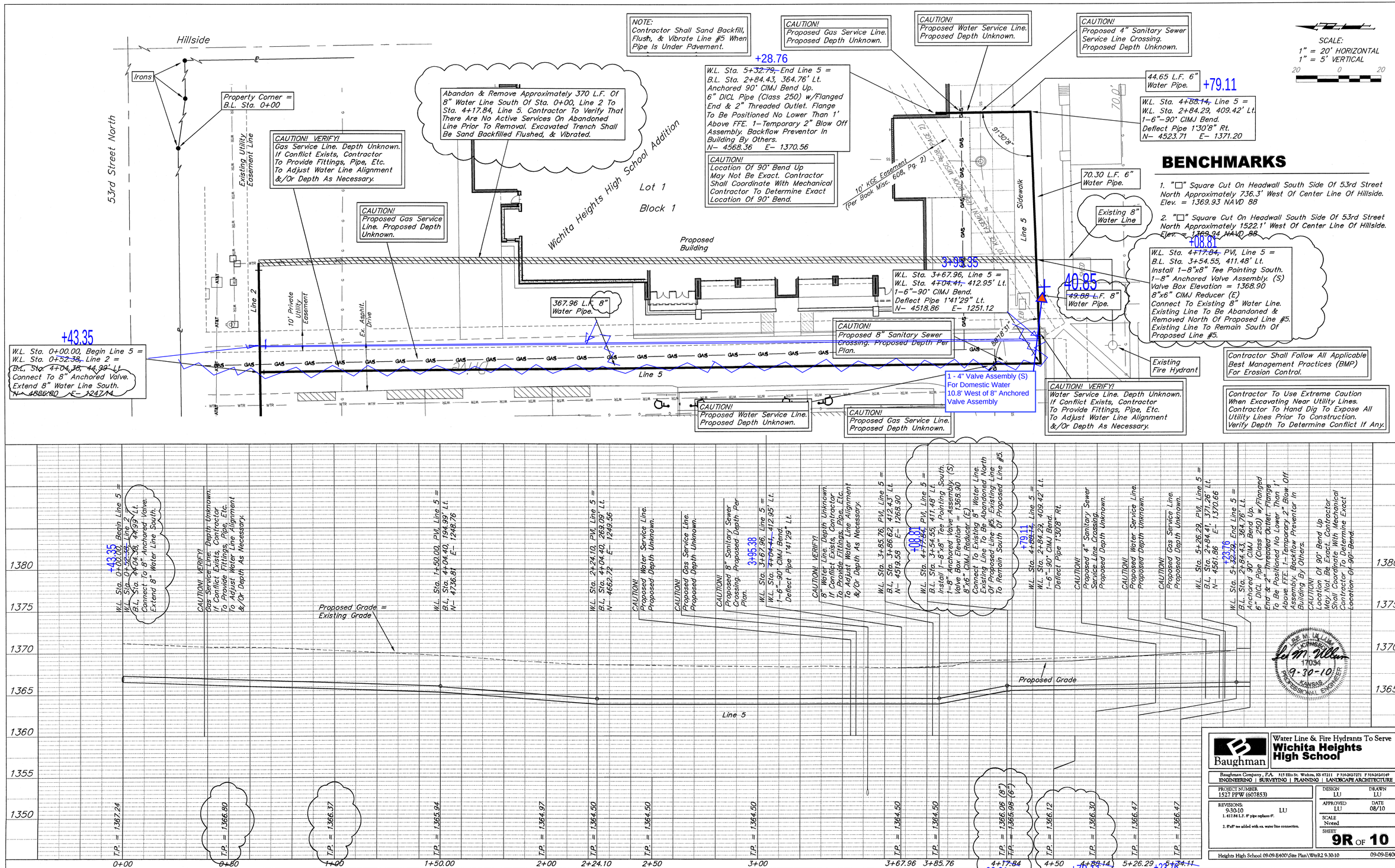
Hillside
Irons
Property Corner = B.L. Sta. 0+00
53rd Street North
Existing Utility Easement Line
CAUTION! VERIFY! Gas Service Line. Depth Unknown. If Conflict Exists, Contractor To Provide Fittings, Pipe, Etc. To Adjust Water Line Alignment &/Or Depth As Necessary.
CAUTION! Proposed Gas Service Line. Proposed Depth Unknown.
Abandon & Remove Approximately 370 L.F. Of 8" Water Line South Of Sta. 0+00, Line 2 To Sta. 4+17.84, Line 5. Contractor To Verify That There Are No Active Services On Abandoned Line Prior To Removal. Excavated Trench Shall Be Sand Backfilled Flushed, & Vibrated.
Wichita Heights High School Addition
Lot 1
Block 1
Proposed Building
NOTE: Contractor Shall Sand Backfill, Flush, & Vibrate Line #5 When Pipe Is Under Pavement.
CAUTION! Proposed Gas Service Line. Proposed Depth Unknown.
CAUTION! Proposed Water Service Line. Proposed Depth Unknown.
CAUTION! Proposed 4" Sanitary Sewer Service Line Crossing. Proposed Depth Unknown.
SCALE: 1" = 20' HORIZONTAL 1" = 5' VERTICAL
20 0 20
+28.76
W.L. Sta. 5+~~32.79,~~ End Line 5 = B.L. Sta. 2+84.43, 364.76' Lt. Anchored 90° CIMJ Bend Up. 6" DICL Pipe (Class 250) w/Flanged End & 2" Threaded Outlet. Flange To Be Positioned No Lower Than 1' Above FFE. 1-Temporary 2" Blow Off Assembly. Backflow Preventor In Building By Others. N- 4568.36 E- 1370.56
CAUTION! Location Of 90° Bend Up May Not Be Exact. Contractor Shall Coordinate With Mechanical Contractor To Determine Exact Location Of 90° Bend.
44.65 L.F. 6" Water Pipe.
+79.11
W.L. Sta. 4+~~88.14,~~ Line 5 = W.L. Sta. 2+84.29, 409.42' Lt. 1-6"-90° CIMJ Bend. Deflect Pipe 1°30'8" Rt. N- 4523.71 E- 1371.20
70.30 L.F. 6" Water Pipe.
10' KGE Easement (Per Book Misc. 608, Pg. 2)
Sidewalk
Line 5
Existing 8" Water Line
BENCHMARKS
1. "□" Square Cut On Headwall South Side Of 53rd Street North Approximately 736.3' West Of Center Line Of Hillside. Elev. = 1369.93 NAVD 88
2. "□" Square Cut On Headwall South Side Of 53rd Street North Approximately 1522.1' West Of Center Line Of Hillside. Elev. = 1368.94 NAVD 88
+08.81
W.L. Sta. 4+~~17.84,~~ PVI, Line 5 = B.L. Sta. 3+54.55, 411.48' Lt. Install 1-8"x8" Tee Pointing South. 1-8" Anchored Valve Assembly. (S) Valve Box Elevation = 1368.90 8"x6" CIMJ Reducer (E) Connect To Existing 8" Water Line. Existing Line To Be Abandoned & Removed North Of Proposed Line #5. Existing Line To Remain South Of Proposed Line #5.
3+95.35
W.L. Sta. 3+67.96, Line 5 = W.L. Sta. 4+~~04.41,~~ 412.95' Lt. 1-6"-90° CIMJ Bend. Deflect Pipe 1°41'29" Lt. N- 4518.86 E- 1251.12
367.96 L.F. 8" Water Pipe.
+40.85
~~49.88 L.F.~~ 8" Water Pipe.
CAUTION! Proposed 8" Sanitary Sewer Crossing. Proposed Depth Per Plan.
Existing Fire Hydrant
Contractor Shall Follow All Applicable Best Management Practices (BMP) For Erosion Control.
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.
+43.35
W.L. Sta. 0+00.00, Begin Line 5 = W.L. Sta. 0+~~52.35,~~ Line 2 = B.L. Sta. 4+04.35, 44.99' Lt. Connect To 8" Anchored Valve. Extend 8" Water Line South. N- 4886.80 E- 1247.14
10' Private Utility Easement
Ex. Asphlt. Drive
Line 2
Line 5
1 - 4" Valve Assembly (S) For Domestic Water 10.8' West of 8" Anchored Valve Assembly
CAUTION! Proposed Water Service Line. Proposed Depth Unknown.
CAUTION! Proposed Gas Service Line. Proposed Depth Unknown.
CAUTION! VERIFY! Water Service Line. Depth Unknown. If Conflict Exists, Contractor To Provide Fittings, Pipe, Etc. To Adjust Water Line Alignment &/Or Depth As Necessary.
Proposed Grade = Existing Grade
Proposed Grade
Line 5
1380
1375
1370
1365
1360
1355
1350
+43.35 W.L. Sta. 0+00.00, Begin Line 5 = W.L. Sta. 0+~~52.35,~~ Line 2 = B.L. Sta. 4+04.35, 44.99' Lt. Connect To 8" Anchored Valve. Extend 8" Water Line South.
CAUTION! VERIFY! Gas Service Line. Depth Unknown. If Conflict Exists, Contractor To Provide Fittings, Pipe, Etc. To Adjust Water Line Alignment &/Or Depth As Necessary.
W.L. Sta. 1+50.00, PVI, Line 5 = B.L. Sta. 4+04.40, 194.99' Lt. N- 4736.81 E- 1248.76
W.L. Sta. 2+24.10, PVI, Line 5 = B.L. Sta. 4+04.40, 268.09' Lt. N- 4662.72 E- 1248.56
CAUTION! Proposed Water Service Line. Proposed Depth Unknown.
CAUTION! Proposed Gas Service Line. Proposed Depth Unknown.
CAUTION! Proposed 8" Sanitary Sewer Crossing. Proposed Depth Per Plan.
3+95.38
W.L. Sta. 3+67.96, Line 5 = W.L. Sta. 4+~~04.41,~~ 412.95' Lt. 1-6"-90° CIMJ Bend. Deflect Pipe 1°41'29" Lt.
CAUTION! VERIFY! 8" Water Line. Depth Unknown. If Conflict Exists, Contractor To Provide Fittings, Pipe, Etc. To Adjust Water Line Alignment &/Or Depth, As Necessary.
W.L. Sta. 3+85.76, PVI, Line 5 = B.L. Sta. 3+86.62, 412.43' Lt. N- 4519.58 E- 1268.90
+08.81
W.L. Sta. 4+~~17.84,~~ PVI, Line 5 = B.L. Sta. 3+54.55, 411.48' Lt. Install 1-8"x8" Tee Pointing South. 1-8" Anchored Valve Assembly. (S) Valve Box Elevation = 1368.90 8"x6" CIMJ Reducer (E) Connect To Existing 8" Water Line. Existing Line To Be Abandoned & Removed North Of Proposed Line #5. Existing Line To Remain South Of Proposed Line #5.
+79.11
W.L. Sta. 4+~~88.14,~~ Line 5 = W.L. Sta. 2+84.29, 409.42' Lt. 1-6"-90° CIMJ Bend. Deflect Pipe 1°30'8" Rt.
CAUTION! Proposed 4" Sanitary Sewer Service Line Crossing. Proposed Depth Unknown.
CAUTION! Proposed Water Service Line. Proposed Depth Unknown.
CAUTION! Proposed Gas Service Line. Proposed Depth Unknown.
W.L. Sta. 5+26.29, PVI, Line 5 = B.L. Sta. 2+84.41, 371.26' Lt. N- 4561.86 E- 1370.66
+23.76
W.L. Sta. 5+~~32.79,~~ End Line 5 = B.L. Sta. 2+84.43, 364.76' Lt. Anchored 90° CIMJ Bend Up. 6" DICL Pipe (Class 250) w/Flanged End & 2" Threaded Outlet. Flange To Be Positioned No Lower Than 1' Above FFE. 1-Temporary 2" Blow Off Assembly. Backflow Preventor In Building By Others.
CAUTION! Location Of 90° Bend Up May Not Be Exact. Contractor Shall Coordinate With Mechanical Contractor To Determine Exact Location Of 90° Bend.
T.P. = 1367.24
T.P. = 1366.80
T.P. = 1366.37
T.P. = 1365.94
T.P. = 1364.97
T.P. = 1364.50
T.P. = 1364.50
T.P. = 1364.50
T.P. = 1364.50
T.P. = 1364.50
T.P. = 1366.06 (8")
T.P. = 1365.98 (6")
T.P. = 1366.12
T.P. = 1366.30
T.P. = 1366.47
T.P. = 1366.47
0+00
0+50
1+00
1+50.00
2+00
2+24.10
2+50
3+00
3+67.96
3+85.76
4+17.84
+08.81
4+50
4+88.14
+79.11
5+26.29
5+34.11
+23.76
L. M. Ullom
17034
9-30-10
KANSAS
PROFESSIONAL ENGINEER
Baughman
Water Line & Fire Hydrants To Serve
Wichita Heights High School
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE
PROJECT NUMBER 1527 PPW (607853)
REVISIONS: 9-30-10 LU
1. 417.84 L.F. 8" pipe replaces 6".
2. 8"x8" tee added with ex. water line connection.
DESIGN LU
DRAWN LU
APPROVED LU
DATE 08/10
SCALE Noted
SHEET 9R OF 10
Heights High School 09-09-E400\Site Plan\WtrR2 9-30-10
09-09-E400