Benchmark:
"□" on west edge of median at intersection of Collective and Founders.
Elev. = 188.97 (Cow Datum)
= 1376.37 (MSL)

Baseline
Centerline of 21st. St. N w/10+00 being the Intersection of 21st St. North and Founders Rd.

Sta. 0+00.00 Line 1
B.L. Sta. 15+59.24 659.37 Rt.
Construct Conc. Endsection
FL 15" (Out)= ~~1366.00~~ 1364.94

155.84 L.F. 15" RPC @ ~~0.40%~~ 1.05

Sta. 1+55.84 Line 1
B.L. Sta. 14+14.32 602.07 Rt.
1-4'ø Manhole
Top=1372.20~~'~~ 11
FL 15" (In)=1366.72(E)
FL 15" (Out)=1366.~~62~~(W)
.59

92.51 L.F. 15" PVC @ 0.86%
.50

Sta. 2+48.35 Line 1
B.L. Sta. 13+28.29 568.06 Rt.
COW Single Area Inlet
w/18" Apron
Top=1371.~~65~~ 63
15" FL(In)=1367.~~52~~(E) .11
15" FL(Out)=1367.~~60~~(W) .05
1-8" Stub=~~1368.20~~(S)

91.19 L.F. 15" RCP @ 0.50%
.92

Sta. 3+39.54 Line 1
B.L. Sta. 12+46.57 527.58 Rt.
COW Single Area Inlet
w/18" Apron
Top=1371.8~~'~~6
15" FL(Out)=1368.~~06~~(E) 1367.89
1-8" Stub=~~1368.64~~

Prop. Bldg.
FF Elev.
1372.55

Exist. Bldg.

Broadway Re

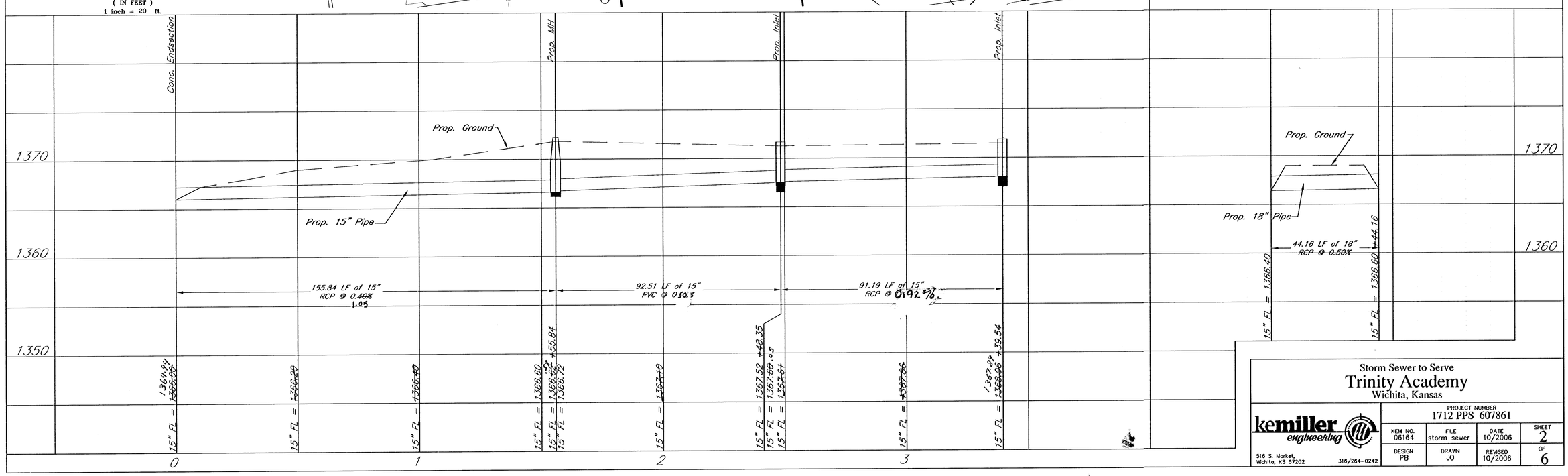
Vert. Scale
(IN FEET)
1 inch = 5 ft.

(IN FEET)
1 inch = 20 ft.

Sta. 0+00.00 Line 2
B.L. Sta. 13+95.99 830.10 Rt.
Construct Conc. Endsection
FL 18" (Out)=1366.40

44.16 L.F. 18" RCP @ 0.50%

Sta. 0+44.16 Line 2
B.L. Sta. 13+74.74 806.17 Rt.
Construct Conc. Endsection
FL 18" (Out)=1366.60



Storm Sewer to Serve
Trinity Academy
Wichita, Kansas

PROJECT NUMBER
1712 PPS 607861

kemiller engineering
516 S. Market, Wichita, KS 67202 316/264-0242

KEM NO.	FILE	DATE	SHEET
06164	storm sewer	10/2006	2
DESIGN	DRAWN	REVISED	OF
PB	JO	10/2006	6