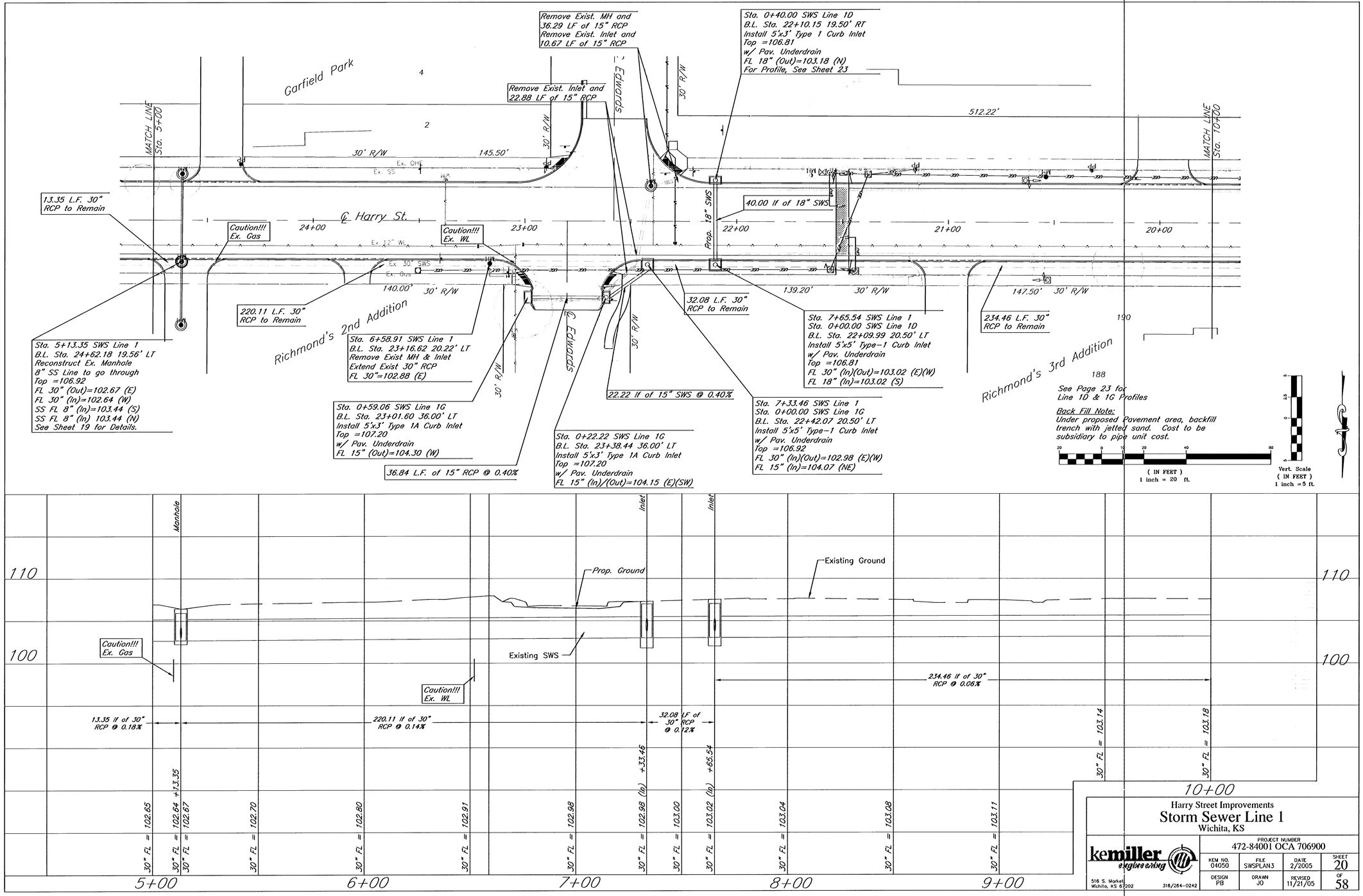


Remove Exist. MH and 36.29 LF of 15" RCP
Remove Exist. Inlet and 10.67 LF of 15" RCP

Remove Exist. Inlet and 22.88 LF of 15" RCP

Sta. 0+40.00 SWS Line 1D
B.L. Sta. 22+10.15 19.50' RT
Install 5'x3' Type 1 Curb Inlet
Top =106.81
w/ Pav. Underdrain
FL 18" (Out)=103.18 (N)
For Profile, See Sheet 23

13.35 L.F. 30" RCP to Remain

Caution!!! Ex. Gas

Caution!!! Ex. WL

40.00 lf of 18" SWS

220.11 L.F. 30" RCP to Remain

32.08 L.F. 30" RCP to Remain

234.46 L.F. 30" RCP to Remain

Sta. 5+13.35 SWS Line 1
B.L. Sta. 24+62.18 19.56' LT
Reconstruct Ex. Manhole
8" SS Line to go through
Top =106.92
FL 30" (Out)=102.67 (E)
FL 30" (In)=102.64 (W)
SS FL 8" (In)=103.44 (S)
SS FL 8" (In) 103.44 (N)
See Sheet 19 for Details.

Sta. 6+58.91 SWS Line 1
B.L. Sta. 23+16.62 20.22' LT
Remove Exist MH & Inlet
Extend Exist 30" RCP
FL 30"=102.88 (E)

Sta. 7+65.54 SWS Line 1
Sta. 0+00.00 SWS Line 1D
B.L. Sta. 22+09.99 20.50' LT
Install 5'x5' Type-1 Curb Inlet
w/ Pav. Underdrain
Top =106.81
FL 30" (In)(Out)=103.02 (E)(W)
FL 18" (In)=103.02 (S)

Sta. 0+59.06 SWS Line 1G
B.L. Sta. 23+01.60 36.00' LT
Install 5'x3' Type 1A Curb Inlet
Top =107.20
w/ Pav. Underdrain
FL 15" (Out)=104.30 (W)

22.22 lf of 15" SWS @ 0.40%

Sta. 7+33.46 SWS Line 1
Sta. 0+00.00 SWS Line 1G
B.L. Sta. 22+42.07 20.50' LT
Install 5'x5' Type-1 Curb Inlet
w/ Pav. Underdrain
Top =106.92
FL 30" (In)(Out)=102.98 (E)(W)
FL 15" (In)=104.07 (NE)

36.84 L.F. of 15" RCP @ 0.40%

Sta. 0+22.22 SWS Line 1G
B.L. Sta. 23+38.44 36.00' LT
Install 5'x3' Type 1A Curb Inlet
Top =107.20
w/ Pav. Underdrain
FL 15" (In)/(Out)=104.15 (E)(SW)

See Page 23 for Line 1D & 1G Profiles

Back Fill Note:
Under proposed Pavement area, backfill trench with jetted sand. Cost to be subsidiary to pipe unit cost.

13.35 lf of 30" RCP @ 0.18%
220.11 lf of 30" RCP @ 0.14%
32.08 LF of 30" RCP @ 0.12%
234.46 lf of 30" RCP @ 0.08%

30" FL = 102.65
30" FL = 102.64 +13.35
30" FL = 102.67
30" FL = 102.70
30" FL = 102.80
30" FL = 102.91
30" FL = 102.98
30" FL = 102.98 (In) +33.46
30" FL = 103.00
30" FL = 103.02 (In) +65.54
30" FL = 103.04
30" FL = 103.08
30" FL = 103.11
30" FL = 103.14
30" FL = 103.18

(IN FEET)
1 inch = 20 ft.

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

Harry Street Improvements
Storm Sewer Line 1
Wichita, KS

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

PROJECT NUMBER
472-84001 OCA 706900

KEM NO.	FILE	DATE	SHEET
04050	SWSPLAN3	2/2005	20
DESIGN	DRAWN	REVISED	OF
PB	JO	11/21/05	58