BENCHMARKS:
BM #1: "□" CL face of catch basin, west side of Lot 4, Block 5, Falcon Falls Addition. Elev. = 1352.47 MSL

BM #2: "□" south end of the south curb return at Kite and Peregrine, Falcon Falls Addition. Elev. = 1359.85 MSL

Sta 0+75.0, Line 4
Construct std. shallow manhole (6' dia.).
1 – 36" Stub (SW)
Top Elev. = 1353.50

Sta 0+00, Begin Line 4
1 – 36" RC Headwall
28.7 S.Y. heavy stone rip-rap.

Sta 2+92.6, End Line 4
Construct std. type 1A curb inlet (5'x3').
Top Elev. = 1359.50

CAUTION! Ex. 8" SS Crossing

CAUTION! Ex. 8" Wtr Crossing

Ex. 8" SS

Ex. 8" W

Drng. & Util. Esmt.

20' Drng. & Ped. Acc. Esmt.

LINE 4

RESERVE "B"

FALCON FALLS 2ND ADDITION (A)

KITE CT.

Proposed Pvm't

R=50' R/W

R=35' (F.C.)

R=38.15'

64.92'

52.61'

49.15'

76.06'

130°15'31"

94°27'23"

135.34'

57' Min.

1355

1350

1345

1340

1346 = Water Surface Elev.

74.07'

Existing Pond

12'

Scale: 1" = 20' Horizontal
1" = 5' Vertical
• = Iron

FALCON FALLS 2ND ADDITION (C)

Install hay bale barrier per detail, sheet 25.

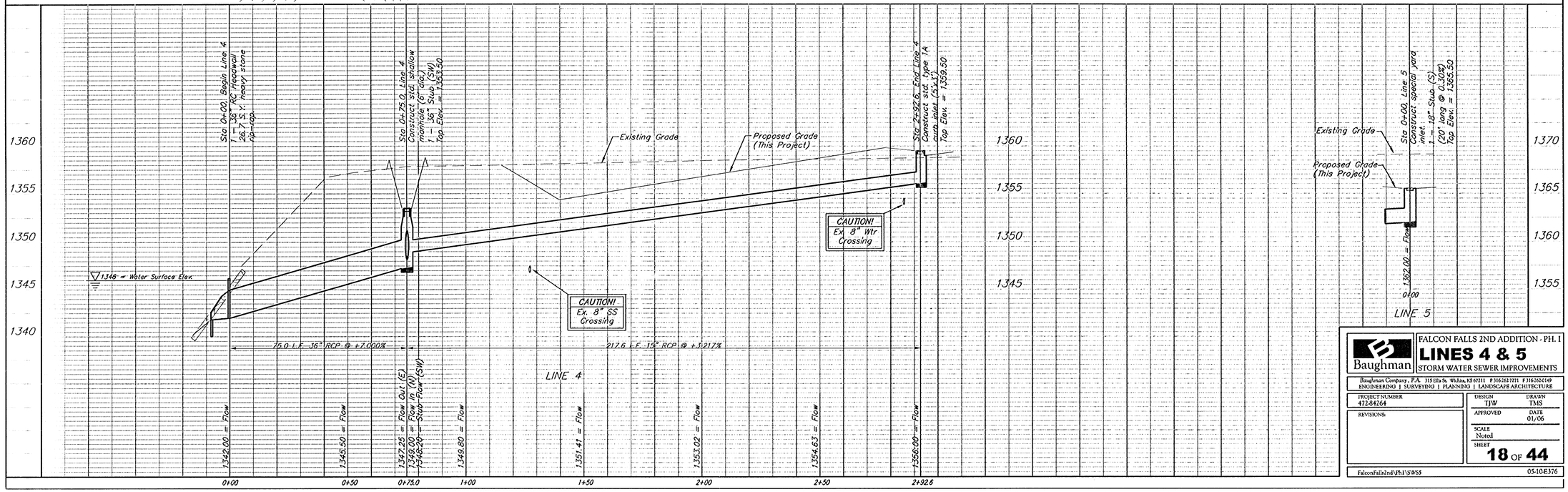
20' Drng. & Util. Esmt.

56.44'

Sta 0+00, Line 5
Construct special yard inlet.*
1 – 18" Stub (S)
(20' long @ 0.30%)
Top Elev. = 1365.50

*Contractor shall plug inlet to prevent water from entering inlet. Cover top with plywood & hay bales.

Contractor to ditch ~350' east to ensure positive drainage, see mass grading plan, sheet 29.



Baughman

FALCON FALLS 2ND ADDITION - PH. I

LINES 4 & 5

STORM WATER SEWER IMPROVEMENTS

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.262.2221 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER	DESIGN	DRAWN
472-84264	TJW	TMS
REVISIONS:	APPROVED	DATE
		01/06
	SCALE	
	Noted	
	SHEET	
	18 OF 44	

FalconFalls2nd\Ph1\SWS5 05-10-EJ76