

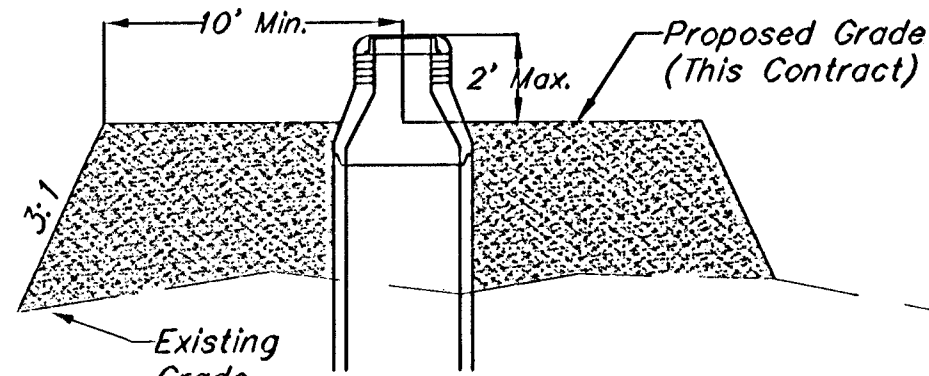
BENCHMARKS

BM #1: Brass Plate on North Hub Guard of R.C.B.C., 50' East of NW Corner NE 1/2, Sec. 22, Twp. 26-S, R-1-E.
Elev. = 1371.83 (NGVD29)

BM #2: "X" cut on East Hub Guard of R.C.B.C., 110' S. of the SE Cor., SE 1/4, Sec. 22, Twp. 26-S, R-1-E.
Elev. = 1359.54 (NGVD29)

Sta 0+00, Begin Line 1
Core into existing manhole and extend 10" pipe north west. Seal & grout around pipe and reshape invert. Cost to be incidental to "Site Clearing & Restoration" bid item.

Contractor to fill within 2' of Manhole Top and for 10' around Manhole and sewer line, grading back to existing ground at a 3:1 slope. Cost to be included in "Site Clearing & Restoration" bid item.



Fill Detail
Not to Scale

Sta 2+04.8, Line 1
Construct Std. Manhole (5' Dia)
1 - 8" Stub (SW)
Top Elev. = 1350.40

SEWER SERVICE TABLE

NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY		
		LOT NO.	BLOCK NO.	LINE NO.	STATION\ DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL	HORIZONTAL
1	10" x 4" Tee Saddle	5	C	1	1+60/Rt.	14.5'	5'	
2	4" x 4" Tee Saddle	6	C	1	2+75/Rt.	15.5'	10'	
3	10" x 4" Tee Saddle	7	C	1	3+52/Rt.	18.0'	10'	

NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.

Sta 5+06.6, Line 1
Construct Std. Manhole (5' Dia)
1 - 4" Stub (NE)
Top Elev. = 1352.30

SEWER SERVICE TABLE

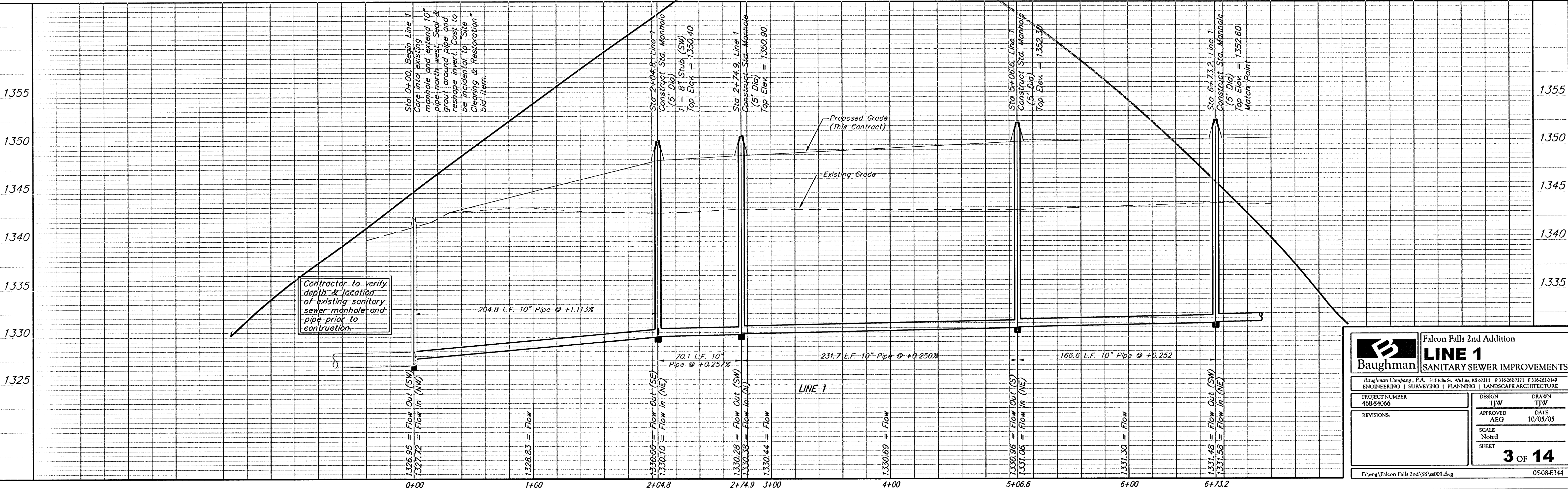
NUMBER	TYPE	LOCATION				FOR INFORMATION ONLY		
		LOT NO.	BLOCK NO.	LINE NO.	STATION\ DIRECTION	APPROXIMATE LENGTH 4" PIPE	VERTICAL	HORIZONTAL
4	10" x 4" Tee Saddle	8	C	1	4+32/Rt.	16.0'	10'	
5	4" x 4" Tee Saddle	9	C	1	5+07/Rt.	16.5'	15'	
6	10" x 4" Tee Saddle	10	C	1	5+97/Rt.	16.0'	4'	

NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.

Scale: 1" = 40' Horizontal
1" = 5' Vertical
• = Iron

Remove trees only as necessary for sanitary sewer construction and only with permission of Developer or Baughman Co. Cost of removal to be incidental to lump sum bid item. "Site Clearing & Restoration".

All excavation for Line 1, from Station 2+04.8 to Station 6+73.2, shall be sand backfilled to within two feet of existing grade. The sand shall be vibrated and water jetted during backfilling. Cost shall be incidental to pipe cost.





Falcon Falls 2nd Addition

LINE 1

SANITARY SEWER IMPROVEMENTS

Baughman Company, P.A. 315 8th St. Wadena, MN 56781 P: 316-268-7171 F: 316-268-7149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 468-84066	DESIGN TIW	DRAWN TIW
REVISIONS:	APPROVED AEG	DATE 10/05/05
SCALE Noted		SHEET 3 OF 14

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