

BENCHMARKS:
 Chiseled square cut on top of headwall of R.C.B.C., 31.1' southeast of the most southerly corner of Lot 1, Block A & 36.6' northeast of the northeast corner of Reserve "C".
 Elev. = 1349.83 NAVD88

Chiseled square cut on top of curb at west end of median, 89.6' south-southwest of the southwest corner of Lot 17, Block A & 86.2' south-southeast of the southeast corner of Lot 31, Block A.
 Elev. = 1348.62 NAVD88

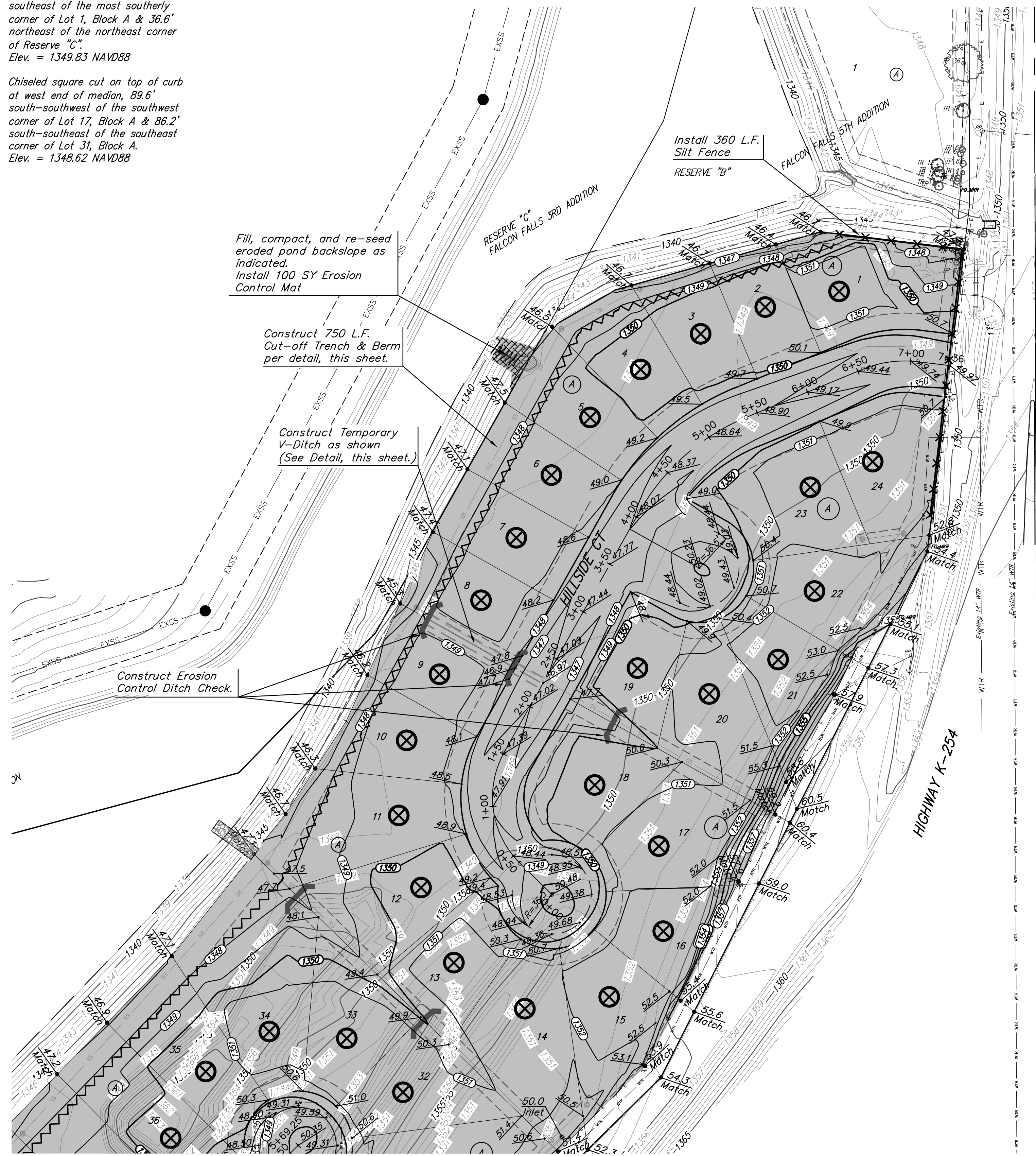
Fill, compact, and re-seed eroded pond backslope as indicated. Install 100 SY Erosion Control Mat

Construct 750 L.F. Cut-off Trench & Berm per detail, this sheet.

Construct Temporary V-Ditch as shown (See Detail, this sheet.)

Construct Erosion Control Ditch Check.

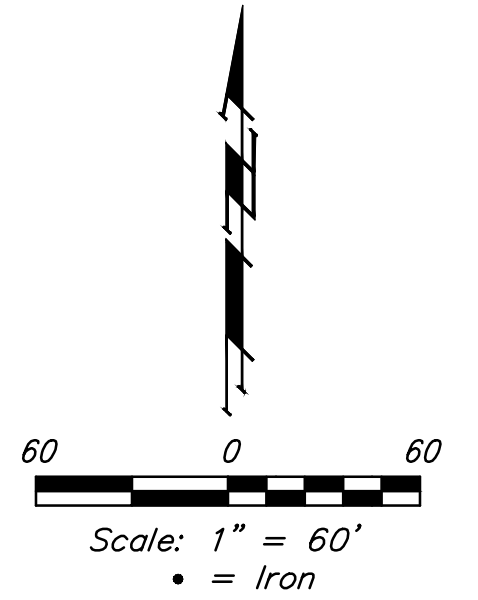
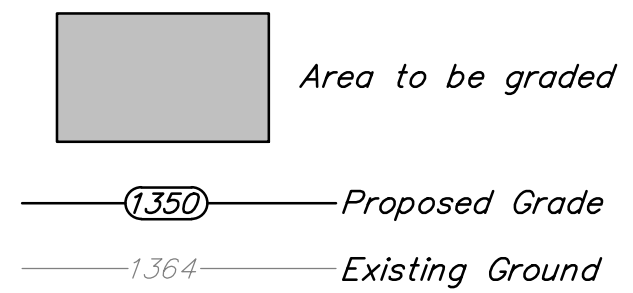
Install 360 L.F. Silt Fence RESERVE "B"



COMPACTION TESTING TABLE

Lot	Block	Location		Pad Elev.	Over Excavation Elev.	Compaction % and Test Elevation				
		Northing	Eastng			1348	1349	1350	1351	1352
1	A	6198.10	9849.37	1351.20	----					X
2	A	6183.75	9781.50	1350.80	----	X				X
3	A	6159.09	9722.06	1350.50	----				X	X
4	A	6126.36	9666.89	1350.20	----				X	X
5	A	6082.20	9620.37	1349.90	----			X	X	X
6	A	6029.20	9584.82	1349.50	----			X	X	X
7	A	5971.67	9552.46	1349.20	----			X	X	X
8	A	5914.15	9520.10	1349.00	----			X	X	X
9	A	5846.17	9481.85	1349.00	----			X	X	X
10	A	5785.38	9451.71	1349.30	----			X	X	X
11	A	5716.36	9444.35	1349.60	----			X	X	X
12	A	5650.05	9464.86	1350.20	----				X	X
13	A	5581.08	9495.04	1351.00	1349.00	X				X
14	A	5538.61	9560.42	1351.70	1350.00	X	X			X
15	A	5549.52	9637.94	1352.50	----	X	X	X	X	
16	A	5609.94	9687.73	1352.50	----	X	X	X	X	
17	A	5688.11	9683.62	1351.70	----	X	X	X		X
18	A	5744.31	9624.54	1350.50	----	X			X	X
19	A	5851.80	9664.01	1350.50	----	X			X	X
20	A	5828.07	9729.87	1351.50	----	X	X			X
21	A	5859.61	9793.31	1352.50	----	X	X	X		
22	A	5922.67	9826.81	1352.50	----	X	X	X		
23	A	6018.03	9822.92	1351.50	----	X				X
24	A	6041.65	9880.24	1351.40	----	X	X			X
25	A	5108.32	9166.94	1348.50	----		X	X	X	X
26	A	5160.30	9219.61	1348.50	----		X	X	X	X
27	A	5206.66	9266.59	1349.00	----			X	X	X
28	A	5253.02	9313.56	1349.50	----				X	X
29	A	5299.38	9360.54	1350.00	1349.50				X	X
30	A	5328.77	9423.26	1350.50	1349.00	X			X	X
31	A	5390.84	9457.59	1351.20	1349.00	X			X	X
32	A	5461.85	9448.27	1351.70	1349.00	X			X	X
33	A	5511.42	9396.57	1351.60	1348.50	X				X
34	A	5517.75	9325.23	1351.20	1348.00					X
35	A	5480.93	9266.89	1350.50	1348.00					X
36	A	5419.62	9234.67	1350.00	1348.00				X	X
37	A	5373.26	9187.69	1349.50	1348.00			X	X	X
38	A	5326.90	9140.71	1349.00	----			X	X	X
39	A	5280.54	9093.74	1348.70	----		X	X	X	X
40	A	5228.56	9041.07	1348.70	----		X	X	X	X
41	A	5182.20	8994.09	1350.00	----				X	X
42	A	5133.23	8949.69	1350.50	----	X			X	X

Std. Proctor Density Test Result to be entered into chart above
 X - Compaction Test not Required at this elevation



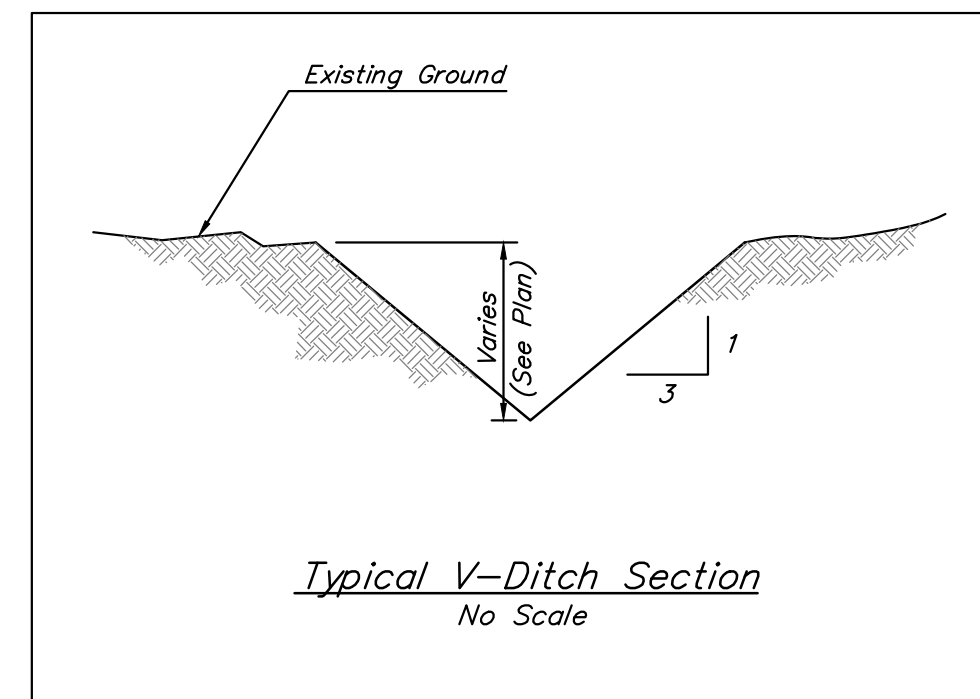
NOTES:
 Contractor shall make sure all erosion control is in place before project is accepted. This plan represents the minimum standard. Any additional erosion control measures shall be installed by the Contractor as needed.

All areas disturbed during construction shall be seeded, mulched, and fertilized as per Cover Sheet General Notes.

MASS GRADING GENERAL NOTES:

Excess material shall remain on-site and be spread evenly on lots out of easements and right-of-ways. Earthwork quantities are unadjusted and are for reference only. All cost associated with mass grading including, but not limited to: lot fill, street fill, mass grading, compaction, and compaction testing shall be incidental to lump sum bid item "Grading, Mass".

- Contractor to strip top 4-6" of soil within street right-of-way and proposed compaction areas. Topsoil may be spread in areas not under proposed pavement and on lots above compaction testing elevation.
- Over-excavation of stockpiles will be required to properly compact existing material for street construction and for building pads. Over-excavation quantities are not included in earthwork totals shown on this sheet. See table on this sheet for required over-excavation elevation.
- Compaction of 95% Std. Proctor Density shall be obtained in all street R/W's and within specified lots up to the plan elevations as shown. Compaction testing shall be performed at one location in each lot and for each foot of compacted fill placed up to the elevation listed on this sheet. All compaction test results shall be submitted to the design Engineer along with the completed compaction testing table shown on this sheet.
- It shall be the Contractor's responsibility to protect existing utilities during mass grading. Any damage done to these systems by Contractor or Subcontractor shall be repaired at no additional cost to the project.
- All areas disturbed by construction shall be seeded per Cover Sheet General Notes.



Storm Water Certification:
 These construction plans were prepared in accordance with the current Storm Water Management Regulations as set forth in the City of Wichita's Storm Water Management Ordinance 16.32 and the policies/guidelines presented in the Wichita/Sedgwick County Storm Water Manual.
 Disturbed Area = 13.7 ac.
 Water Quality Treatment: Provided by pond
 Downstream Channel Protection: Provided by pond

EARTH WORK TOTALS (Unadjusted)

	C.Y. EXCAVATION	C.Y. FILL
Total Mass Grading	14,332	13,611

Earthwork Quantities reflect the best available topography. The Contractor shall satisfy himself with the earthwork quantities as bid for L.S. bid item "Grading, Mass" prior to bidding. No additional payments or change orders for earthwork will be accepted.

⊗ Compaction Testing Location

Grade points around cul-de-sacs are located at 1' behind back of curb.



Baughman Falcon Falls 6th Addition
Mass Grading & Erosion Control Storm Water Drain Improvements

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 468-85186	DESIGN AEG	DRAWN JAK
REVISIONS:	APPROVED	DATE 7/06/15
	SCALE Noted	SHEET

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