

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

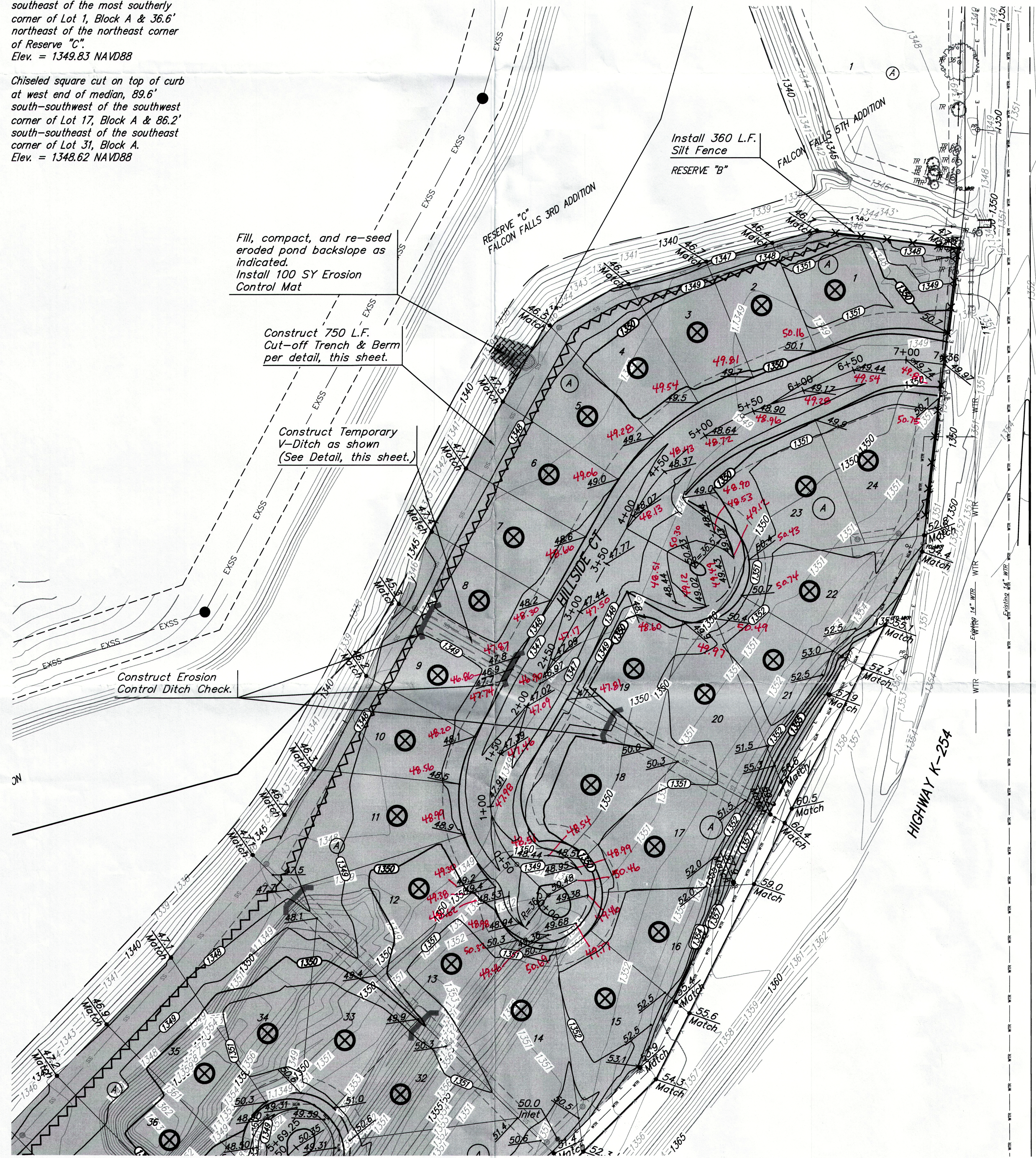
Fill, compact, and re-seed eroded pond backslope as indicated.
Install 100 SY Erosion Control Mat

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.

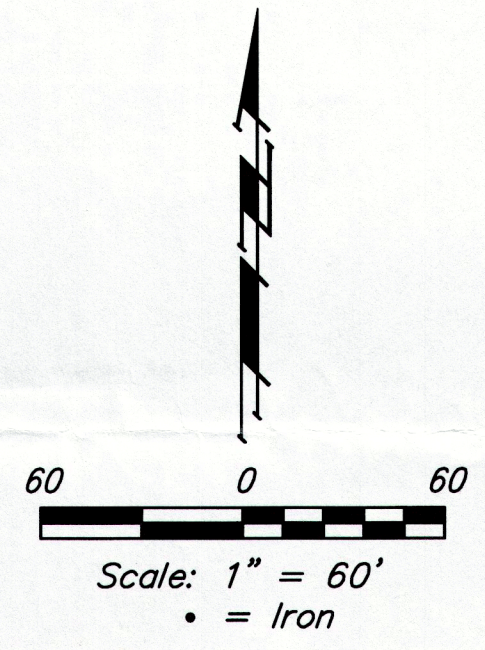
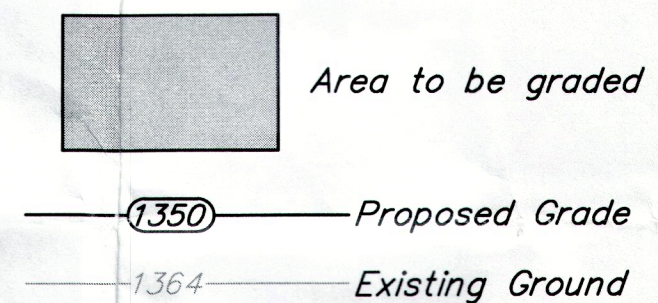
Install 360 L.F. Silt Fence RESERVE "B"



COMPACTION TESTING TABLE

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

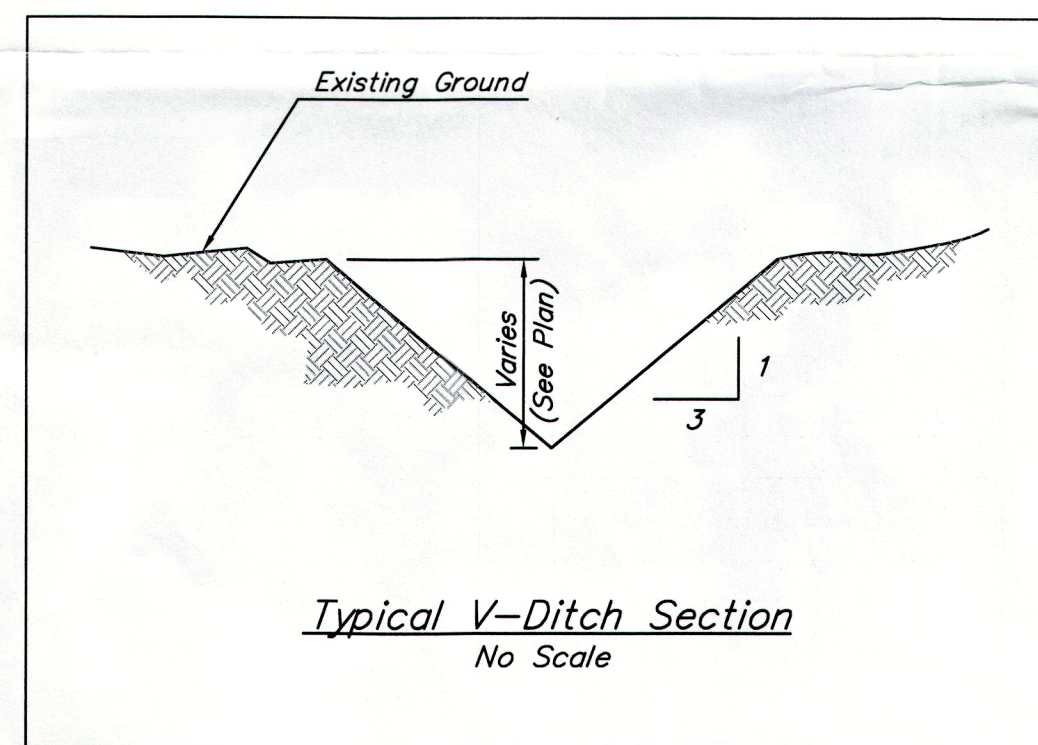
Excess material shall remain on-site and be spread evenly on lots out of easements and right-of-ways. Earthwork quantities are unadjusted and are for reference only. All cost associated with mass grading including, but not limited to; lot fill, street fill, mass grading, compaction, and compaction testing 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.
- Compaction of 95% Std. Proctor Density shall be obtained in all street R/W's and within specified lots up to the elevation as shown. Compaction of 90% is allowed in all other areas and above the lot fill compaction elevation listed below. Compaction testing shall be performed at one location in each lot and for each foot of compacted fill placed up to the elevation listed below. All compaction test results shall be submitted to the design Engineer along with the completed compaction testing table below.

95% Lot Compaction: Up To Elev.

Lot 1, Block A	1351.20
Lot 2, Block A	1350.80
Lot 3, Block A	1350.50
Lot 4, Block A	1350.20
Lot 5, Block A	1349.80
Lot 6, Block A	1349.50
Lot 7, Block A	1349.20
Lots 8 & 9, Block A	1349.00
Lot 10, Block A	1349.30
Lot 11, Block A	1349.60
Lot 12, Block A	1350.20
Lot 13, Block A	1351.00
Lot 14, Block A	1351.70
Lots 15 & 16, Block A	1352.50
Lot 17, Block A	1351.70
Lots 18 & 19, Block A	1350.50
Lot 20, Block A	1351.50
Lots 21 & 22, Block A	1352.50
Lot 23, Block A	1351.50
Lot 24, Block A	1351.40
Lots 25 & 26, Block A	1348.50
Lot 27, Block A	1349.00
Lot 28, Block A	1349.50
Lot 29, Block A	1350.00
Lot 30, Block A	1350.50
Lot 31, Block A	1351.20
Lot 32, Block A	1351.70
Lot 33, Block A	1351.60
Lot 34, Block A	1351.20
Lot 35, Block A	1350.50
Lot 36, Block A	1350.00
Lot 37, Block A	1349.50
Lot 38, Block A	1349.00
Lots 39 & 40, Block A	1348.70
Lot 41, Block A	1350.00
Lot 42, Block A	1350.50

- 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 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 468-85186	DESIGN AEG	DRAWN JAK
REVISIONS:	APPROVED	DATE 7/06/15
	SCALE Noted	SHEET 3 OF 11

\\Projects\Falcon Falls 5th_1402-P019\Engineering\Phase 1\SWD_1505E21\SWD_PLAN.dwg