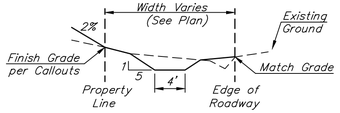
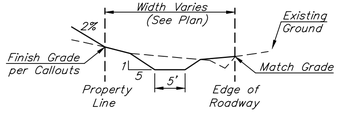
BENCHMARKS:
disk adjacent to fire hydrant in SW corner of Lot 22 BLK A. Edgewater 3rd Addition
Elev. = 1337.95 NGVD29

rail road spike in N face of power pole E of Lot 3 BLK A. Edgewater 4th Addition
Elev. = 1336.93 NGVD29



TYPICAL SECTION
SECTION A–A



TYPICAL SECTION
SECTION B–B

EROSION CONTROL MEASURE	INSTALL	MAINTAIN
BACK OF CURB PROTECTION (LF)	0	0
DITCH CHECK (EA)	4	1
CONSTRUCTION ENTRANCE (EA)	0	1
CURB INLET BARRIER (EA)	4	0
CUT–OFF TRENCH (LF)	0	0
DROP INLET PROTECTION (EA)	0	0
SILT FENCE (LF)	1384	96
EROSION CONTROL MAT (SY)	0	0
MAINTAIN EROSION CONTROL BMP's (LS)	0	0
STRAW WATTLE (LF)	90	0

* ALL EXISTING BMPs INCLUDING CONSTRUCTION ENTRANCE, SEDIMENT BARRIERS, SILT FENCE, CUT–OFF TRENCH, AND EROSION CONTROL MAT SHALL BE MAINTAINED AND REPAIRED IF NECESSARY.

EROSION CONTROL PLAN LEGEND

– CURB INLET PROTECTION

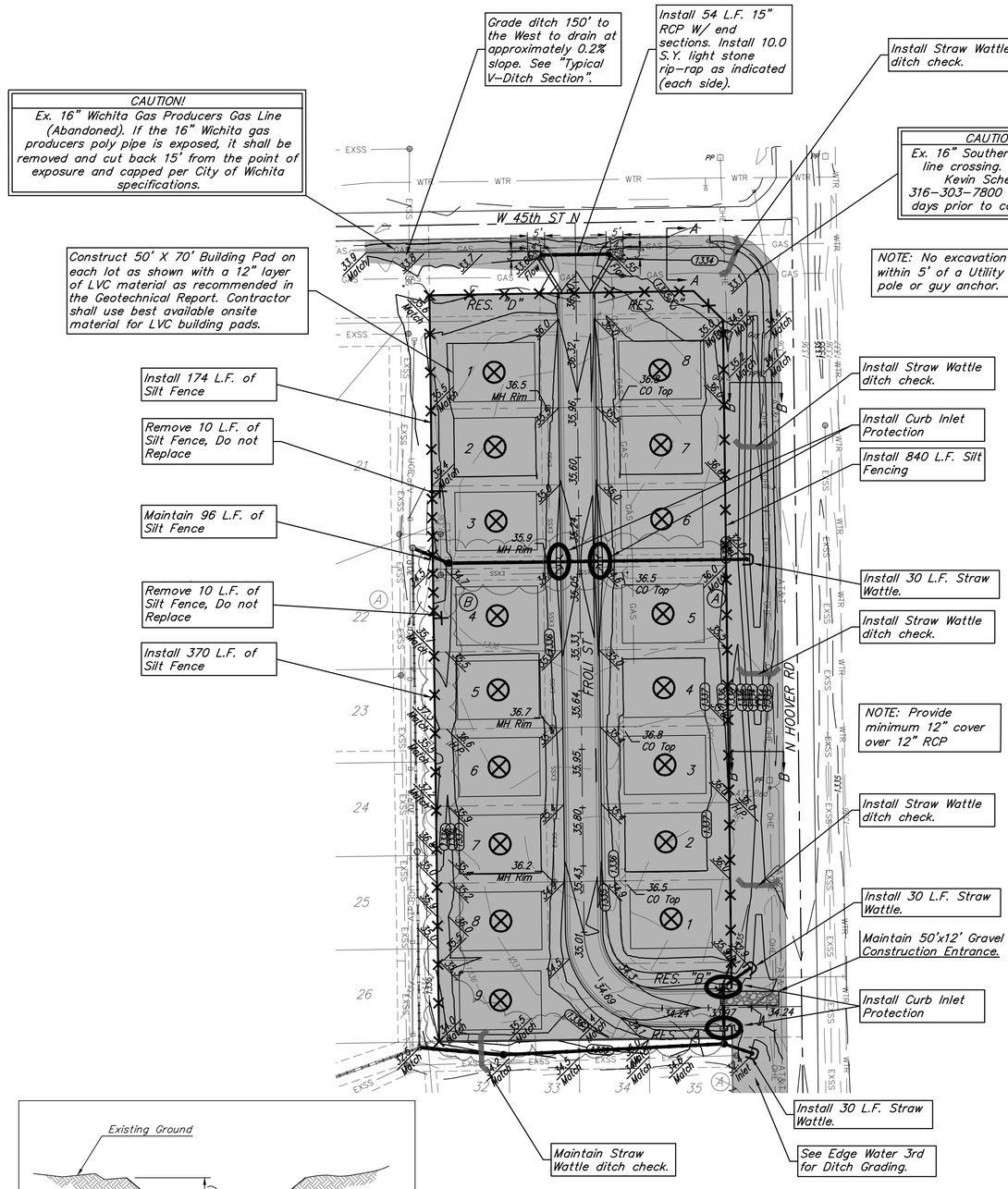
– DITCH CHECKS

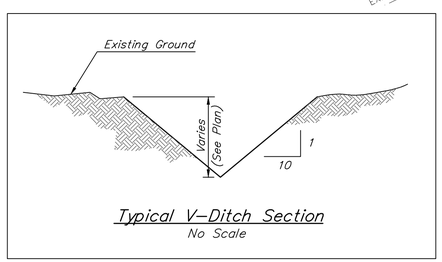
– SILT FENCING

COMPACTION TESTING TABLE

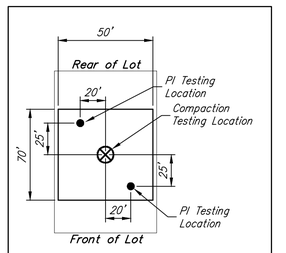
Lot	Location		Pad Elev.	Compaction % and Test Elevation			
	Northing	Easting		1335	1336	1337	1338
1A	34520.26	50450.88	1336.7	X		X	X
2A	34586.21	50446.37	1337.0	X			X
3A	34652.20	50445.53	1337.3	X			X
4A	34718.20	50444.69	1337.0	X			X
5A	34781.69	50443.89	1336.8	X		X	X
6A	34862.68	50442.86	1336.8	X		X	X
7A	34926.18	50442.05	1337.0	X			X
8A	34990.27	50441.24	1337.3	X			X
1B	34988.46	50299.25	1337.3	X			X
2B	34924.37	50300.06	1337.0	X			X
3B	34860.88	50300.87	1336.8	X		X	X
4B	34779.89	50301.90	1336.8	X		X	X
5B	34716.39	50302.71	1337.1	X			X
6B	34650.40	50303.54	1337.5	X			X
7B	34584.40	50304.38	1337.0	X			X
8B	34518.40	50305.00	1336.7	X		X	X
9B	34450.49	50304.68	1336.5	X		X	X

X = No Testing Required



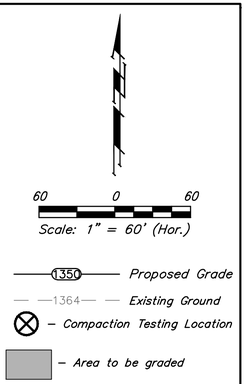


Typical V–Ditch Section
No Scale



BUILDING PAD DETAIL

Note: Construct 12" layer of LVC material. Contractor to use best available on–site material. See Compaction Testing Table.



The Contractor shall be responsible to collect soil samples from two locations within each lot. The soil samples are to come from the diagonal corners of the building pads as shown on this sheet. The samples shall be collected at a depth of 18" below the pad elevation listed on this sheet. Each soil sample shall be approximately 8 oz. to 12 oz. in weight and sealed in a zip–lock plastic bag. The soil samples shall be used for Atterberg Limits testing (ASTM D4318, "Liquid Limit, Plastic Limit, and Plasticity Index of Soils") to determine the PI (Plasticity Index) of the sample. The Contractor shall deliver the soil samples to a licensed soils testing laboratory for Atterberg Limits testing. The test results shall be delivered to the Project Engineer as the tests are completed. The Contractor shall be responsible for all costs associated with collecting soil, refilling the test holes, labeling the soil samples, transporting the soils, costs of testing, and delivering the test results. All costs associated with the Atterberg Limits testing are to be included in the bid item, "Testing". There are 17 lots (1 building pad per lot) to be tested at two location for a total of 34 tests.

Mass Grading General Notes:

1. Earthwork quantities are unadjusted and are for reference only. All cost associated with mass grading shall be incidental to lump sum bid item "Grading, Mass".

2. This area of devolpment has had fill previously placed to an unknown state. Strip topsoil to a minimum of 4" or as deep as necessary to clear vegetation, roots, organic matter, etc.

3. Prior to the 12" thick LVC placement, the top 9" of the existing ground surface shall be scarified, moisture conditioned, and re–compacted. after compaction, the sub grade shall be proof rolled with a loaded tandem axle truck or equivalent. The compaction of the existing soil will be considered acceptable if no ruts greater than 1" deep appear behind the loaded vehicle, and no pumping or weaving is observed as wheels pass over areas. Any soft or unsuitable areas should be compacted or removed and replaced with stable fill material similar in composition to the surrounding soils.

4. Trees within the areas of building pad construction and street paving shall have root balls and organic material removed from the site. The root ball excavations must be filled and compacted with engineered fill meeting requirements herein.

5. Compaction of 95% Std. Proctor Density shall be obtained in all areas.

6. Moisture content of fill for Lots shall be between 0 and +4 percent of optimum.

7. 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.

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

9. Street elevations are top of of rock at centerline.

Existing Trees Shall be trimmed/removed ONLY with approval of the Developer. Trimming will be permitted only with chainsaws. Trees Not In Direct Conflict With Proposed New Construction Shall Remain And Be Protected From Damage. All Trimming or removal shall be Included in Bid Item "Site Clearing"

Baughman

Edge Water 4th Addition
Mass Grading
Storm Water Sewer 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

REVISIONS:

DESIGN AEG
DRAWN CDW
APPROVED
DATE 11/16/20
SCALE Noted
SHEET **4** OF **15**

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