

Benchmarks:

BM #1: Small RR spike in 2nd PP north of K-42 Highway, west side of Maize
Elev. = 143.61 (City Datum)

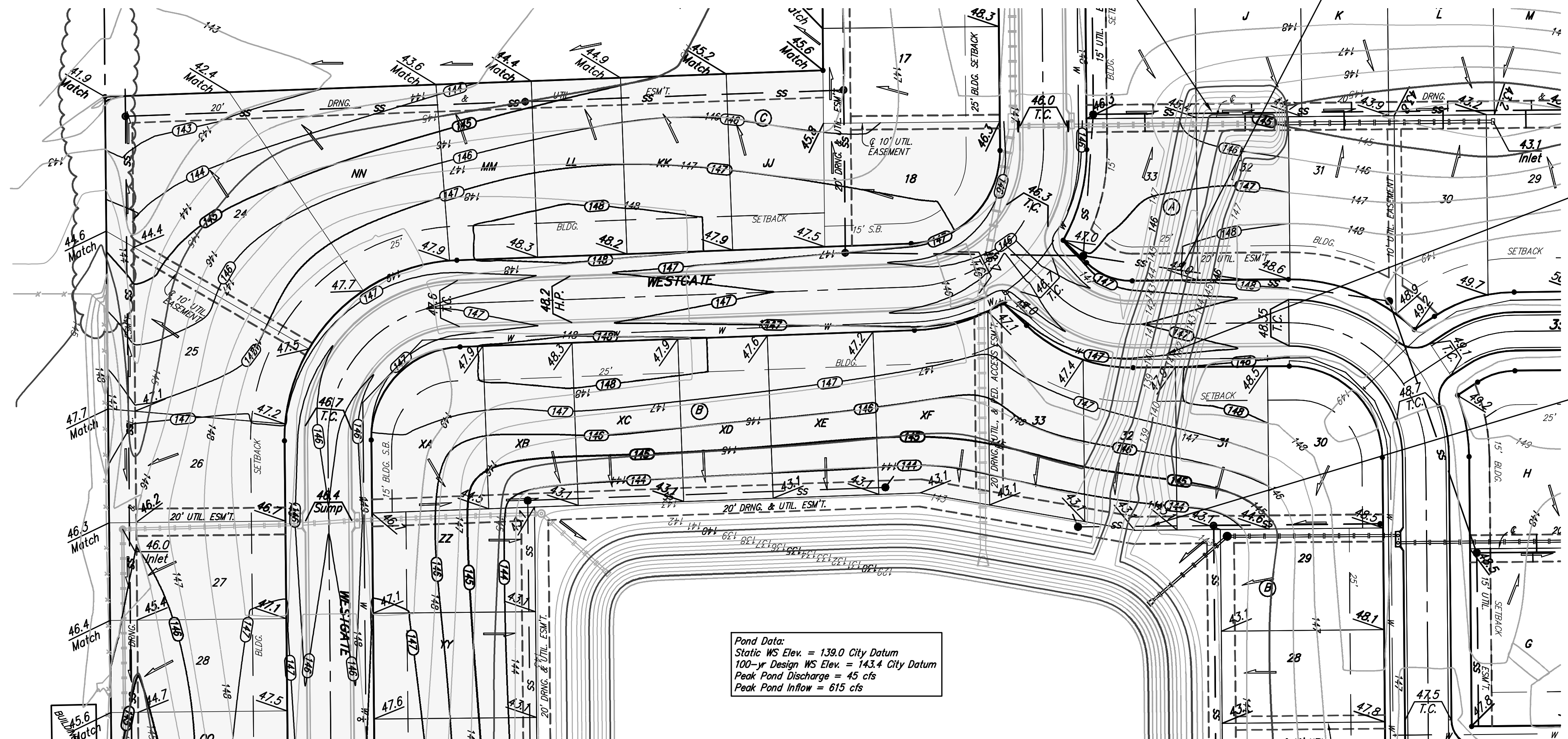
BM #2: Small RR spike in PP east of East 1/4 Corner (G)
Elev. = 147.00 (City Datum)

BM #3: "□" Top Headwall southeast corner K-42 Highway and Maize (County BM with City Datum)
Elev. = 144.04 (City Datum)

Existing 8" San. Sewer

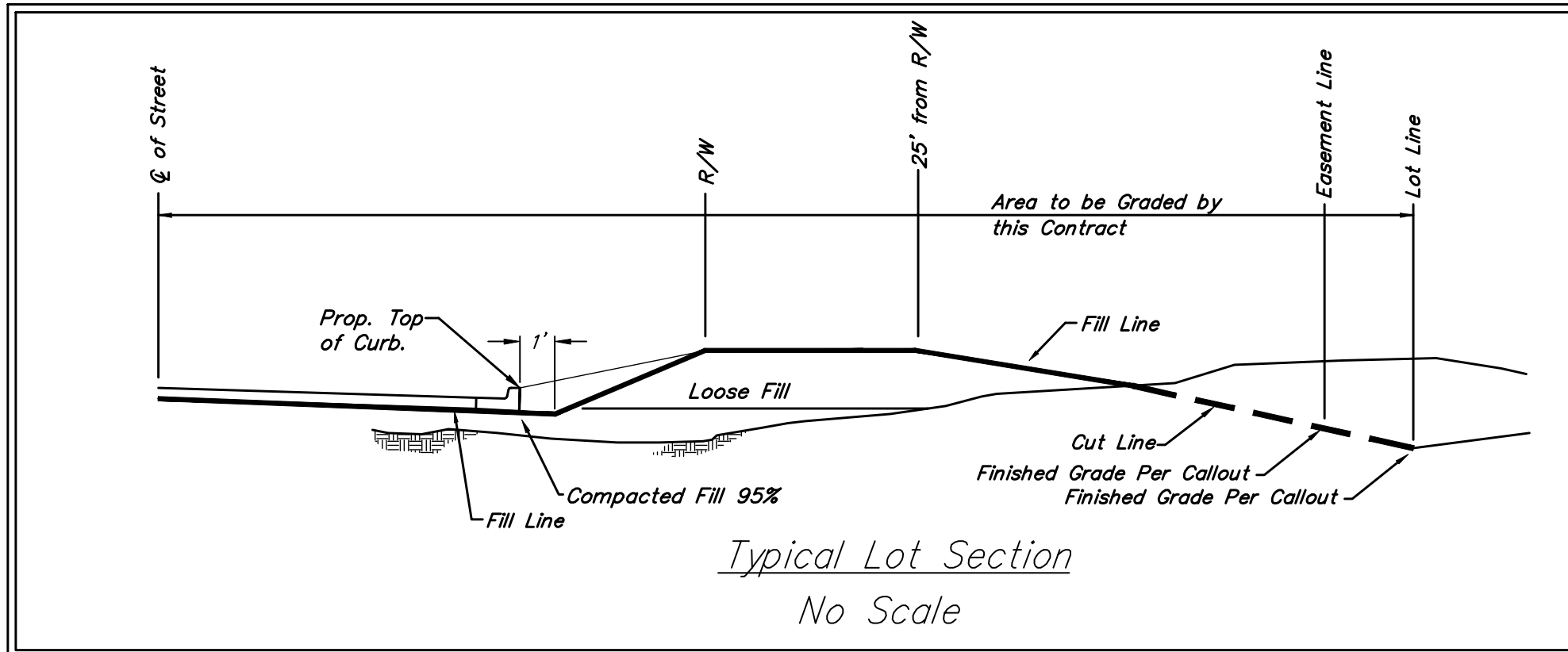
Existing Ditch to be filled in only after SWS Line 1 & SWS Line 1A are complete.

Scale: 1" = 60'



Contractor to grade along existing K-42 Drive. Cut small V-Ditch (6"-12" deep) along northerly edge of asphalt.

Pond Data:
State WS Elev. = 139.0 City Datum
100-yr Design WS Elev. = 143.4 City Datum
Peak Pond Discharge = 45 cfs
Peak Pond Inflow = 615 cfs



EARTH WORK TOTALS

| | C.Y. Excavation | C.Y. Fill | C.Y. Compacted Fill |
|---------------|-----------------|-----------|---------------------|
| Mass Grading | 9,088 | 3,950 | N/A |
| Street (R/W) | 4,633 | 251 | 690 |
| Project Total | 13,721 | 4,201 | 690 |

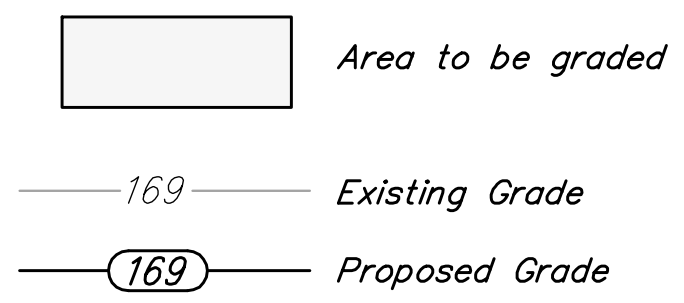
Earthwork quantities are unadjusted and are for reference only. All cost associated with mass grading shall be incidental to lump sum bid item "Mass Grading".

MASS GRADING GENERAL NOTES:
1. Compaction of 95% shall be obtained in all street R/W's, 90% in all other areas.

2. It shall be the Contractor's responsibility to protect any 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.

3. All existing concrete rubble, existing construction debris, and all other existing trash shall be removed by contractor immediately after the contract is accepted. This work shall be incidental to "Site Clearing & Restoration".

4. Excess Excavation and any remaining material in existing stockpile shall remain on site and be spread evenly on lots outside of street R/W's and back lot easements.



All areas disturbed by construction within easements are to be seeded and mulched as follows:
SEED -- Rye grass (PLS)--3#/1000 Sq. Ft. and Kansas Premium Fescue Blend; 3#/1000 Sq. Ft.
FERTILIZER -- 10-20-10 Ratio or 12-24-12 Ratio at 350 Lbs./Ac.
MULCH -- 2 Tons Prairie Hay / Acre

Baughman Harvest Ridge Addition - Phase II
Mass Grading

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 472-83805 | DESIGN MWS/JAK | DRAWN JAK |
| REVISIONS: | APPROVED MWS | DATE 4/12/06 |
| SCALE 1" = 60' | | SHEET 17 OF 34 |

Harvest Ridge\Phase 2\mass grade.dwg