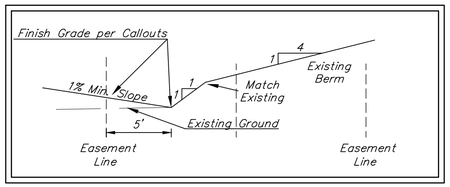
BENCHMARKS:
#1: "X" CUT CHISELED ON CURB INLET, 8.9' S. & 27.5' W. OF THE NW COR., LOT 22, BLOCK 1, QUAIL CROSSING ADDITION, PHASE 2. 22.3' EAST OF ℄ N. 159TH ST. E.
ELEV. = 1370.15 (NAVD88)

#2: "X" CUT CHISELED ON CURB INLET, 13.2' S. & 60.1' E. OF THE NE COR., LOT 2, BLOCK A, THE RANCH 2ND ADDITION. 24.9' WEST OF ℄ N. 159TH ST. E.
ELEV. = 1369.05 (NAVD88)



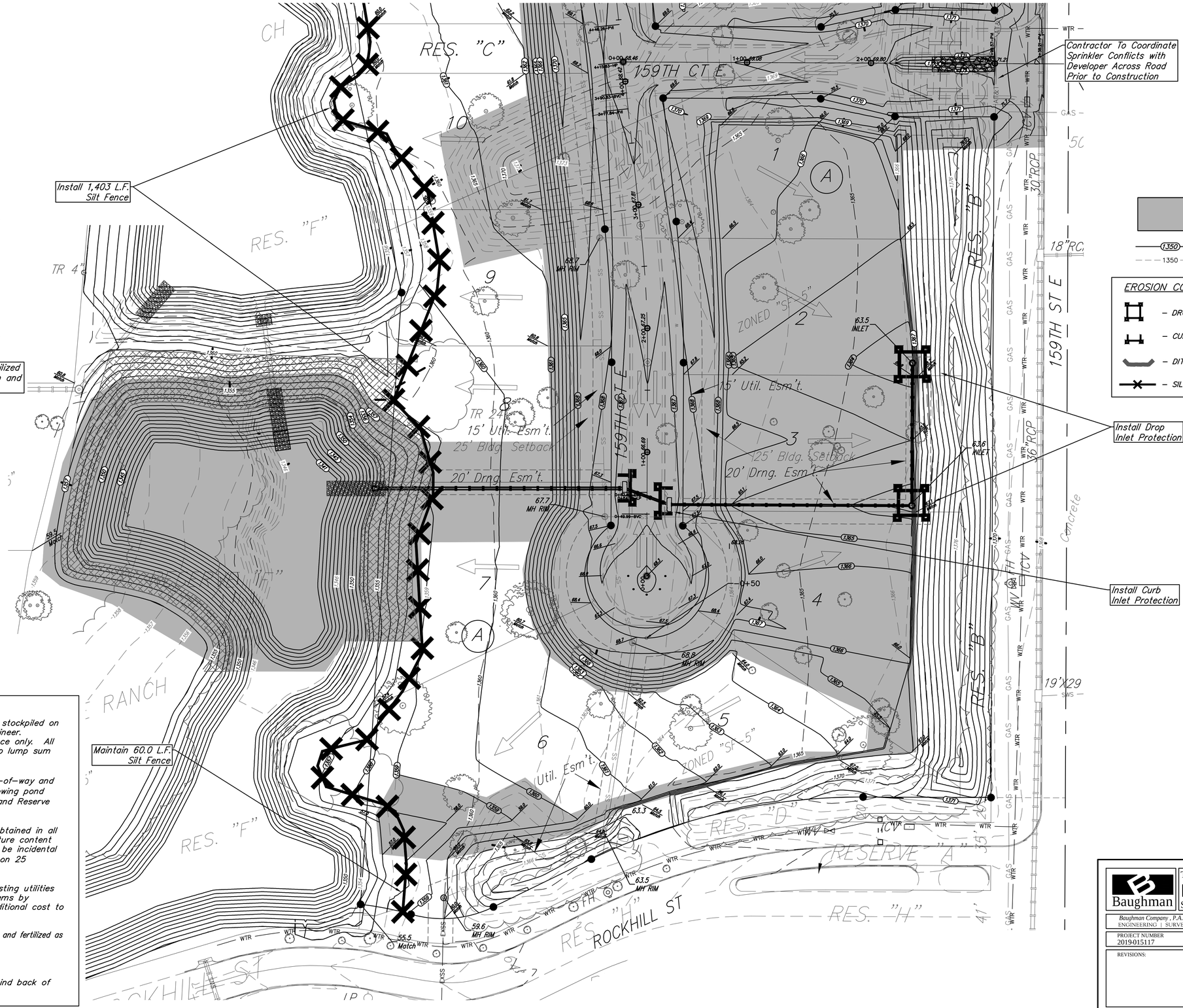
EROSION CONTROL MEASURE	INSTALL	MAINTAIN
CONSTRUCTION ENTRANCE (EA)	1	0
SILT FENCE (LF)	1,403	110
DITCH CHECKS (EA)	0	1
CURB INLET PROTECTION (EA)	4	0
DROP INLET PROTECTION (EA)	5	1
EROSION CONTROL MAT (SY)	5,144	0
MULCH WATTLE SED. BARRIER (LF)	0	0

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

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.

Mass Grading General Notes:

1. Excess material shall remain on-site and be spread or stockpiled on undeveloped areas of site to be determined by the Engineer. 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".
2. Contractor to strip top 4-6" of soil within street right-of-way and Reserve "D" and Reserve "F" before mass grading. Following pond construction, topsoil is to be spread over Reserve "D" and Reserve "F" above static water surface.
3. Compaction of 95% Standard Proctor Density shall be obtained in all areas. Fill shall be placed within +2% of optimum moisture content of the soil at the time of placement. All testing shall be incidental to Lump Sum bid item "Testing". Contractor shall plan on 25 compaction tests at 3 different mobilizations.
4. 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.
5. All areas disturbed during construction shall be seeded, mulched, and fertilized as per Cover Sheet General Notes.
6. Street elevations are top of dirt at centerline.
7. Grade points around cul-de-sacs are located at 1' behind back of proposed curb.



Baughman

The Ranch 2nd Addition

MASS GRADING

Stormwater 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	DESIGN	DRAWN
2019-015117	AEG	HJW
REVISIONS:	APPROVED	DATE
		10/07/19
	SCALE	
	Noted	
	SHEET	
	7 OF 20	

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