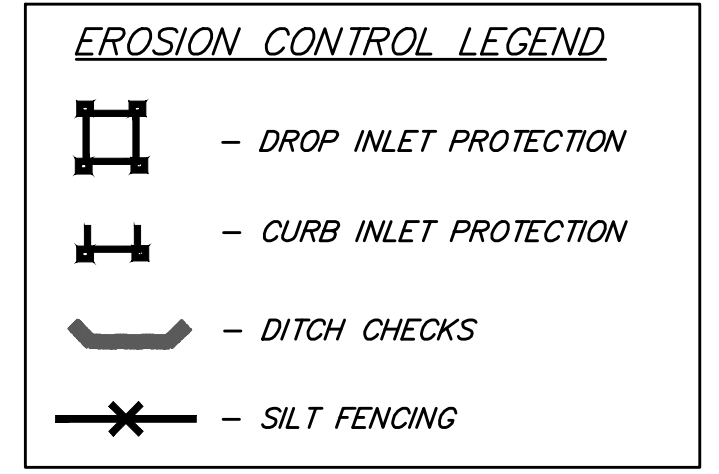
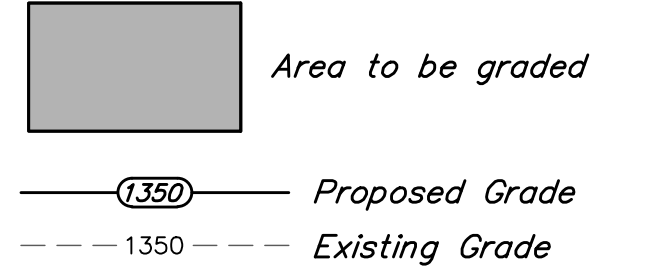
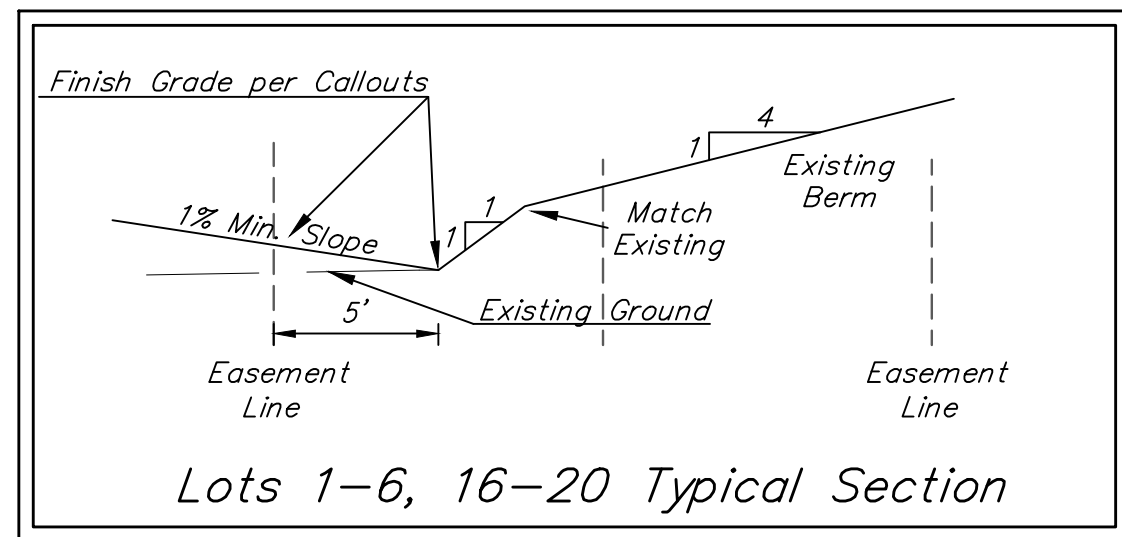
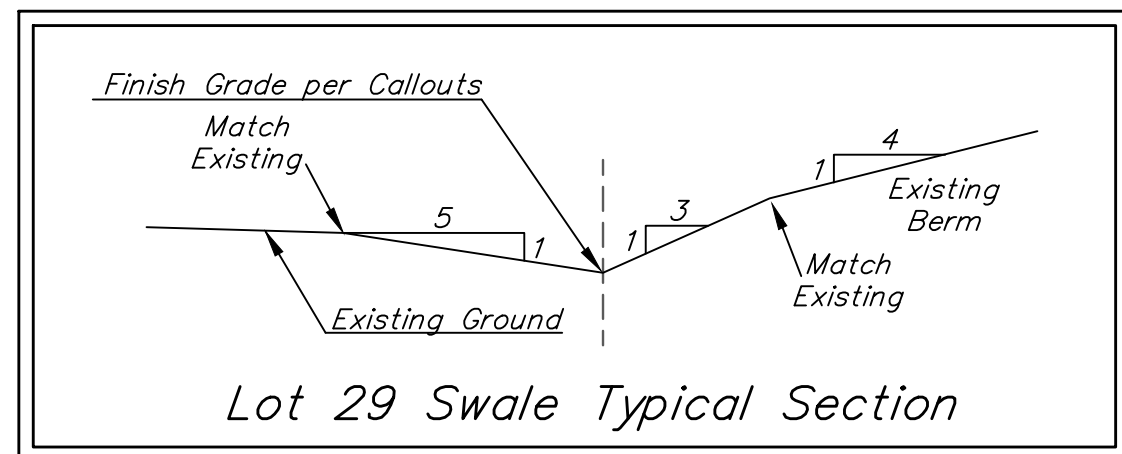
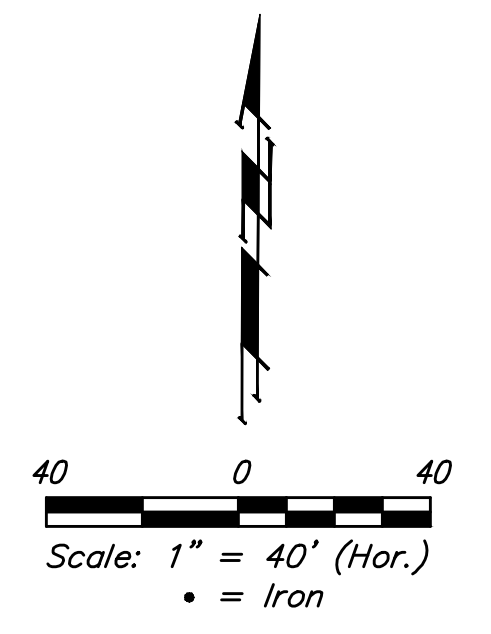


**BENCHMARKS:**  
 #1: "X" CUT CHISELED ON CURB INLET,  
 8.9' S. & 27.5' W. OF THE NW COR., LOT  
 22, BLOCK 1, QUAIL CROSSING ADDITION,  
 PHASE 2, 22.3' EAST OF @ N. 159TH ST. E.  
 ELEV. = 1370.15 (NAVD88)

#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)



Maintain 50.0 L.F. Silt Fence, Ditch Check, and Drop Inlet Protection

Remove 50'x12' Gravel Construction Entrance

Install Drop Inlet Protection

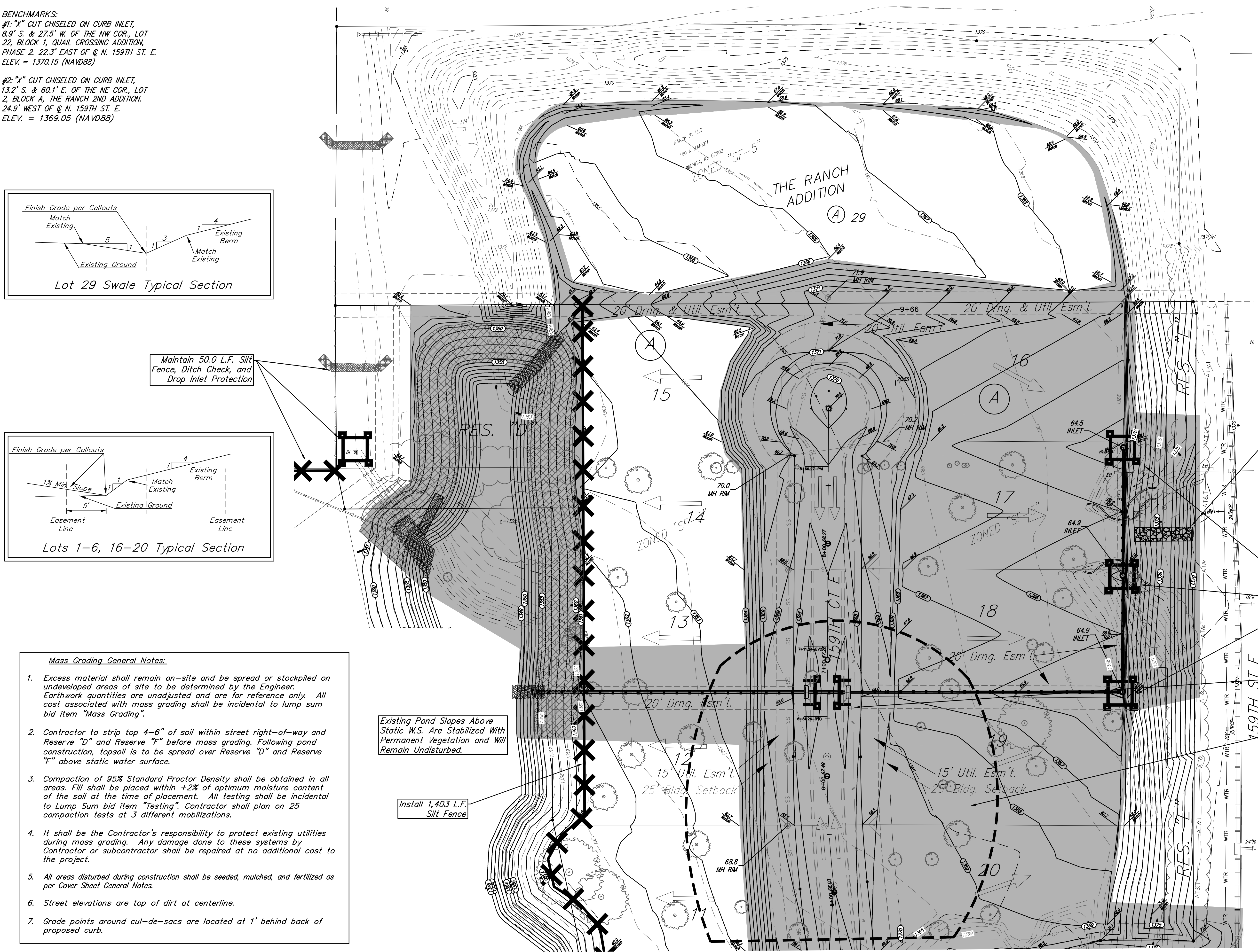
Install Curb Inlet Protection

Existing Stockpiles/Fill in R/W Shall Be Removed and Replaced With Compaction and Moisture Conditioning. Cost Incidental to "Excavation" Bid Item.

Existing Pond Slopes Above Static W.S. Are Stabilized With Permanent Vegetation and Will Remain Undisturbed.

Install 1,403 L.F. Silt Fence

- Mass Grading General Notes:**
- 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".
  - 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.
  - 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.
  - 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 during construction shall be seeded, mulched, and fertilized as per Cover Sheet General Notes.
  - Street elevations are top of dirt at centerline.
  - Grade points around cul-de-sacs are located at 1' behind back of proposed curb.



		The Ranch 2nd Addition	
		<b>MASS GRADING</b>	
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 2019-015117	DESIGN AEG	DRAWN HW	DATE 10/07/19
REVISIONS:	APPROVED	SCALE Noted	SHEET
		<b>6 OF 20</b>	