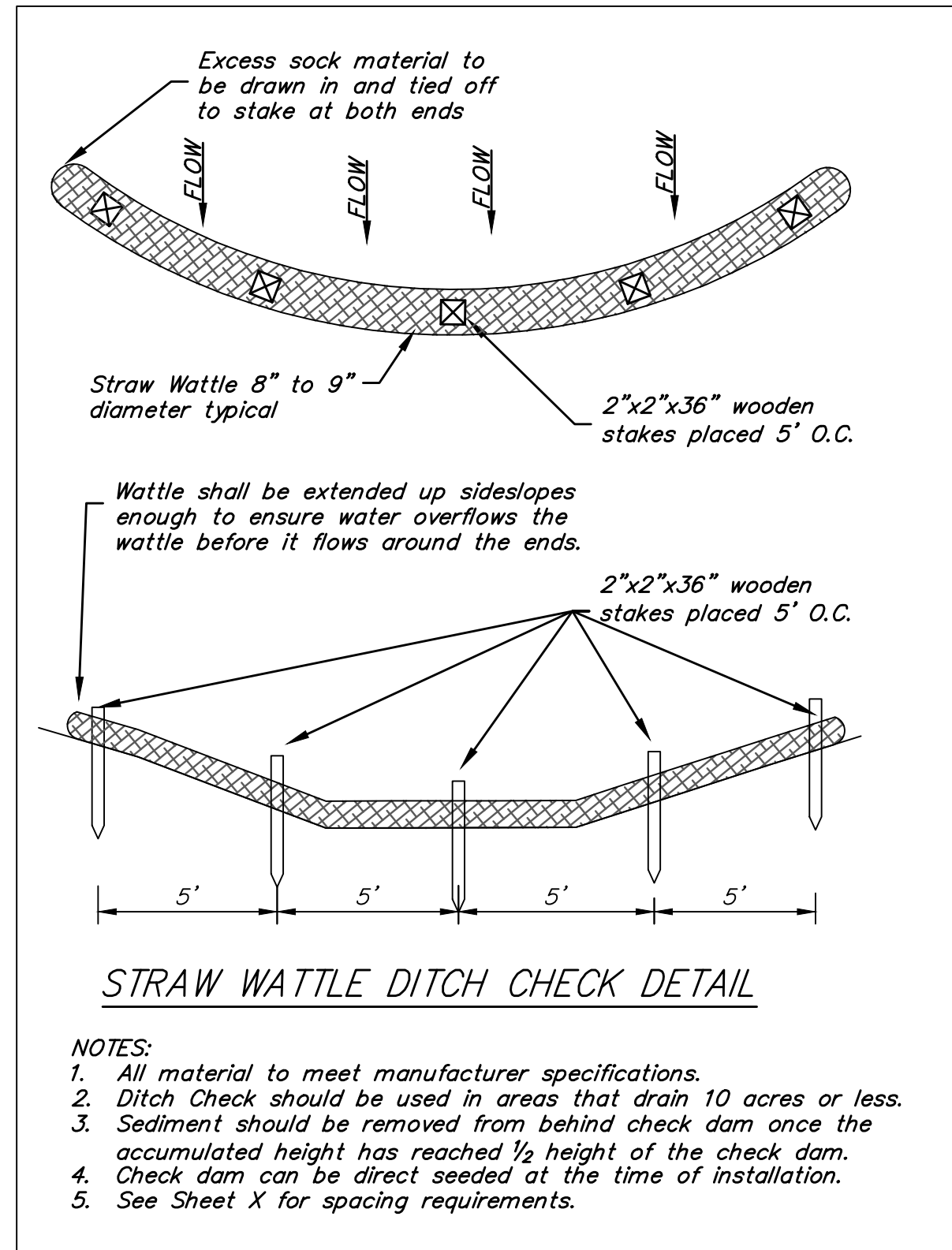


**BENCHMARKS:**  
 #1: "□" CUT CHISELED ON CURB,  
 15.2' S. OF SW COR., LOT 6,  
 BLOCK A, ROCKY FORD 2ND  
 ADDITION.  
 ELEV. = 1385.10 NAVD88

#2: "□" CUT CHISELED ON CURB,  
 8.6' N. & 11.7' W. OF SW COR.,  
 LOT 14, BLOCK C, ROCKY FORD  
 2ND ADDITION.  
 ELEV. = 1380.11 NAVD88

**Mass Grading and Pond General Notes:**

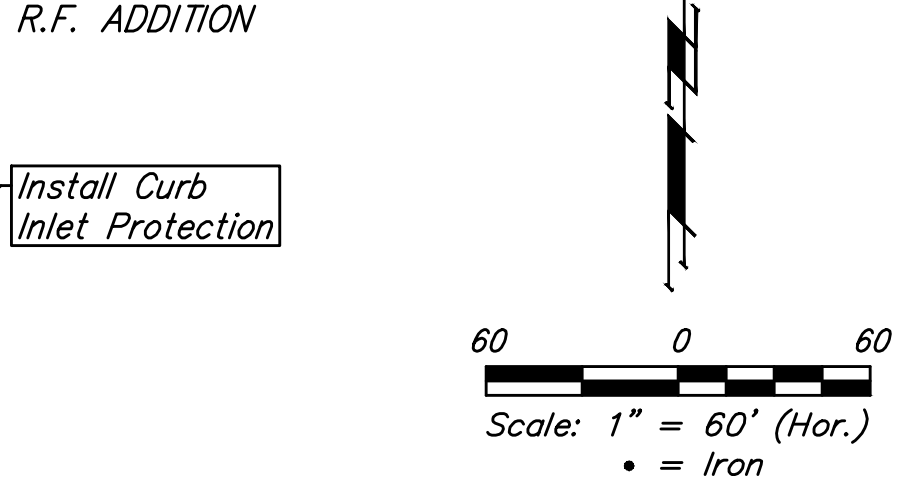
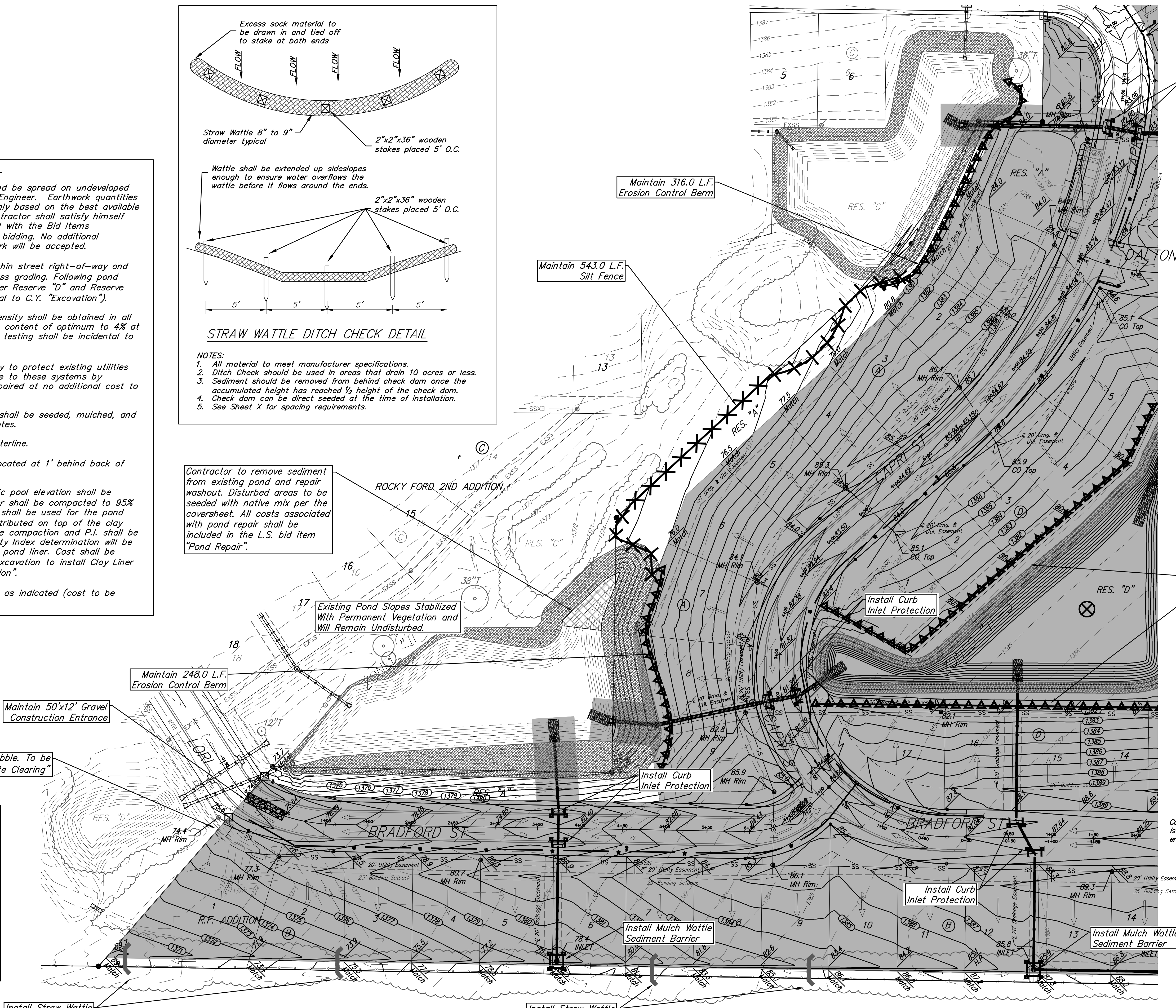
- Excess material shall remain on-site and be spread on undeveloped areas of site to be determined by the Engineer. Earthwork quantities are unadjusted and are for reference only based on the best available topography at time of design. The Contractor shall satisfy himself with the Earthwork quantities associated with the Bid Items "Excavation" & "Grading, Mass" prior to bidding. No additional payments or change orders for earthwork will be accepted.
- Contractor to strip top 4-6" of soil within street right-of-way and Reserve "D" and Reserve "E" before mass grading. Following pond construction, topsoil is to be spread over Reserve "D" and Reserve "E" above static water surface (incidental to C.Y. "Excavation").
- Compaction of 95% Standard Proctor Density shall be obtained in all areas. Fill shall be placed with moisture content of optimum to 4% at the time of placement. All compaction testing shall be incidental to Lump Sum bid item "Testing".
- 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.
- Pond bottom and sideslopes below static pool elevation shall be over-excavated 1'-4" and a 1' clay liner shall be compacted to 95% std. density. The best on-site material shall be used for the pond liner. 4" of on-site material shall be distributed on top of the clay liner below the static pool elevation. The compaction and P.I. shall be verified during construction. One Plasticity Index determination will be required for the material used for each pond liner. Cost shall be incidental to "Testing". Cost of over-excavation to install Clay Liner shall be incidental to bid item "Excavation".
- Install Erosion Control Mat around Pond as indicated (cost to be included in "Erosion Control Mat")



Contractor to remove sediment from existing pond and repair washout. Disturbed areas to be seeded with native mix per the coversheet. All costs associated with pond repair shall be included in the L.S. bid item "Pond Repair".

Existing Pond Slopes Stabilized With Permanent Vegetation and Will Remain Undisturbed.

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". Prior to construction, an on-site meeting with the developer will be held to discuss grading limits and tree trimming/clearing along the north, east, & south lines of the project. The intent of the work is to clear underbrush and trees not included in the main tree row while side trimming the main tree row as necessary to complete grading work.



**Area to be graded**

—(1350)— Proposed Grade

- - - 1350 - - - Existing Grade

⊗ - Compaction Testing Location

**EROSION CONTROL LEGEND**

□ - DROP INLET PROTECTION

┌ - CURB INLET PROTECTION

└ - DITCH CHECKS

✕ - SILT FENCING

▲ - CUT-OFF TRENCH

--- - TEMPORARY DITCH

EROSION CONTROL MEASURE	INSTALL	MAINTAIN
CONSTRUCTION ENTRANCE (EA)	0	1
SILT FENCE (LF)	0	54.3
DITCH CHECKS (EA)	34	0
CURB INLET PROTECTION (EA)	9	0
DROP INLET PROTECTION (EA)	8	0
EROSION CONTROL MAT (SY)	4,939	0
MULCH WATTLE SED. BARRIER (LF)	0	0
EROSION CONTROL BERM (LF)	3,753	564

\* 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.

**Baughman** R.F. 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: 468-2019-085421  
 DESIGN: AEG  
 DRAWN: HWW  
 APPROVED: [Signature]  
 DATE: 04/13/20

REVISIONS:

SCALE: Noted  
 SHEET: **11 OF 28**

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