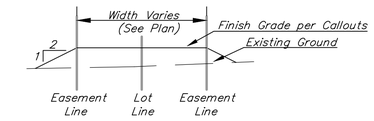
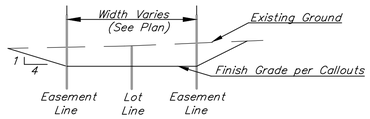
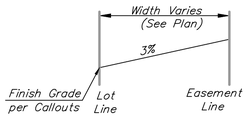


TYPICAL FILL SECTION

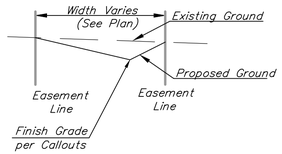


TYPICAL CUT SECTION

SECTION A–A



SECTION B–B

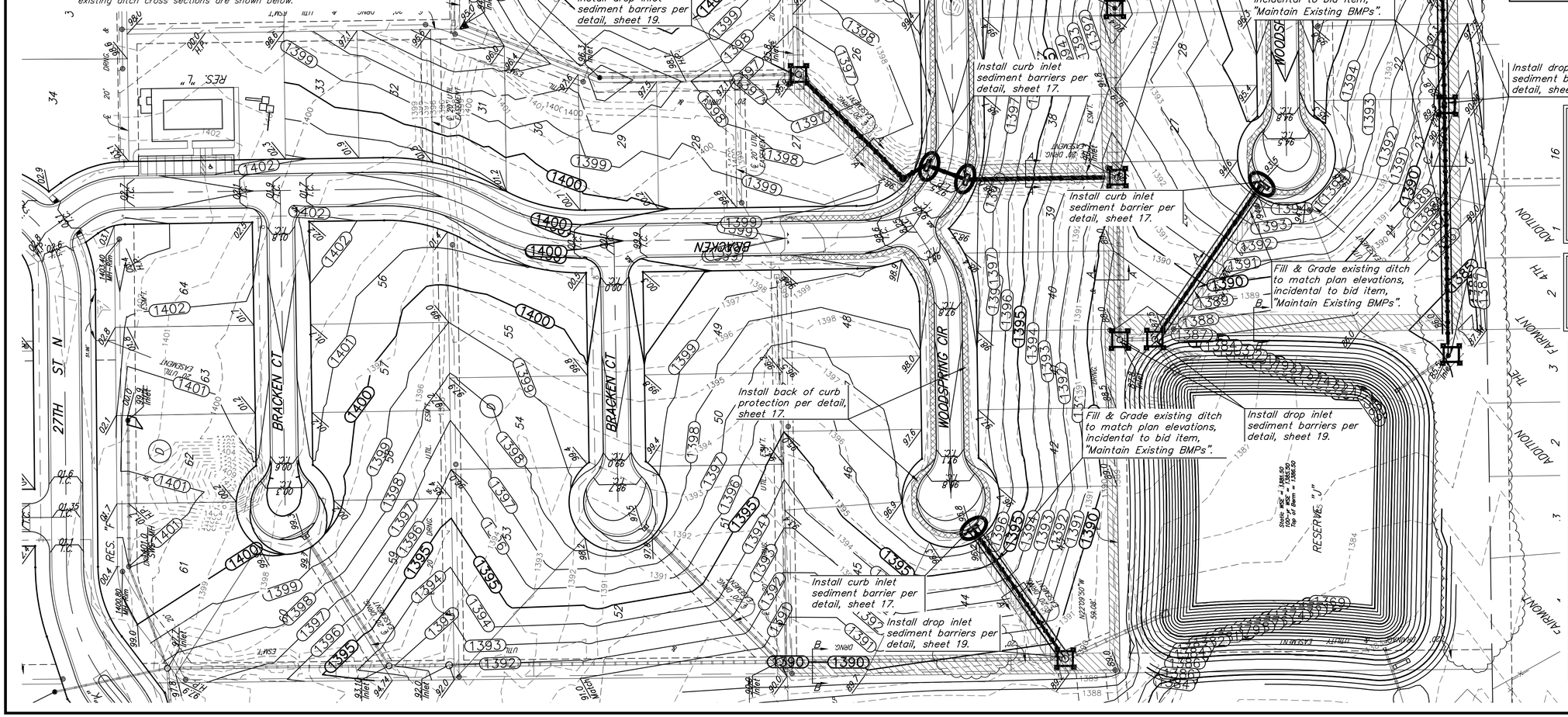


SECTION C–C

Area to be graded

Proposed Grades

The contractor shall fill and grade the easements as shown to the elevations given on the easement grading plan. All costs for grading shall be incidental to the Easement Grading Bid Item. The contractor shall 'straight' grade the easements between the elevations given. Where a callout designates 'Match', the contractor will grade to the existing ground elevation. The existing ditch cross sections are shown below.



60 0 60

Scale: 1"=60'

1385 Existing Grade

1385 Proposed Grade

EROSION CONTROL MEASURE	INSTALL	MAINTAIN	REMOVE
BACK OF CURB PROTECTION (LF)	2,355	0	0
CONSTRUCTION ENTRANCE (EA)	0	1	0
CURB INLET BARRIER (EA)	4	0	0
DITCH CHECK (EA)	0	0	0
DROP INLET PROTECTION (EA)	10	0	0
EROSION CONTROL (LS)	0	0	0
EROSION CONTROL BERM (LF)	0	0	0
SILT FENCE (LF)	0	0	0
EROSION CONTROL MAT (SY)	0	0	0

QUANTITIES ARE FOR INFORMATION ONLY! CONTRACTOR SHALL VERIFY QUANTITIES PER FINAL BID QUANTITY SHEET.

* ALL EXISTING BMPs INCLUDING CONSTRUCTION ENTRANCE, SEDIMENT BARRIERS, SILT FENCE, EROSION CONTROL BERM, AND EROSION CONTROL MAT SHALL BE MAINTAINED AND REPAIRED IF NECESSARY. REPLACEMENT OR REMOVAL OF EROSION CONTROL MEASURES TO BE PAID FOR BY L.S. BID ITEM "MAINTAIN EXISTING BMPs"

All easements have been graded prior to construction with the mass grading plan. Existing temporary ditches shall be filled and graded as noted and easements shown to be fine graded with this project after street & sws construction has been completed. All cost associated with filling and grading temporary ditching and fine grading shall be included in the lump sum bid item "Easement Grading".

Areas to be seeded as indicated on the cover sheet. The approximate temporary seeding area is 1.85 acres. This area is based on 1,150 L.F. pipe at 45' wide plus street R/W and is for information only.

EROSION CONTROL PLAN
LEGEND

- DROP INLET PROTECTION
- CURB INLET PROTECTION
- DITCH CHECKS
- SILT FENCING
- STRAW WATTLE DITCH CHECKS
- EROSION CONTROL BERM
- BACK OF CURB PROTECTION
- EROSION CONTROL MAT
- TEMPORARY DITCH

AUSTIN E. GOTTSCH
LICENSED
17919
05/18/2021
KANSAS
PROFESSIONAL ENGINEER

BAUGHMAN COMPANY
315 Ellis St.
Wichita, KS 67211
316-262-7271
BaughmanCo.com

FIREFLY WAY ADDITION
Phase 5

EASEMENT GRADING & EROSION CONTROL PLAN

STREET IMPROVEMENTS

PROJECT NUMBER:
20-06-E608

DESIGN: AEG DRAWN: TMS

DATE: May 18, 2021

SHEET 8 OF 28

File: E:\Projects\Firefly Way-Ritchie 16-04-P195\Engineering\Phase 5\StrSws\STRsws.dwg