UTILITIES SHOWN REPRESENT THE BEST INFORMATION AVAILABLE FOR DESIGN. ADDITIONAL UTILITIES MAY BE PRESENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY THE FAILURE TO DO SO.

Sta. 0+92.99, End SWS No. 1, Construct 2'x4' Area Inlet
Top Elev.=1365.50
FL Out 15"(W) Elev.=1362.84
N 9982.20 (North point on inside face of West wall)
E 4602.21 face of West wall)
N 9978.20 (South Point on inside face of West wall.
E 4602.21

Contractor shall Sawcut, Remove & Replace Approx. 10 L.F. of Existing 5' wide Concrete Sidewalk as required to construct SWS. Contractor shall sawcut at nearest sidewalk joint locations. (See Note 19 on Title Sheet for sidewalk removal & replacement.)

Install 92.99 L.F. of 15" RCP SWS @ 0.38% Slope.

Sta. 0+03.27, CAUTION!!! Existing KGS 4" P.E. Gas Line Approx. Depth=30" to 36", Clearance=Unknown, Contractor Shall Coordinate with Ed Koehler-Kansas Gas Service.

Sta. 0+00.00, Begin SWS No. 1, Begin 15" RCP SWS Construction @ Existing Curb Inlet. Contractor Shall Core Inlet Wall and Seal New 15" RCP to Inlet Wall with Quick/set Hydraulic cement. Fill all Inlet Imperfections w/ said cement. Existing Invert=1361.88
Prop. 15" RCP FL In=1362.50
N 10012.00
E 4515.91

Sta. 0+12.50, 2.5' Rt. CAUTION!!! Existing Overhead Electric Guy Pole, Contractor Shall Coordinate with Westar for securing Guy Pole during construction. Contractor will be responsible for all costs associated with securing the Guy Pole.

Sta. 0+17.62, CAUTION!!! Existing Underground AT&T 50PR & 200PR Cables, Approximate Depth=24" to 36"(Not Field Verified), Contractor Shall Coordinate with Jason Edwards-AT&T (268-2008).

## SWS NO. 1

Sta. 10+63.62, End SWS No. 2, Construct Type 1 Curb Inlet (L=5', W=3')
Top Elev.=1361.77
FL Out 18"(SW) Elev.=1357.14
N 9890.86 (West point on inside face of Rear wall)
E 5110.21
N 9890.86 (East Point on inside face of Rear wall.
E 5115.20

EXISTING DRAINAGE DATA
Acres=2.3
Tc=15 Min.
i=4.62"/hr.
Q=

Proposed Detention Pond, See Sheet No. 5.

Sta. 10+00.00, Begin SWS No. 2, Install 18" RCP End Section
Proposed FL Elev.=1356.50
Install 10 S.Y. of 12" layer of 6"x9" Broken Stone Rip-Rap. Contractor shall overexcavate as necessary to install Rip-Rap without obstructing Flow.
N 9836.27
E 5080.02

Shaded Area is New Floodway Easement

Install ~~63.62~~ 73.90' L.F. of 18" RCP SWS @ 1.00% Slope.

## SWS NO. 2

GRAPHIC SCALE
20 0 10 20 40
( IN FEET )
1 inch = 20 ft.

- ● = #4 Baughmon Rebar Found
- ○ = 3/4" Iron Pipe Found
- □ = #4 Mid Kansas Rebar Found
- △ = #4 S.R.B. Rebar Found
- X = Chiseled Cross Found
- V = Chiseled V-notch Found
- ◎ = #4 Baughmon Rebar Set
- EB = Electric Box
- FH = Fire Hydrant
- GP = Guy Pole
- Guy = Guy Anchor
- LP = Light Pole
- SSMH = Sanitary Sewer Manhole
- SBC Ped = SBC Telephone Pedestal
- WM = Water Meter
- XFMR = Transformer

LEGAL DESCRIPTION
Lot 1, Linder Addition, Wichita, Sedgwick County, Kansas.

SITE BENCHMARK:
Chiseled "□" on Top of Curb Inlet in front of subject property.
Elevation=1367.77(MSL)

Sta. 20+00.00, Begin SWS No. 3, Begin 10" PVC Installation.
Proposed FL Elev.=1355.80
Install 5 S.Y. of 12" layer of 6"x9" Broken Stone Rip-Rap. Contractor shall overexcavate as necessary to install Rip-Rap without obstructing Flow.
N 9730.25
E 5054.27

Proposed Detention Pond, See Sheet No. 5.

- COX — Cox Cable
- SOUTHERN STAR — Southern Star Natural Gas
- KGS — Kansas Gas Service
- WESTAR — Electric Line
- ss — Sanitary Sewer Line
- Stormwater Sewer Line
- AT&T — Telephone Line
- W — W — W — Water Lines
- X — X — Fence Line

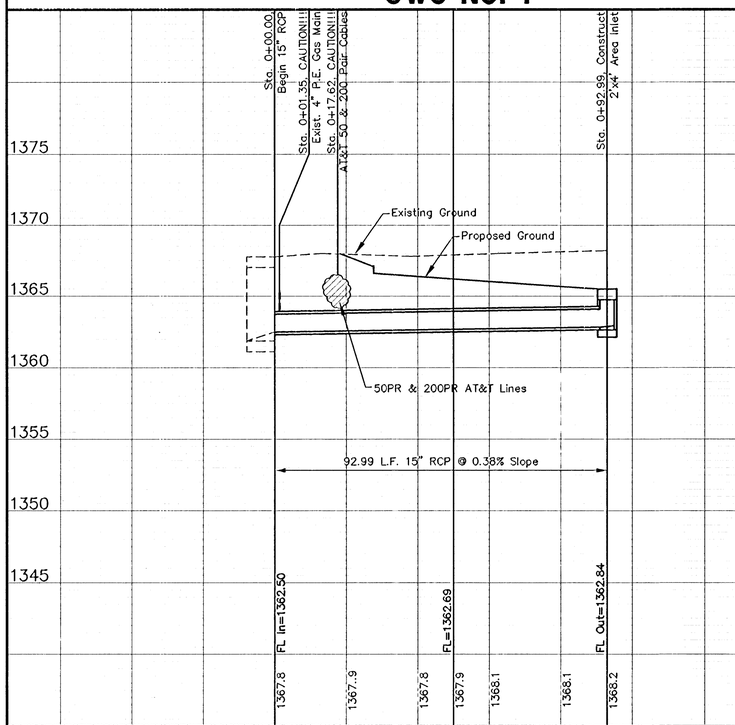
Contractor shall grade 10 L.F. or as required from end of pipe to daylight flow line of pipe.

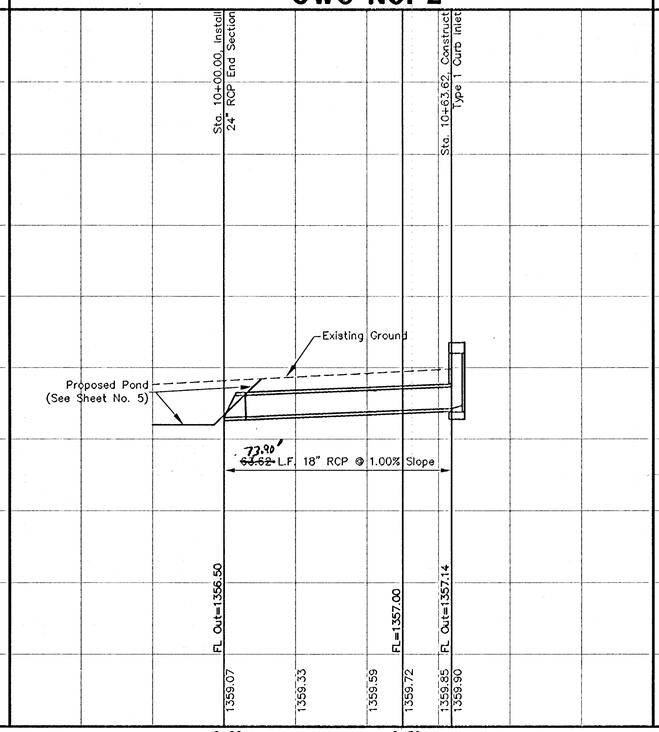
Sta. 20+~~40.00~~ 42.00, End SWS No. 3, End of 10" PVC Pipe Installation.
Proposed FL Elev.=~~1350.90~~ 1352.40
Install 5 S.Y. of 12" layer of 6"x9" Broken Stone Rip-Rap. Contractor shall overexcavate as necessary to install Rip-Rap without obstructing Flow.
E 5025.98

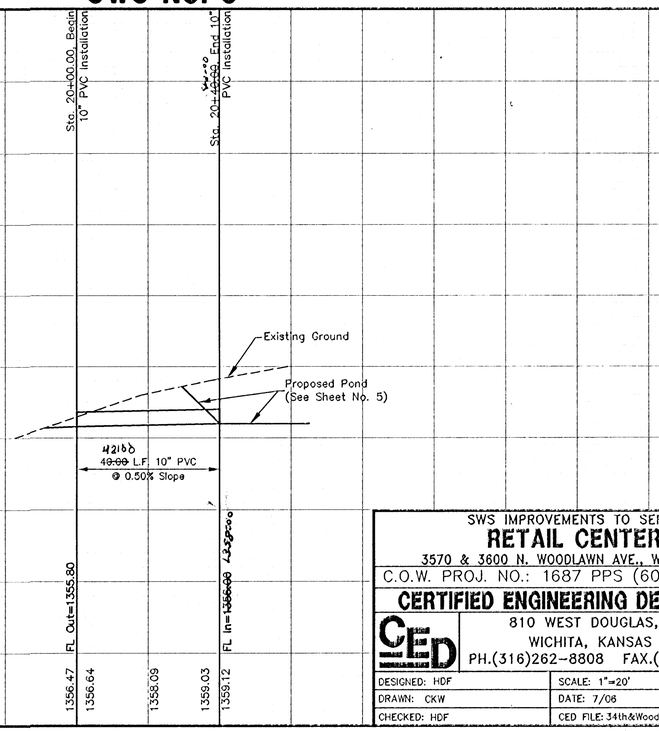
Install 31.00 L.F. of 10" PVC SWS @ 0.50% Slope.

**SURVEY DISCLAIMER:**
TOPOGRAPHIC SURVEY AND CONTOUR MAP USED IN PREPARING PLANS WAS PROVIDED BY BAUGHMAN COMPANY P.A., 315 ELLIS, WICHITA, KS (316)262-7271. ENGINEER DOES NOT GUARANTEE SURVEY ELEVATIONS FOR ACCURACY. CONTRACTOR SHALL VERIFY ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

## SWS NO. 3




SWS IMPROVEMENTS TO SERVE
**RETAIL CENTER**
3570 & 3600 N. WOODLAWN AVE., WICHITA, KS
C.O.W. PROJ. NO.: 1687 PPS (607861)


**CERTIFIED ENGINEERING DESIGN, P.A.**
810 WEST DOUGLAS, SUITE C
WICHITA, KANSAS 67203
PH.(316)262-8808 FAX.(316)262-1669


| | | |
|---|---|---|
| DESIGNED: HDF | SCALE: 1"=20' | SHEET 4 |
| DRAWN: CKW | DATE: 7/06 | |
| CHECKED: HDF | CED FILE: 34th&Woodlawn | TOTAL 8 |