

STORM DRAINAGE IMPROVEMENTS TURKEY CREEK TRIBUTARY AT JOHNSON DRIVE

CITY PROJECT NO. 3285
SMAC PROJECT NO. TC-021-051
CITY OF SHAWNEE, KANSAS
SECTION 11, TOWNSHIP 12, RANGE 24

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INDEX OF SHEETS

| | |
|-------|--|
| 1 | Cover |
| 2 | Site Plan/General Layout |
| 3 | Survey Control |
| 4 | R/W and Easement Layout |
| 5 | General Notes |
| 6 | Creek (Concrete) Plan & Profile |
| 7 | RCB Plan & Profile |
| 8-9 | Creek (Natural) Plan & Profile |
| 10 | Storm Sewer Plan & Profile |
| 11 | Concrete Channel, Typical Section |
| 12-14 | RCB Details |
| 15-17 | Traffic Control |
| 18-19 | Typical Sections, Johnson Dr. & 59th St. |
| 20 | Street Repair Details |
| 21 | Pavement Marking Details |
| 22 | Residential Entrance Detail |
| 23 | Curb Details |
| 24-25 | Sidewalk Details |
| 26 | Natural Creek Details, Typical Section |
| 27 | Rip-Rap Details |
| 28 | Pipe Bedding Details |
| 29-30 | End Section Details |
| 31 | Sanitary Sewer Details |
| 32-33 | Bridge Details |
| 34-35 | Fence Details |
| 36-37 | Signs-City Sign and SMAC Sign Details |
| 38 | Watershed Map |
| 39 | Hydraulic Calculations |
| 40 | Planting Plan |
| 41 | Planting Details |
| 42-44 | Erosion Control |
| 45-55 | Cross Sections |

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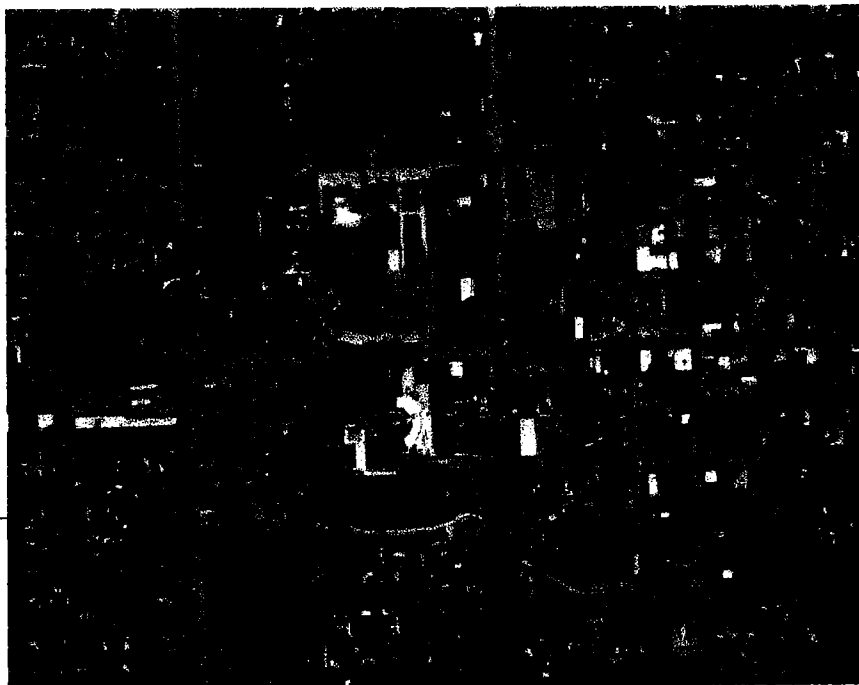
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PROJECT LOCATION

LEGEND

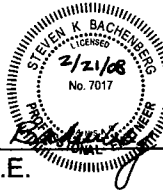
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|--------|---|---|---------------------------------|
| ● | Set Monument (1/2" Iron reinforcing rod w/cap: KS CLS 175) unless otherwise noted | ⊗ | Traffic Signal Light |
| ○ | Found Monument | ⊕ | Traffic Control Manhole |
| ⊠ | Found Monument in Box | ⊞ | Traffic Control Box |
| ⊡ | Found Right-of-Way Marker | ⊟ | Traffic Control Vault |
| ⊢ | Control Point | ⊠ | Underground Cable TV Line |
| ⊣ | Benchmark | ⊡ | Cable TV Pedestal |
| ⊤ | Overhead Utility Lines | ⊢ | Sanitary Sewer Line |
| ⊥ | Underground Electric Line | ⊣ | Sanitary Sewer Manhole |
| ⊦ | Utility Pole | ⊤ | Clean-out |
| ⊧ | Guy Anchor | ⊥ | Vitrified Clay Pipe |
| ⊨ | Utility Pole w/Light | ⊦ | Ductile Iron Pipe |
| ⊩ | Light Pole | ⊧ | Polyvinyl Chloride Pipe |
| ⊪ | Electric Pedestal | ⊨ | Storm Sewer Line |
| ⊫ | Electric Meter | ⊩ | Storm Sewer Manhole |
| ⊬ | Electric Access Vault | ⊪ | Down Spout |
| ⊭ | Electric Access Box (Mounted) | ⊫ | Corrugated Metal Pipe |
| ⊮ | Electric Manhole | ⊬ | Corrugated Metal Arch Pipe |
| ⊯ | Yard Light | ⊭ | Corrugated Plastic Pipe |
| ⊰ | Air Conditioner Unit | ⊮ | Reinforced Concrete Pipe |
| ⊱ | Water Line | ⊯ | Reinforced Concrete Arch Pipe |
| ⊲ | Water Valve | ⊰ | Reinforced Concrete Box |
| ⊳ | Fire Hydrant | ⊱ | Yard Drain |
| ⊴ | Water Meter | ⊲ | Wood Fence |
| ⊵ | Water Manhole | ⊳ | Chain Link Fence |
| ⊶ | Water Vault | ⊴ | Wire Fence |
| ⊷ | Sprinkler Control Box | ⊵ | Plastic Fence |
| ⊸ | Sprinkler Valve | ⊶ | Wrought Iron Fence |
| ⊹ | Gas Line | ⊷ | Gate Post |
| ⊺ | Gas Valve | ⊸ | Single Pole Sign |
| ⊻ | Regulator Unit | ⊹ | Underground Utility Line Marker |
| ⊼ | Gas Meter | ⊺ | Metal Guard Rail or Hand Rail |
| ⊽ | Underground Telephone Line | ⊻ | Flag Pole |
| ⊾ | Telephone Pedestal | ⊼ | Satellite Dish |
| ⊿ | Telephone Pedestal | ⊽ | Concrete Bollard |
| ⊿ | Telephone Access Vault | ⊾ | Wood Bollard or Wood Post |
| ⊿ | Telephone Access Box (Mounted) | ⊿ | Handicap Parking Stall |
| ⊿ | Underground Fiber Optic Line | ⊿ | Bush |
| ⊿ | Fiber Optic Manhole | ⊿ | Deciduous Tree and Size |
| ⊿ | Fiber Optic Access Vault | ⊿ | Coniferous Tree and Size |
| (Rel.) | Relocate | ⊿ | Tree to be removed |

Install Stormwater Management Program Project Sign and City Project Sign On North Side of Johnson Drive West of the existing RCB.

LOCATION MAP

PREPARED & SUBMITTED BY:
BHC RHODES
Overland Park, Kansas

Steven K. Bachenberg, P.E.
Project Manager



APPROVED BY:
The City of Shawnee, Kansas

City Engineer

APPROVED FOR ONE YEAR FROM THIS DATE



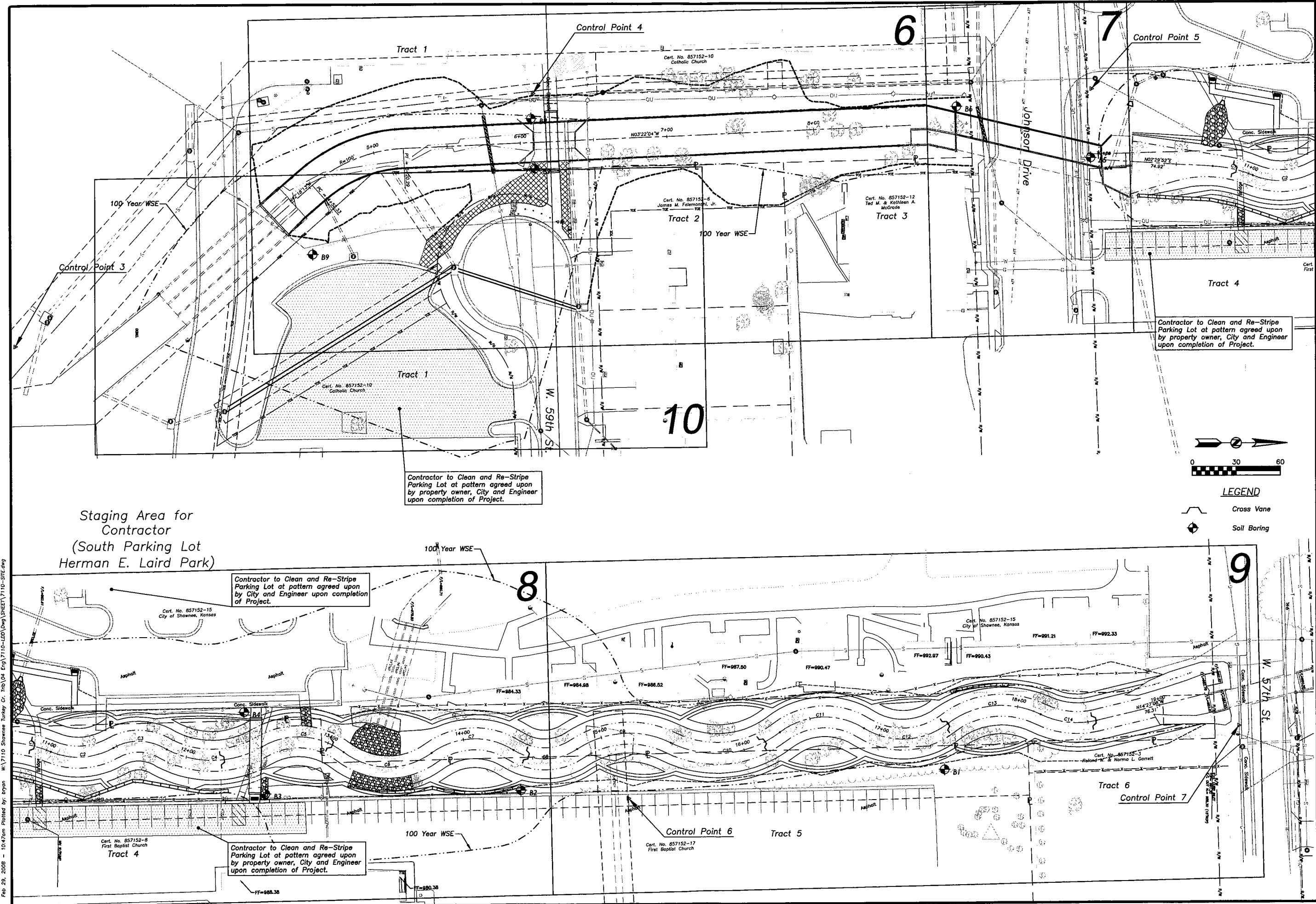
Funding Approved - Project Conforms to Stormwater Management Program Requirements

Kent Lage 2/29/08
Kent Lage, P.E. Date
Jo. Co. Stormwater Management Program

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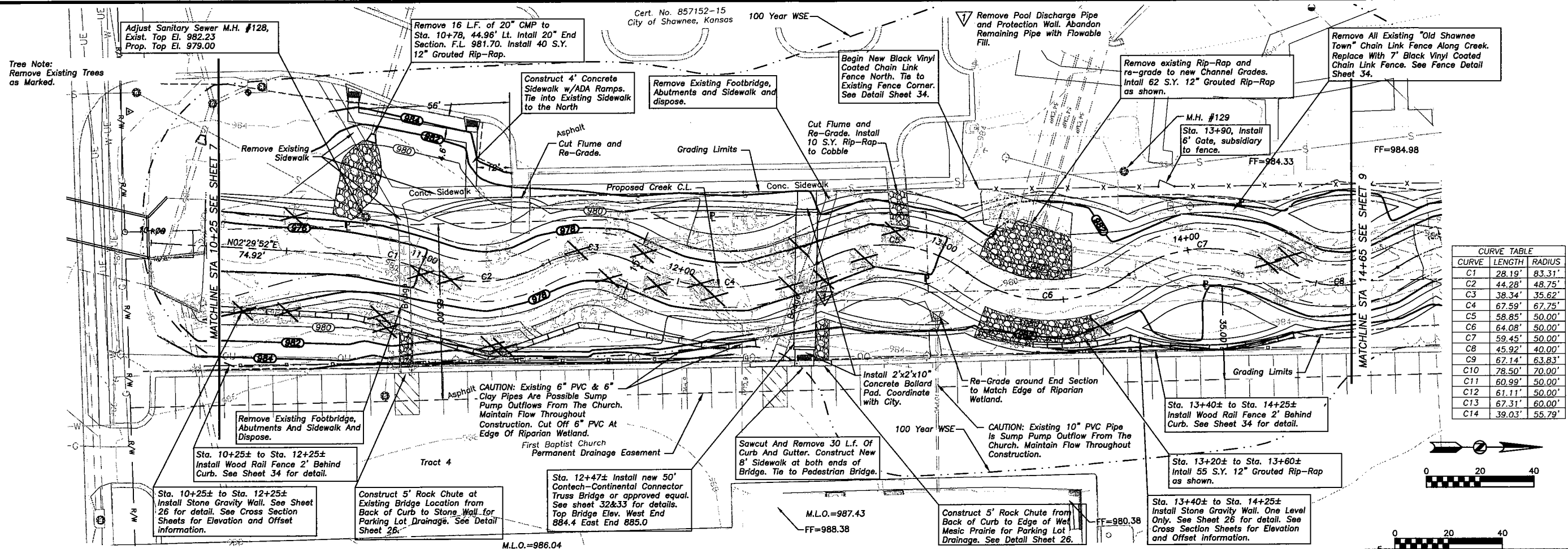


Feb 29, 2009 - 10:47am Plotted by: Bryan W:\7110 Shawnee Turkey Cr. Title\04 Eng\7110-LDD\DWG\SHEET\7110-SITE.dwg



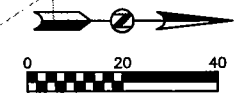
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| <p>B.H.C. RHODES CIVIL ENGINEERS - SURVEYORS 6363 College Blvd., Suite 500 Overland Park, Kansas 66211 Phone (913) 663-1900 Fax (913) 663-1633</p> | |
| Prepared For: | <p>CITY OF SHAWNEE PUBLIC WORKS DEPT. 11110 Johnson Drive SHAWNEE, KS 66203-2799 913.631.2500</p> |
| <p>STORM DRAINAGE IMPROVEMENTS TURKEY CREEK TRIBUTARY AT JOHNSON DRIVE</p> | |
| <p>SITE PLAN</p> | |
| Project Number: | 7110 |
| 2 of 55 | |
| 2 | |

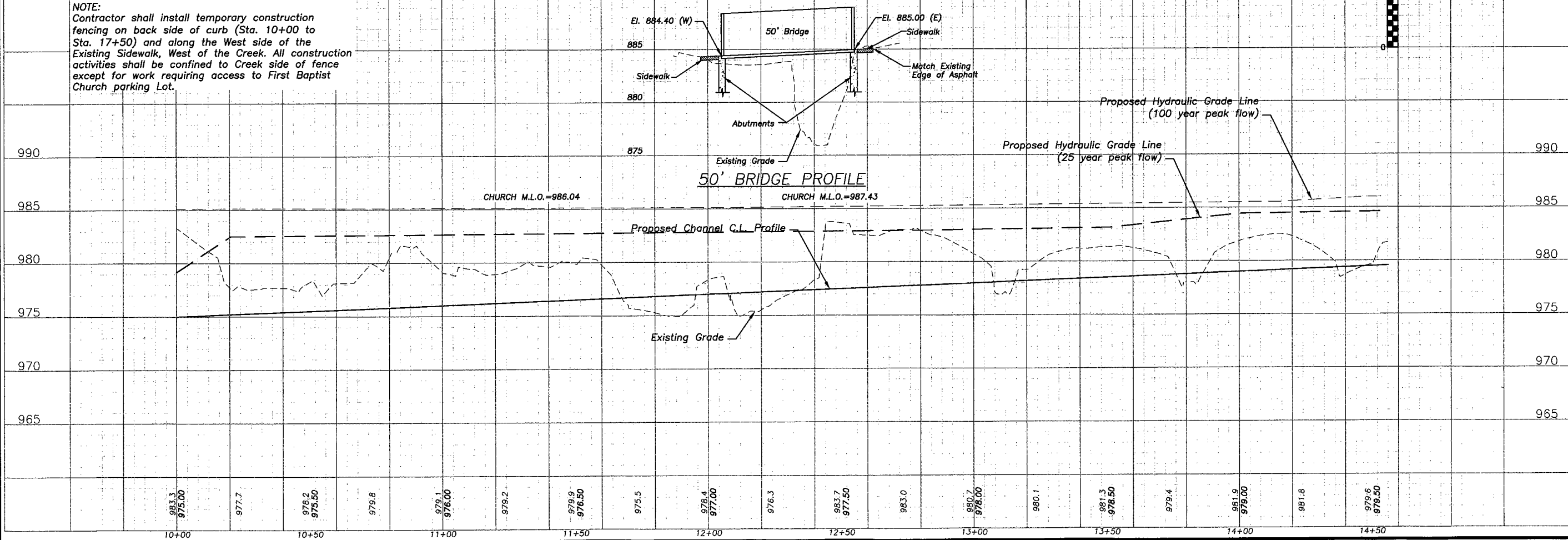
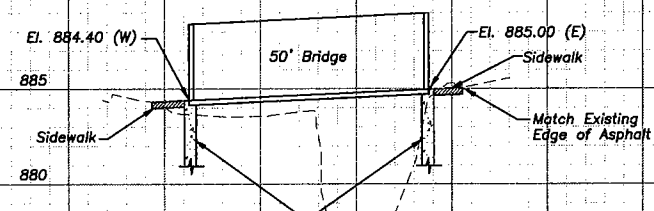


CURVE TABLE

| CURVE | LENGTH | RADIUS |
|-------|--------|--------|
| C1 | 28.19' | 83.31' |
| C2 | 44.28' | 48.75' |
| C3 | 38.34' | 35.62' |
| C4 | 67.59' | 67.75' |
| C5 | 58.85' | 50.00' |
| C6 | 64.08' | 50.00' |
| C7 | 59.45' | 50.00' |
| C8 | 45.92' | 40.00' |
| C9 | 67.14' | 63.83' |
| C10 | 78.50' | 70.00' |
| C11 | 60.99' | 50.00' |
| C12 | 61.11' | 50.00' |
| C13 | 67.31' | 60.00' |
| C14 | 39.03' | 55.79' |



NOTE:
Contractor shall install temporary construction fencing on back side of curb (Sta. 10+00 to Sta. 17+50) and along the West side of the Existing Sidewalk, West of the Creek. All construction activities shall be confined to Creek side of fence except for work requiring access to First Baptist Church parking Lot.



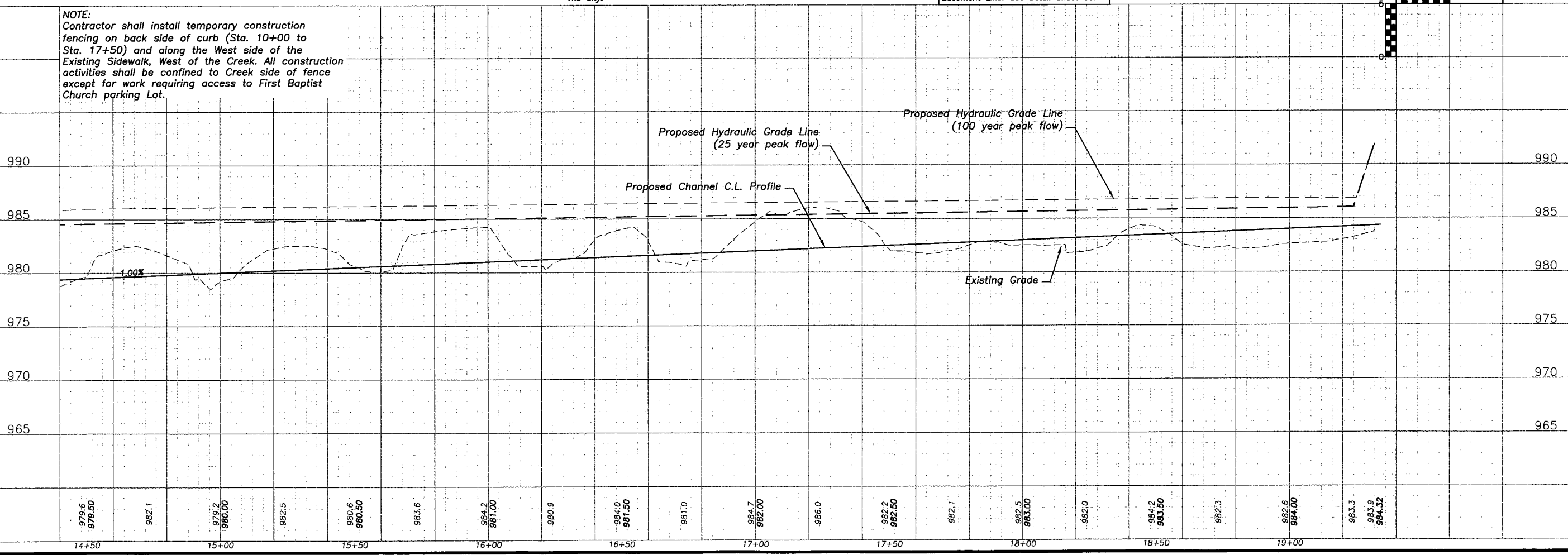
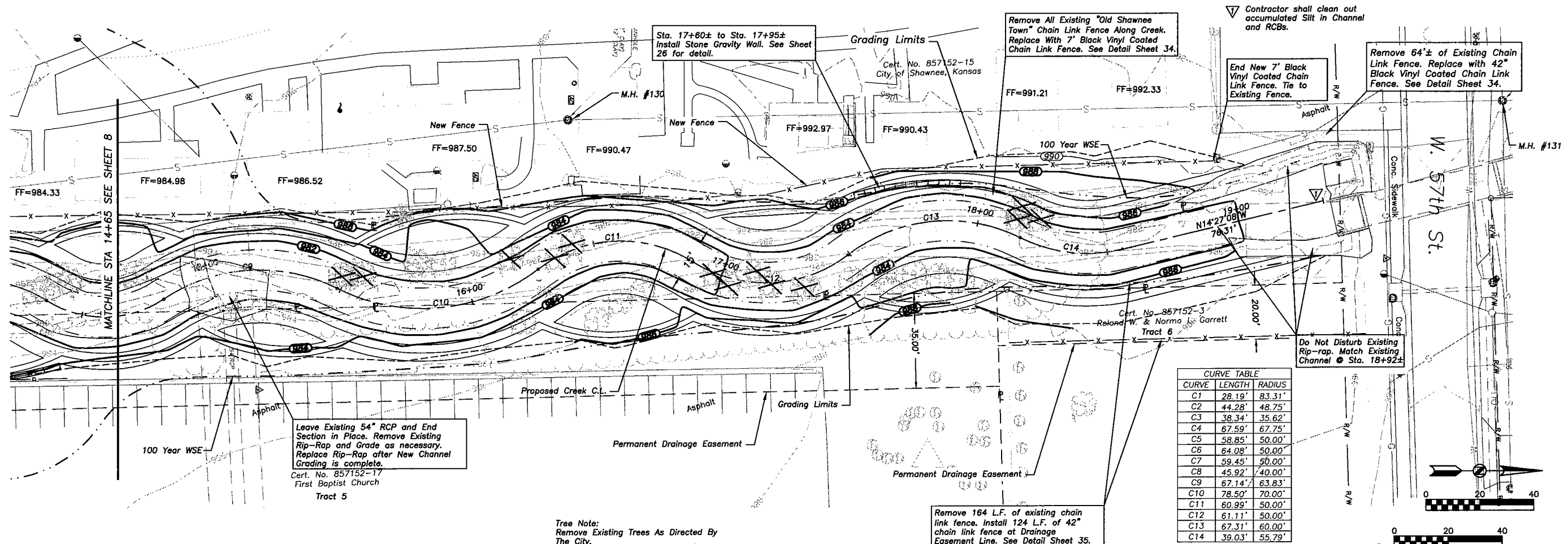
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**STORM DRAINAGE IMPROVEMENTS
TURKEY CREEK TRIBUTARY
AT JOHNSON DRIVE
PLAN AND PROFILE
TURKEY CREEK
CONCRETE CHANNEL**

Project Number: 7110
8 of 55
8



Feb 29, 2008 - 10:46am Plotted by: Bryan W:\7110 Shawnee Turkey Cr. Trib\04 Eng\7110-LDD\DWG\SHWET\7110-CRM-PP.dwg

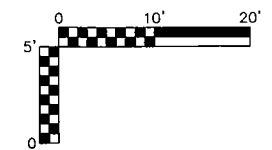
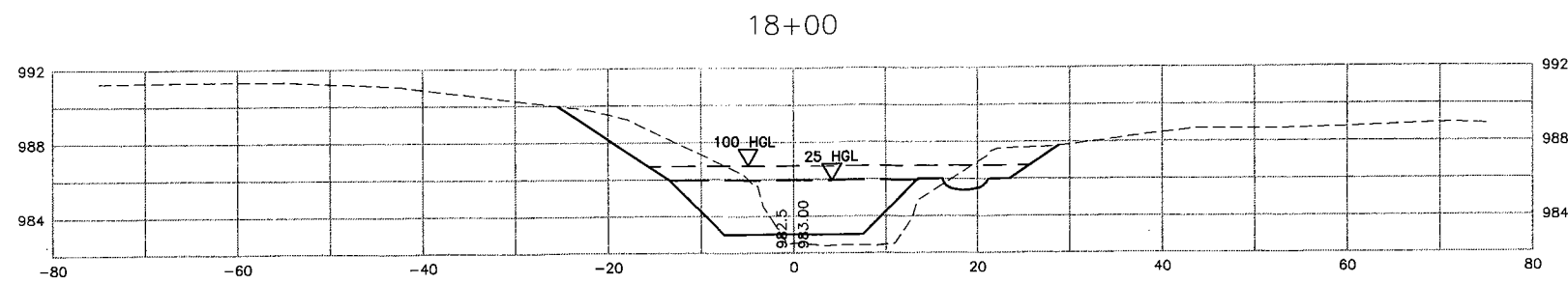
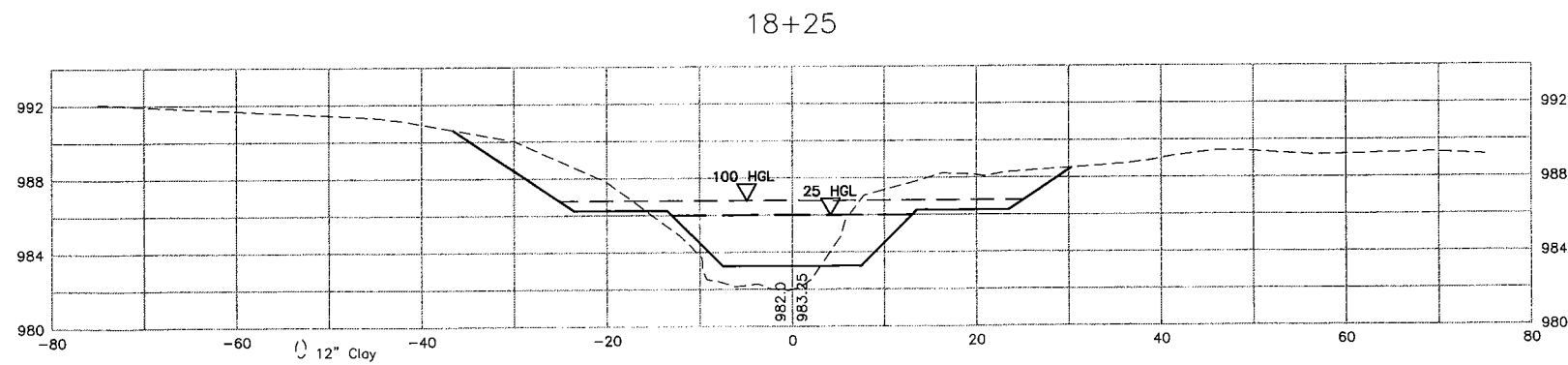
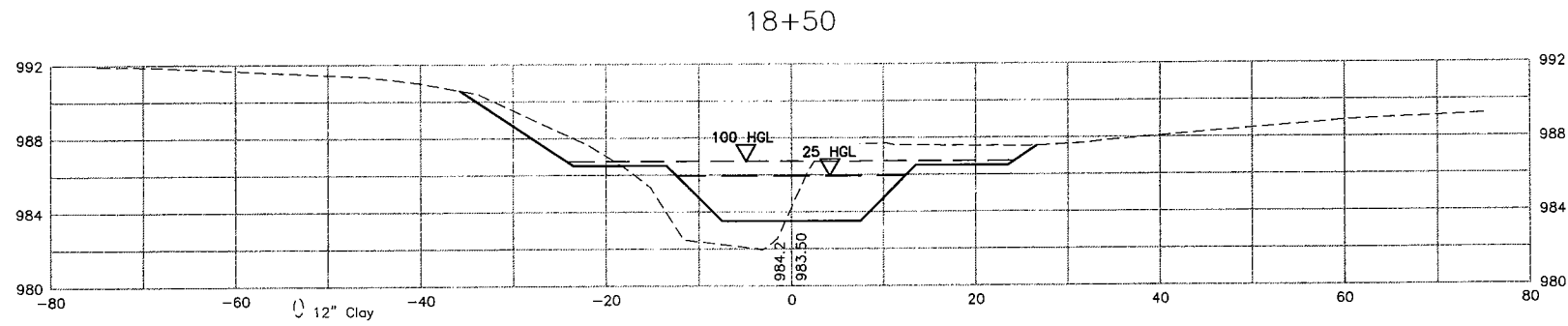
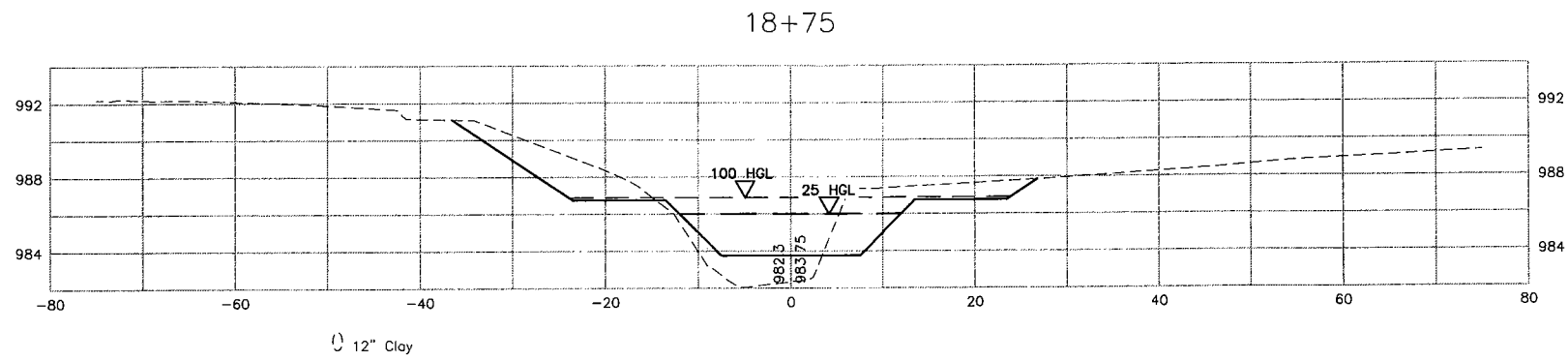
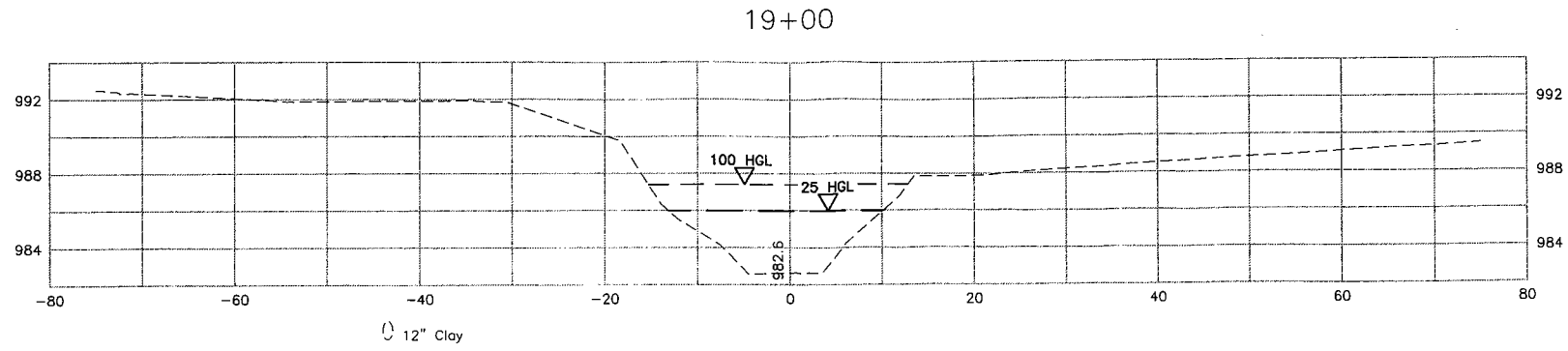
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**STORM DRAINAGE IMPROVEMENTS
TURKEY CREEK TRIBUTARY
AT JOHNSON DRIVE
PLAN AND PROFILE
TURKEY CREEK
NATURAL CHANNEL**

Project Number: 7110
9 of 55
9



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STORM DRAINAGE IMPROVEMENTS
TURKEY CREEK TRIBUTARY
AT JOHNSON DRIVE
CROSS SECTIONS
NATURAL CHANNEL
STA 18+00 TO STA 19+00