N-1,694,534.5632, E-1,693,095.1635
℄ 13th St. N. Sta. 241+50.90, 54.67 Rt.=
SS Line No. 1, Sta. 0+22.0
Core existing concrete MH wall and Install New 24" Pipe. Seal new 24" Pipe to MH with an approved waterstop gasket and non-shrink grout. Construct a minimum of 3' Reinforced Concrete Encasement from MH wall. Reshape MH floor to provide smooth flow. This work shall be considered subsidiary to the price bid for pipe in place. See detail, this sheet.

CAUTION !!!
6" Steel Gas Main (KGS)
Contractor Shall Verify Depth at Time of Construction

CAUTION !!!
12" Waterline
(City of Wichita)

CAUTION !!!
Proposed 18" RCP
Storm Water Sewer

Crestview Country Club Association
MI-74
NW 1/4, Sec 14, T27S, R2E

Install 25 L.F.
Sediment Barrier

N-1,694,565.0130, E-1,693,047.8965
Plug existing 12" pipe (North) with minimum 3' thick concrete or masonry plug.

N-1,694,630.3056, E-1,693,046.5663
℄ 13th St. N. Sta. 241+04.18, 42.0 Lt.=
SS Line No. 1, Sta. 1+29.4**
Construct MH 1 (5' Dia.) (with C.O.W. approved lining) over existing 12" pipe. Remove 12" pipe thru MH. Standard MH. Shape invert to provide smooth flow. Plug existing 12" pipe South with minimum 3' thick concrete or masonry plug.

CAUTION !!!
Overhead CATV
(Cox Communications)
Overhead Electric
(Westar Energy)

N-1,694,625.9424, E-1,692,823.3272
℄ 13th St. N. Sta. 238+80.90, 42.00 Lt.=
SS Line No. 1, Sta. 3+52.7
Construct MH 2 (5' Dia.)
Standard MH (with C.O.W. approved lining)

CAUTION!!!
Cable Box (Cox Communications)
Contractor shall support in place and protect from damage.

CAUTION!!!
Power Pole (Westar Energy)
Contractor to restrain pole in place thru construction. At least 72 hours prior to start of construction, coordinate restraint with Westar Energy, Mr. Randy Truitt at 261-6512.

N-1,694,600.7398, E-1,692,762.0368
℄ 13th St. N. Sta. 238+19.13, 18.00 Lt.=
SS Line No. 1, Sta. 4+19.0
Construct MH 3 (5' Dia.)
Standard MH (with C.O.W. approved lining)

Remove fence as necessary.

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 12" PVC PIPE AT SANITARY SEWER STATION 1+29.4 TO VERIFY ITS HORIZONTAL AND VERTICAL LOCATION. THE PIPE LOCATION SHALL BE REPORTED TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.

** THE CONTRACTOR MAY INSTALL CASING OUTSIDE OF THE EXISTING PAVEMENT LIMITS BY OPEN CUT. CONTRACTOR SHALL MAINTAIN 2-WAY TRAFFIC FLOWS DURING INSTALLATION OF 13TH STREET CROSSING. NO SEPARATE PAYMENT WILL BE MADE FOR CASING INSTALLED BY OPEN CUT METHODS. ANY OPEN EXCAVATION WITHIN 5' OF EXISTING PAVEMENT SHALL BE PROTECTED WITH CONCRETE JERSEY BARRIERS.

BM #21 Brass Disk on the E End of N Hubguard of the Bridge Under 13th St. N, 1200 ± E of the ℄ 127th St. E.
(22' Lt. ℄ 13th St. Sta. 240+16) Elev. 1343.22

(74) N-1,694,602.9952, E-1,692,824.3337
PK Nail at ℄ entrance to lift station, even with S edge shoulder

(75) N-1,694,627.2335, E-1,693,617.0808
Set 1/2" bar at ℄ field entrance, N side of 13th, 10' N of N edge road, first drive W of lift station

(76) N-1,694,647.6555, E-1,694,448.5628
PK Nail at ℄ asphalt field entrance across from North Point entrance (West)

(61) N-1,694,611.6770, E-1,694,242.7280S
1/4 Cor., Sec. 11, T27S, R2E
℄ 13th St. N Sta. 252+99.75
1. Found 5/8" Bar with Cap
2. 1/2" Iron Pipe 49.87' N
3. 3 Nails in W face Fence Post 51.20' N
4. RR Spike in NE face Power Pole 99.44' NW
5. 60d Nail in W face 10" Elm 49.14' S
6. PK Nail in SE face Power Pole 130.72' ENE

Install 107.4 L.F. 24" Pipe

Sta. 0+17.0 to Sta. 0+95.0
Install 78 L.F. Steel Casing by boring. **
(Min. I.D. 34")

Install 17 L.F. Sediment Barrier

Sta. 2+02 to Sta. 3+05
Const. 103 L.F. Reinforced Concrete Encasement.

Install 223.3 L.F. 24" Pipe

Install 17 L.F. Sediment Barrier

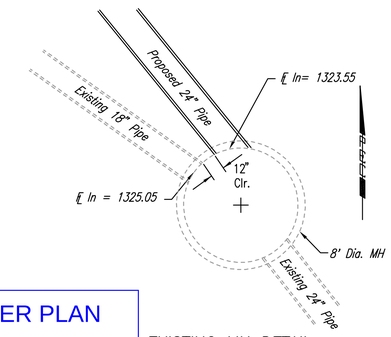
Install 66.3 L.F. 24" Pipe

NOTE:
STA. 1+29.4 TO STA. 3+52.7 CONTRACTOR SHALL INSTALL PIPE AFTER BRIDGE PILES HAVE BEEN INSTALLED.

DENOTES PIPE TO BE ABANDONED IN PLACE. PIPE SHALL BE SANDFILLED. ABANDONMENT SHALL BE SUBSIDIARY TO "SITE CLEARING".

DENOTES PIPE TO BE PLUGGED

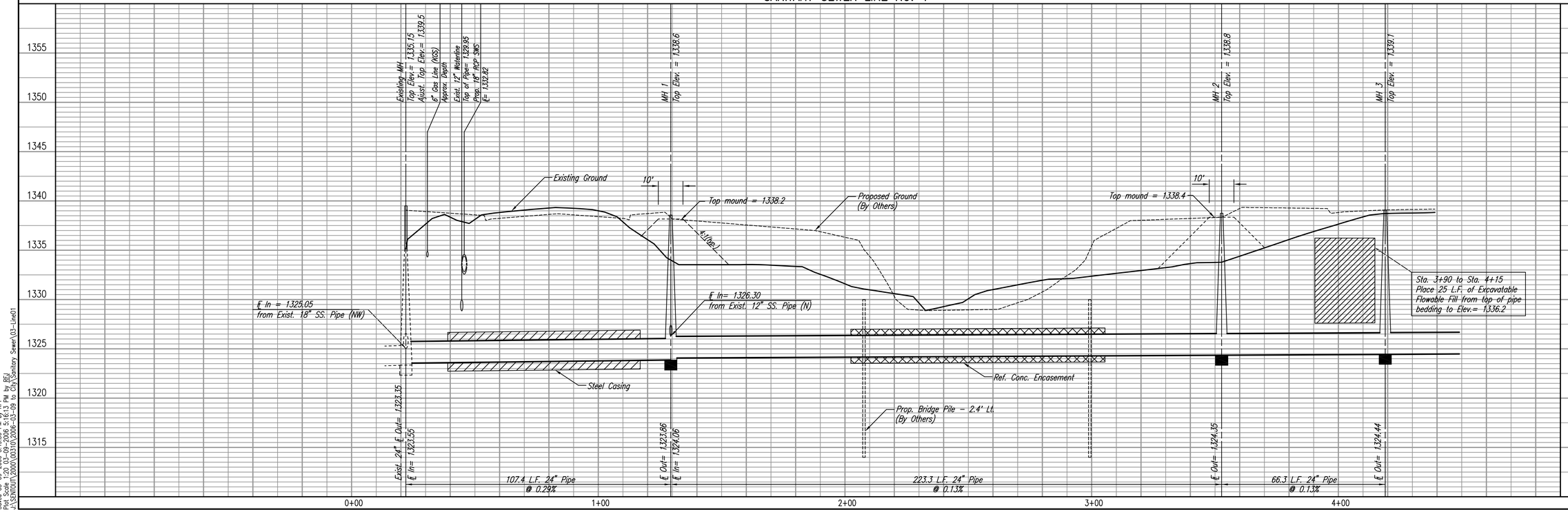
SCALE:
PLAN: LAT. & LONG. 0 20 40
PROFILE: HORIZ. SAME AS ABOVE
VERT. 5 0



PER PLAN

EXISTING MH DETAIL
Sta. 0+22.0

SANITARY SEWER LINE NO. 1



MAIN 17B
OF THE FOUR MILE CREEK SEWER
SANITARY SEWER LINE NO. 1
JAMES L. ARMOUR, P.E. – CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-84136

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Job No. 35-00310-001-042
Date November 2005
Designed By MDK
Drawn By AEE

PLAN: DATE | BY | CHECKED | CHECKED
PROFILE: CHECKED | CHECKED

Saved 03-09-2006 3:49:56 PM by RFT
Plotted 03-09-2006 3:51:13 PM by BEJ
J:\SENTOUT\2000\00310\2006-03-09 to City\Sanitary Sewer\03-Lined01