

S. W. S. NO. 159

STORM SEWERS IN WHISPERING PINES ESTATES

PROJECT NO.

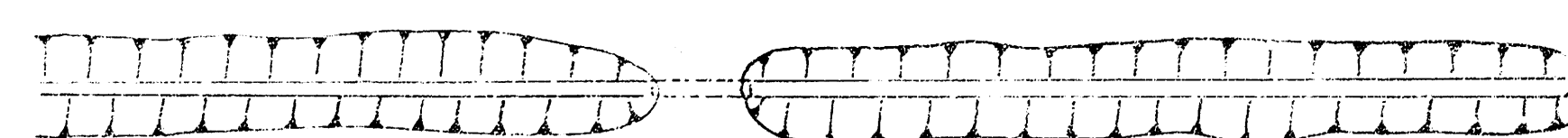
468-76-245-80755-000-000-001

CITY OF WICHITA, KANSAS
DEAN SELLERS, ACTING CITY ENGINEER

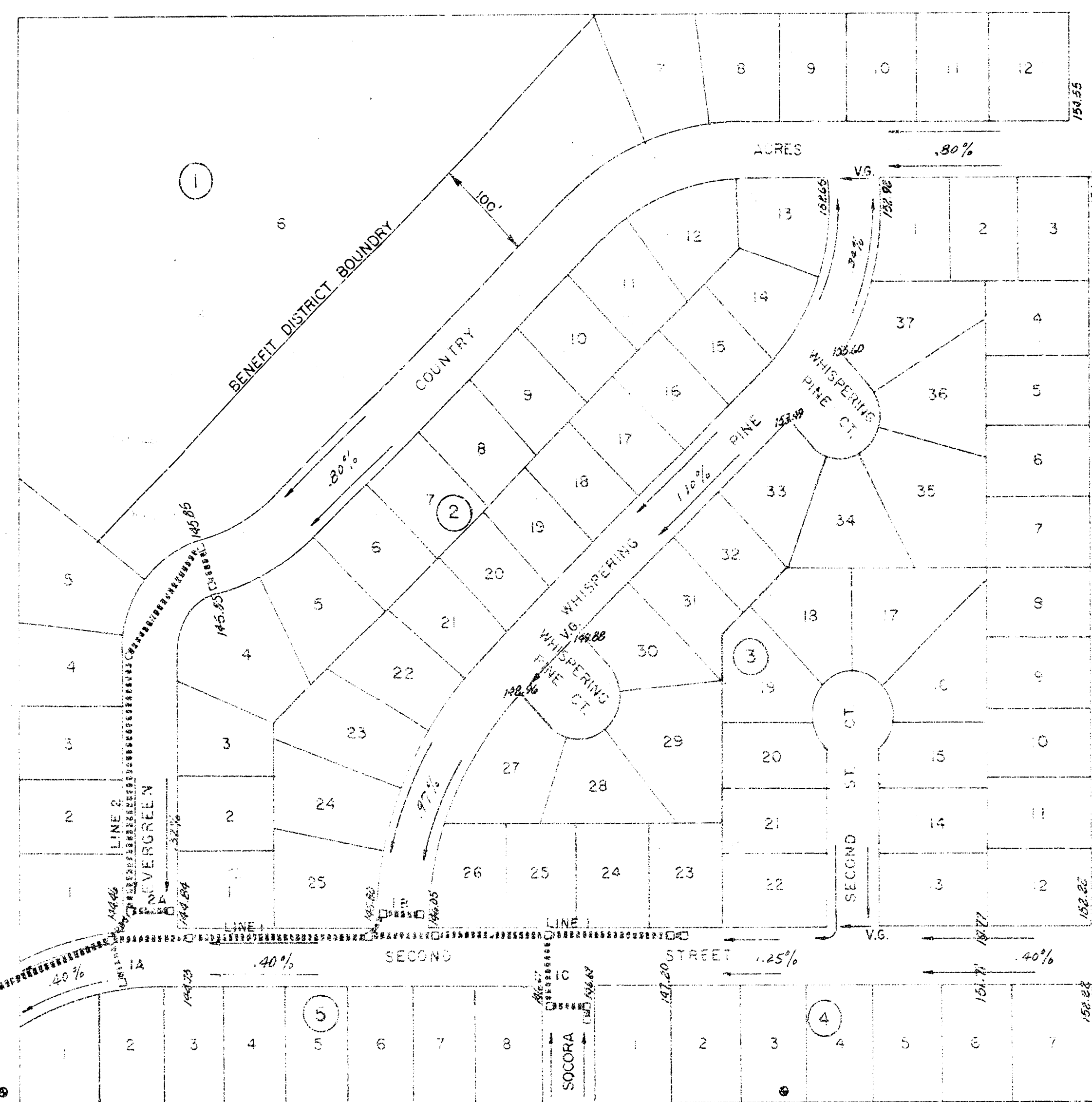
GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WITH PAVING AND SANITARY CONTRACTORS AND CONTACT RELEVANT UTILITY COMPANIES AND OTHER AGENCIES INVOLVED WITH THIS PROJECT SITE DEVELOPMENT.
2. FIELD ENGINEER SHALL MARK THIS TO ALL TURNS AND THUMBLES IN THE PROJECT AREA BEFORE CONSTRUCTION BEGINS. FIELD ENGINEER SHALL REPLACE ALL MARK TURNS AND THUMBLES DISAPPEARED DURING CONSTRUCTION.
3. THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR EXISTING ELEVATIONS. THE FIELD ENGINEER SHALL EXAMINE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED FINISH PLAYS TO THE PERTINENT STREET.
4. ALL METAL PIPES SHALL BE OFFICIALLY STANDARDIZED PIPE. ALL LARGE CORRUGATED PIPE SHALL BE SMOOTH FLOW PIPES FOR STEPS 24" DIAMETER AND LARGER. ALL CONNECTIONS FOR THESE PIPES SHALL BE EXTERIOR RIVETED CONNECTION USING BRASS TYPE CORNERS OF EQUAL.
5. ALL MANHOLES SHALL BE 6' x 6' CONCRETE UNLESS OTHERWISE NOTED.
6. THE RIPRAP FOR THIS PROJECT SHALL BE TYPE 3. THE TYPE 3 RIPRAP SHALL BE 12" RIPRAP ON 12" SAND AND GRAVEL BEDDING. THE ROCK FOR RIPRAP AND SPECIAL PROTECTION SHALL BE HARD, HEAVY, DENSE AND SHALL BE PERSONALLY WELL GRADED. THE SILE RANGE OF ROCK USED SHALL BE A MAXIMUM OF ONE CUBIC FOOT AND A MINIMUM OF 1 1/2" IN SIZE. THE 6" SAND AND GRAVEL BEDDING FOR RIPRAP SHALL BE A CONTINUOUS LAYER OF SAND AND GRAVEL OF SAND AND GRAVEL BEDDING, REASONABLY WELL GRADED TO A MINIMUM OF 1 1/2" IN SIZE.
7. CONTRACTOR SHALL AVOID CROSSING EXISTING WATER LINES UNLESS ABSOLUTELY NECESSARY. CROSSING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER DEPARTMENT ENGINEER.
8. CONTRACTOR SHALL HAVE THE OPTION OF EXISTING TYPICAL CIRCULAR TYPE 1A CORB INLETS IN LIEU OF THE SPECIAL TYPE STRAIGHT. THE STANDARD DETAIL FOR CAST TYPE 1A CORB INLET SHALL BE USED, 1975.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND PROTECTION OF CHANNELS.

• B.M. 1
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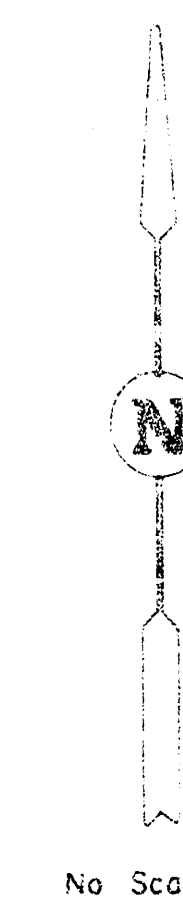
B.M. 2
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SW Cor. SE 1/4, NW 1/4
Sec 21, 27S, R1W

B.M. 3
(Page 5)

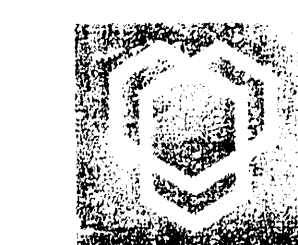
SE Cor. NW 1/4
Sec 21, 27S, R1W



No Scale

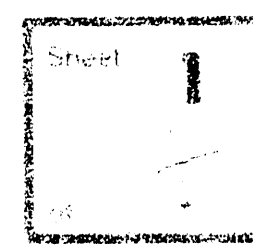
INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	CHANNEL IMPROVEMENT
4-5	LINE 1, 1A, 1F, 1G, 2, 2B
6	LINE 1, 1A, 2, 2A
7	STANDARD TYPE 1A INLET
8	CROSS SECTIONS



Van Doren - Hazard - Stallings

Architects • Engineers • Planners
Topographers • Surveyors • Mineralogists



468-76-245-30765-000-000-001

Contractor Shall Have All Existing
Underground Utilities Located
Prior To Excavation

B.M. #1: City Std. "A" cut top of center
conc. headwall to R.C.P. across
Tyler E. side Tyler Elev. = 137.27

Scale : 1" = 20' Hor
1" = 5' Ver

Willow Junior High School
(Grass Area)

Start Date: 01/01/2010

70 Temporary Const Est

Contractor responsible for
contact H.G.&E. to locate
buried Power line prior
to construction.

1. - Supplied by the

Contractor Shall Be Responsible
For Coordinating Reclamation
Costs With FEMA

Contractor to contact Southwest Bell prior to construction for exact location of buried telephone cable.

2. $\frac{1}{2} \times 10 = 5$

② Second Side
(Gazal)

0 0000000000 00 0 00000000 0

Lot 10
Block A

Lot 16

292 LF of channel w/ 4' bottom @ +137
very side slopes to match existing top
bank see cross sections

Sta. 6+50 Begin Project

Buried Telephone

3. *buried Power*

South Top Of San

Nor in Top Of Bar

0.0443 (100.00%)

Existing Ground @ 4

Fig. 1. A schematic diagram of the experimental setup. The subject is seated in a chair, viewing a screen. The screen displays a target (a small circle) and a starting point (a larger circle). The subject's hand is positioned at the starting point. The distance between the starting point and the target is labeled as d . The subject's hand is moved towards the target, and the distance between the hand and the target is labeled as x . The subject's hand is moved towards the target, and the distance between the hand and the target is labeled as x .

— 15 —

24 AC

443

1.47

257

1.5.

1

468-76-245-30755-000-000-001

