

S. W. S. NO. 159

STORM SEWERS IN WHISPERING PINES ESTATES

PROJECT NO.

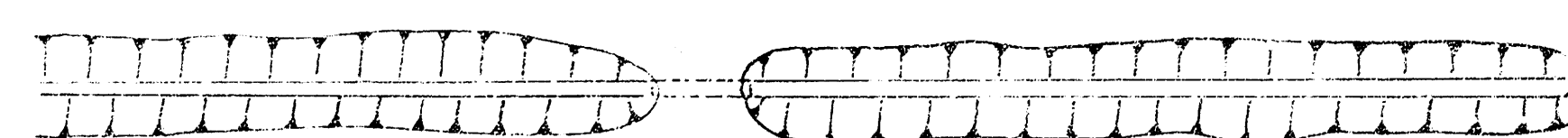
468-76-245-80755-000-000-001

CITY OF WICHITA, KANSAS
DEAN SELLERS, ACTING CITY ENGINEER

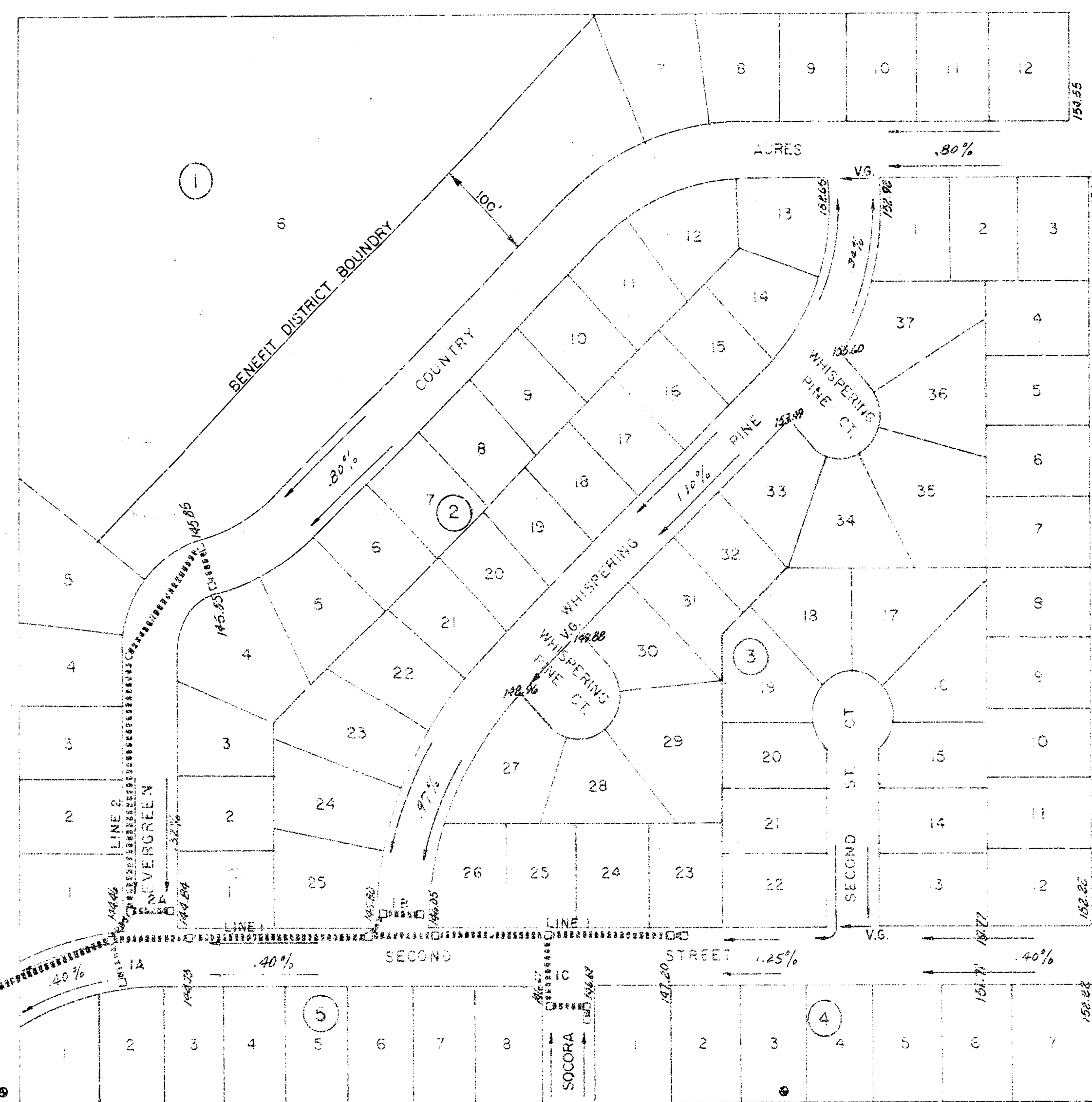
GENERAL NOTES

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 SINK HOLES AND THUMBLES DISRUPTED 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 LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS 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' DIA. 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 DISRUPTING EXISTING WATER LINES UNLESS ABSOLUTELY NECESSARY. REPAIRING 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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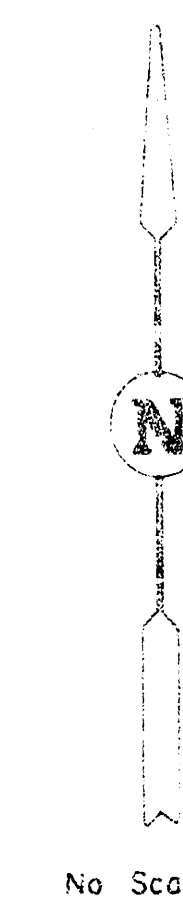
B.M. 2
(Page 4)



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



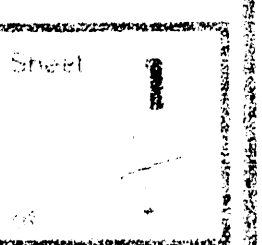
INDEX TO DRAWINGS

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



Van Doren - Hazard - Stallings

Architects • Engineers • Planners
Topographers • Writers • Miners



WHISPERING PINES ESTATES
468-76-245-30755-000-000-001

Whisper Junior High School
(Grass Area)

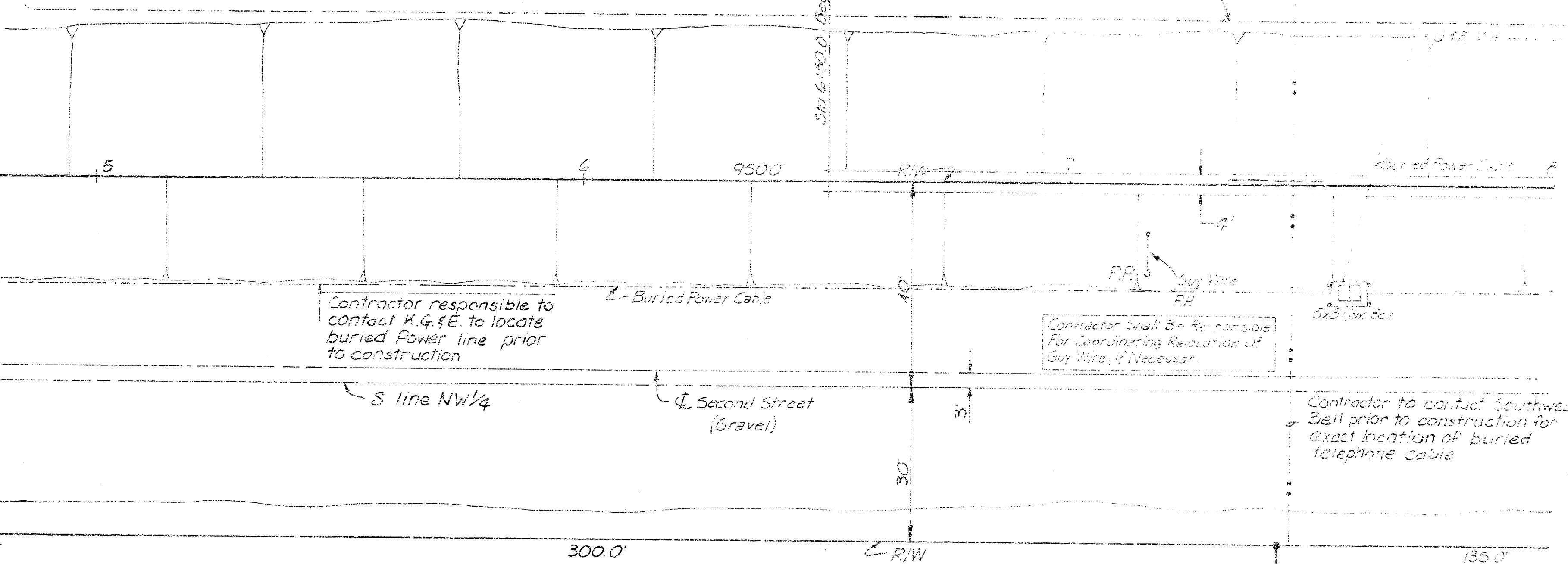
Sta 6+00.00 Begin Project

10' Temporary Const. Easement

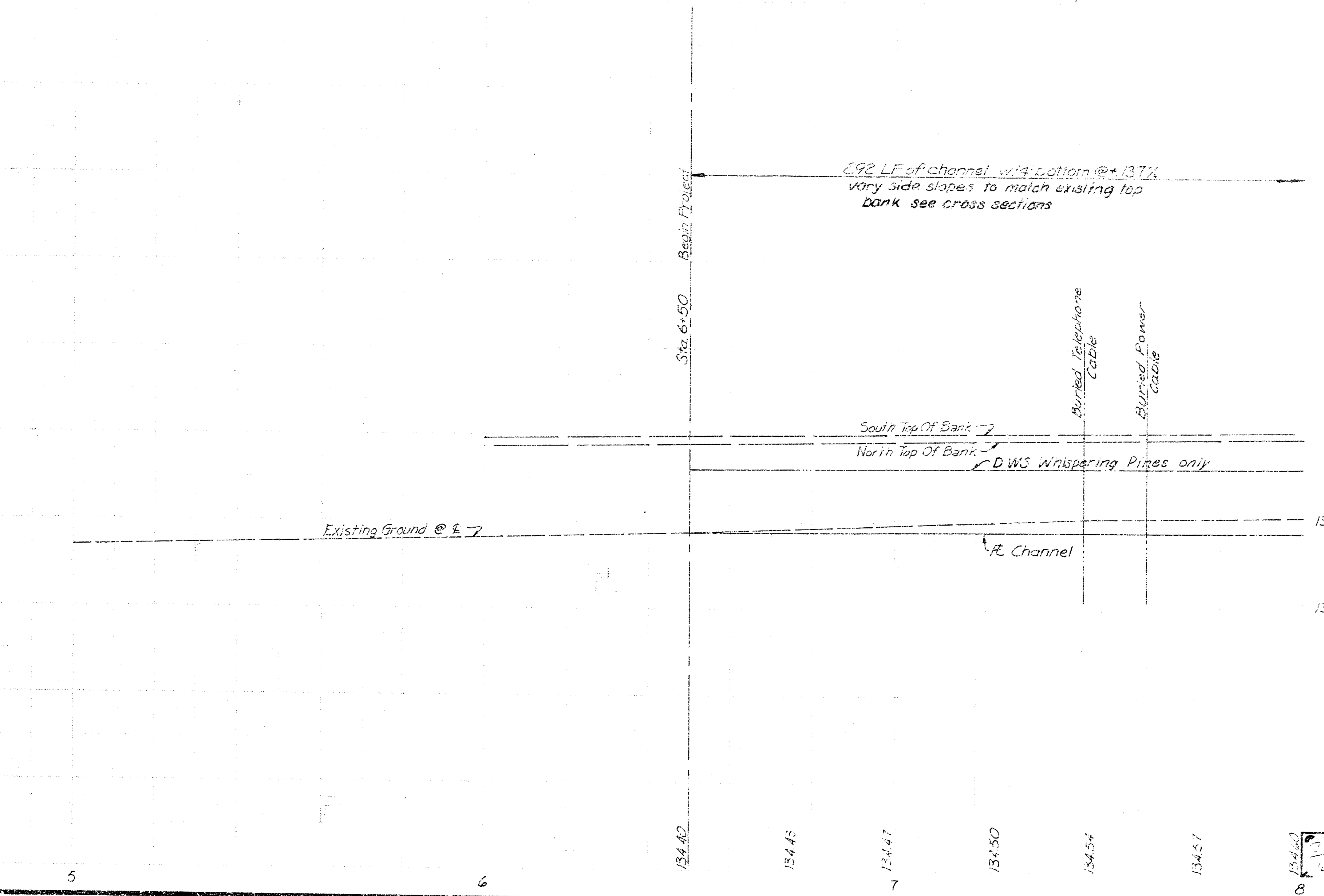
Contractor Shall Have All Existing
Underground Utilities Located
Prior To Excavation



Scale: 1" = 20' Horiz.
1" = 5' Vert.



B.M. #1: City Sidewalk out top of center
conc. headwall to RCP across
Tyler E. side Tyler Elev. +137.25



WHISPERING PINES ESTATES

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