

Sanitary Sewer Extensions to Serve SHARON'S ORCHARD ADDITION

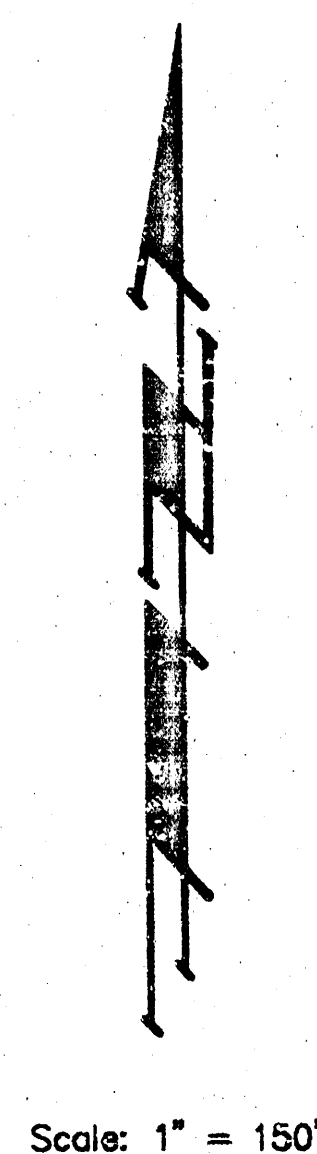
LATERAL 6, MAIN 11, S.W.I.

Project No.

468-76-245-82050-000-000-001

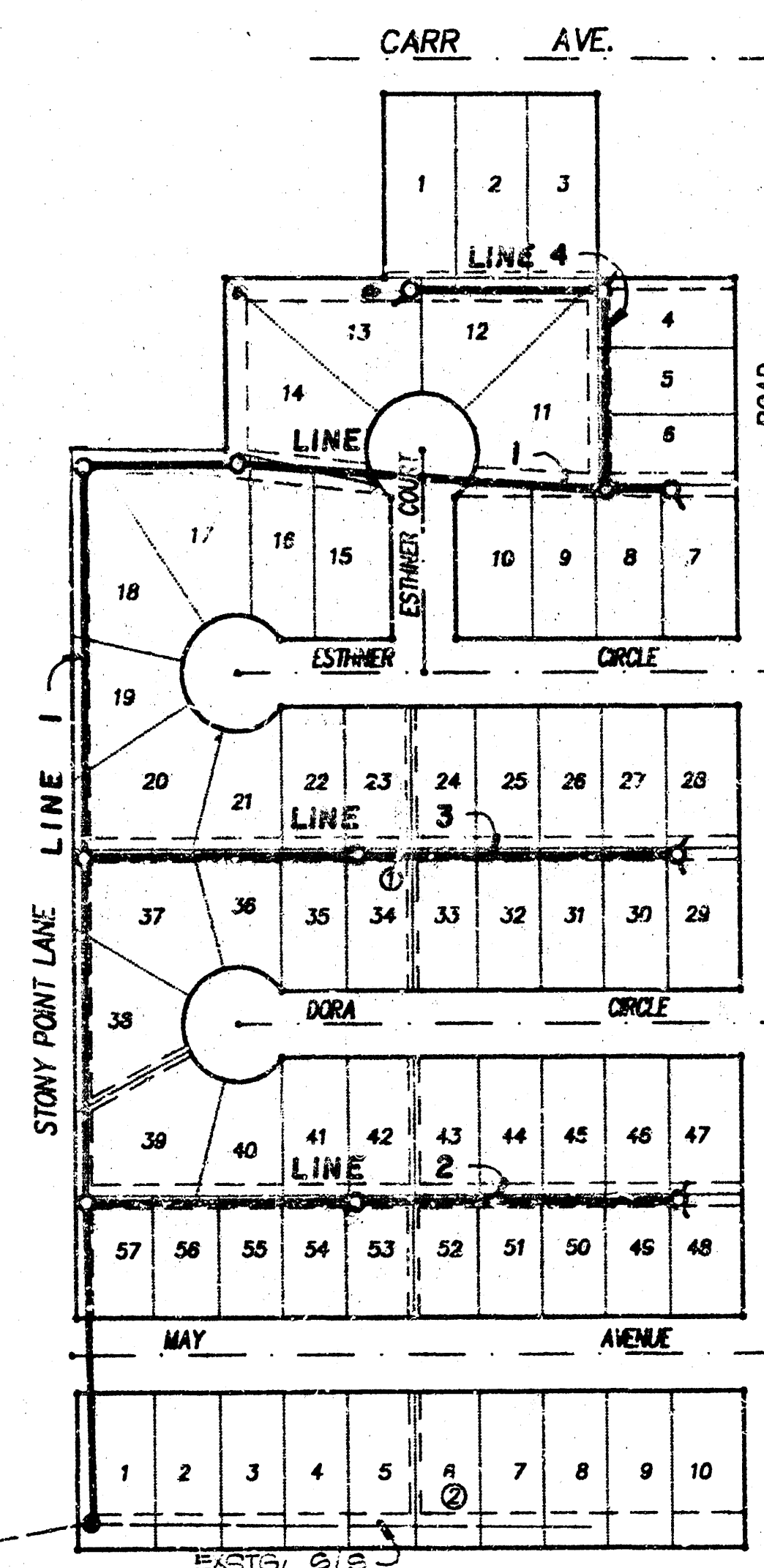
City of Wichita, Kansas - Michael E. Lindebak, City Engineer

INDEX CODE 740480



1. R.R. SPIKE, P-POLL (S) 60' N. NE COR. MAIZE RD.
AT MAY AVE. 48' E & MAIZE RD.
ELEV. = 140.65 C.D.
2. R.R. SPIKE, E.S. HLP 10' N & 60' W SW COR. LT. 1,
BLK. 2 SHARON'S ORCHARD ADDN.
ELEV. = 142.02 C.D.
3. R.R. SPIKE, E.S. P-POLE 71' S & 2.5' W NW COR.
LOT 18, BLK. 1 SHARON'S ORCHARD ADDN.
ELEV. = 140.39 C.D.
4. "D" CUT T.C. S'E. END EXSTS. CB. NS. CARR AVE.,
NE. COR. CARR ST. & MAIZE RD.
ELEV. = 137.56 C.D.

BENEFIT DIST. ☐

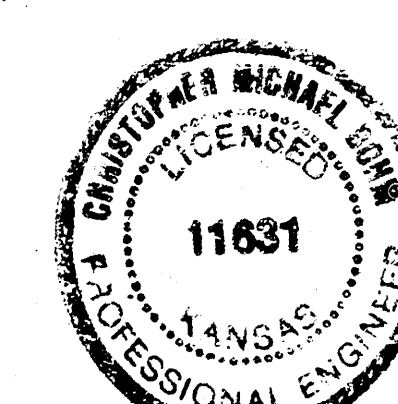
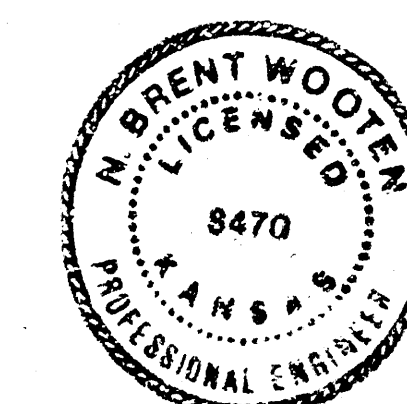


GENERAL NOTES

1. Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
2. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
3. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.

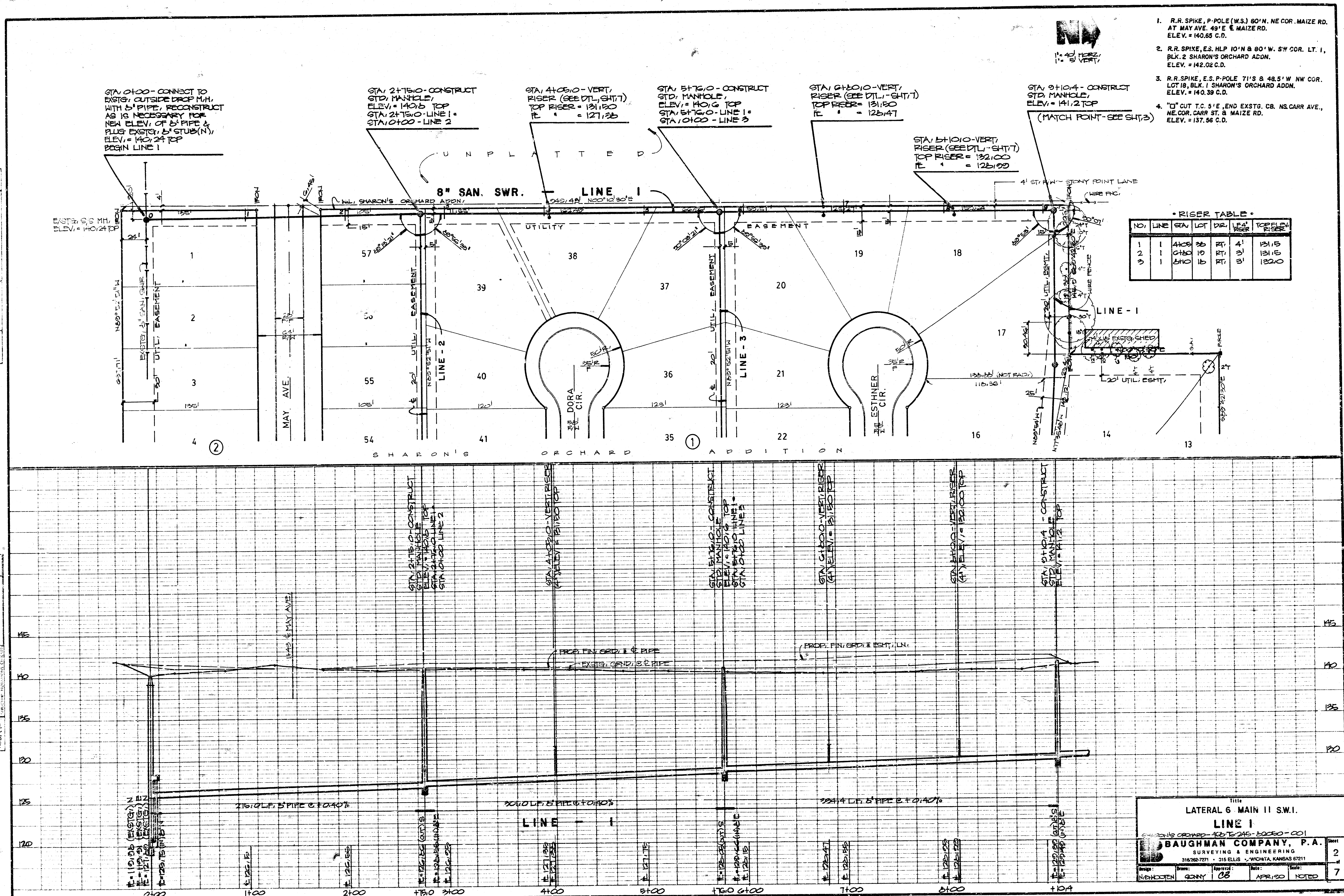
TITLE SHEET	1
PLAN/PROFILE:	
LINE 1	2
LINE 1 & 4	3
LINE 2	4
LINE 3	5
EASEMENT GRADING PLAN	6
VERT. RISER DETAIL	7

BUILT PER PLAN
RDL
10-90



BAUGHMAN COMPANY P. A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

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1. R.R. SPIKE, P-POLE (W.S.) 80' N. NE COR. MAIZE RD. AT MAY AVE. 49' E & MAIZE RD. ELEV. = 140.65 C.D.
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3. R.R. SPIKE, E.S. P-POLE 71' S & 48.5' W NW COR. LOT 18, BLK. 1 SHARON'S ORCHARD ADDN. ELEV. = 140.39 C.D.
4. "D" CUT T.C. 5' E. END EXIST. CB. NS CARR AVE., NE COR. CARR ST. & MAIZE RD. ELEV. = 137.56 C.D.

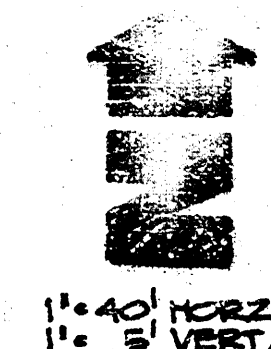
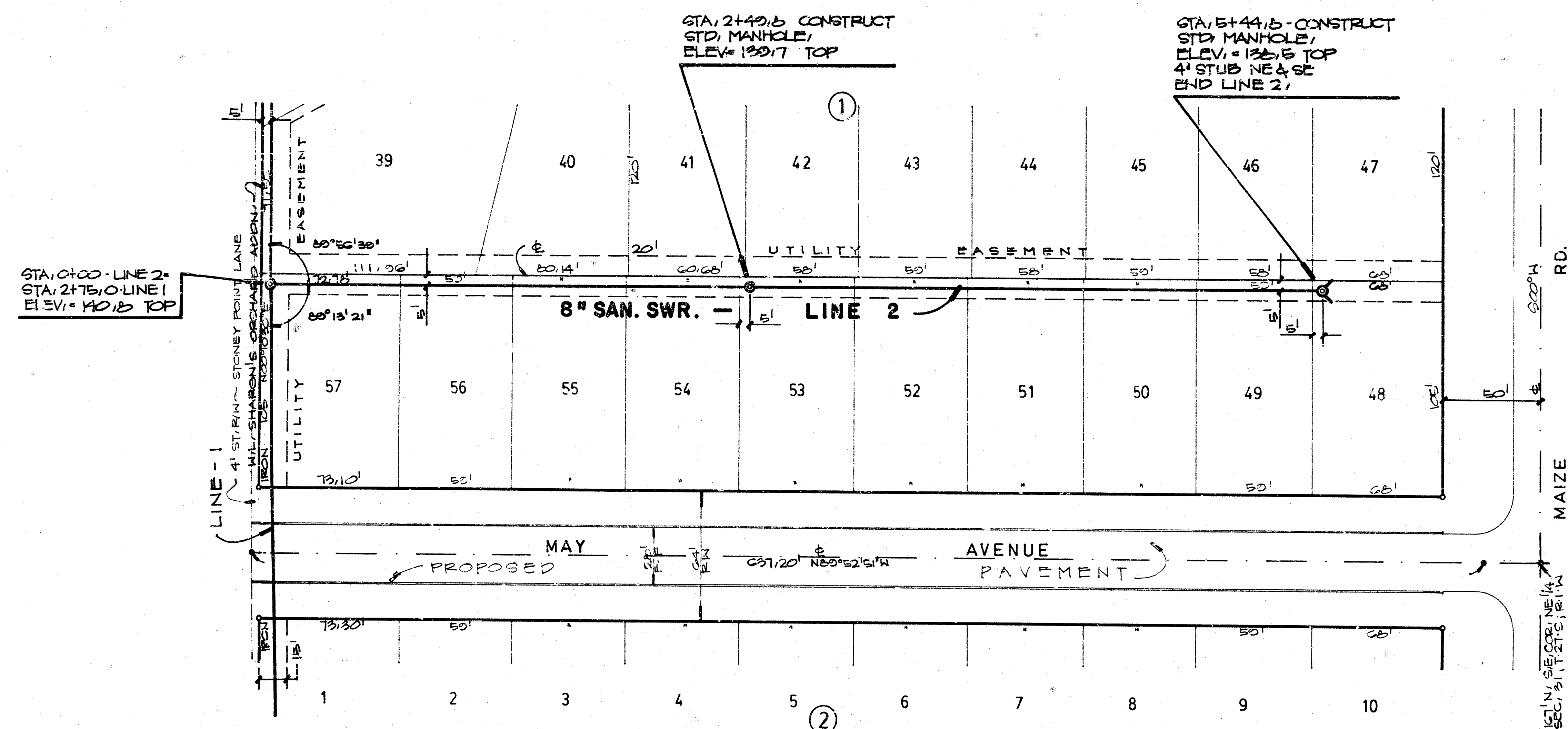
*** RISER TABLE ***

NO.	LINE	STA	LOT	DIR.	LEA. RISE	TOP ELEV. RISE
1	1	4105	26	RT.	4'	131.5
2	1	4160	19	RT.	3'	131.5
3	1	5110	15	RT.	5'	132.0

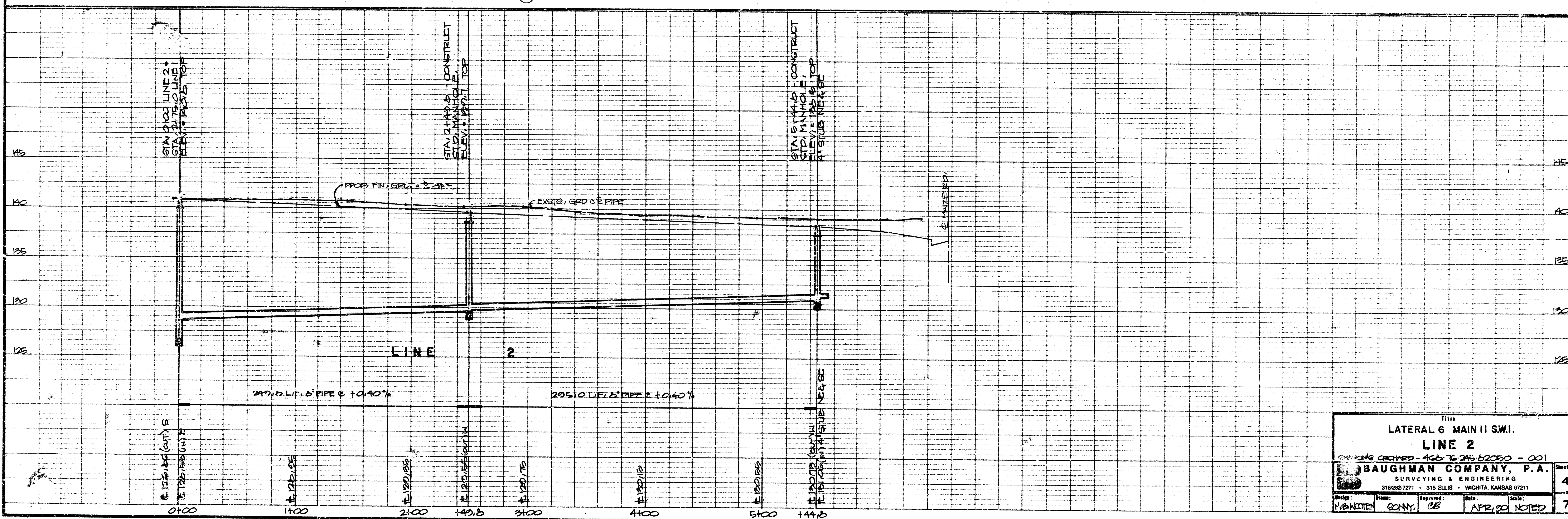
Title
LATERAL 6 MAIN 11 SW.1.
LINE 1
 SHARON'S ORCHARD - 130' TO 245' - 20050 - 001
BAUGHMAN COMPANY, P.A.
 SURVEYING & ENGINEERING
 316-782-7271 • 315 ELLIS • WICHITA, KANSAS 67211
 Design: NENHOFEN Drawn: GANNY Approved: CB Date: APR/20 Scale: NOTED

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SHARON'S ORCHARD ADDITION



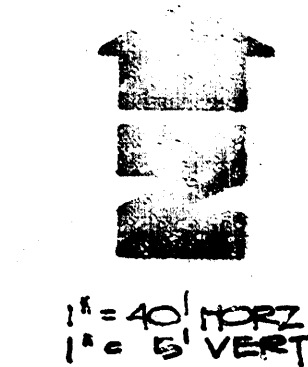
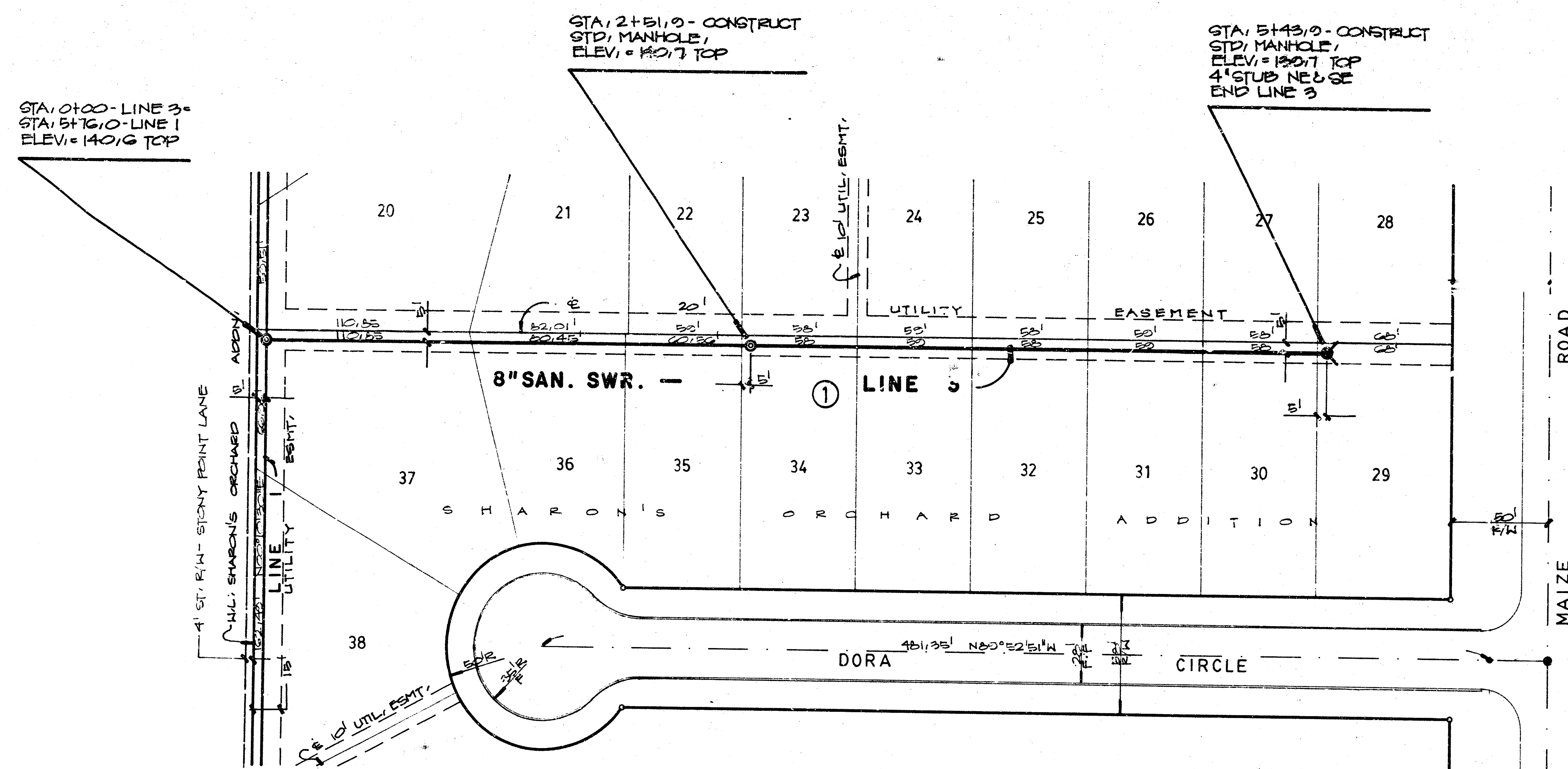
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3. R.R. SPIKE, E.S. P-POLE 71' S & 48.5' W NW COR. LOT 18, BLK. 1 SHARON'S ORCHARD ADDN. ELEV. = 140.39 C.D.
4. "D" CUT T.C. 5' E, END EXSTG. CB. NS. CARR AVE., NE COR. CARR ST. & MAIZE RD. ELEV. = 137.56 C.D.



TITLE			
LATERAL 6 MAIN 11 SW.1.			
LINE 2			
SHARON'S ORCHARD - 145' E. 245' S. 225' W. - 001			
BAUGHMAN COMPANY, P.A.			
SURVEYING & ENGINEERING			
316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
Drawn:	Checked:	Approved:	Date:
V. B. MOORE	SCANNY	CB	APR. 20, 1987
Sheet	4	Scale:	7

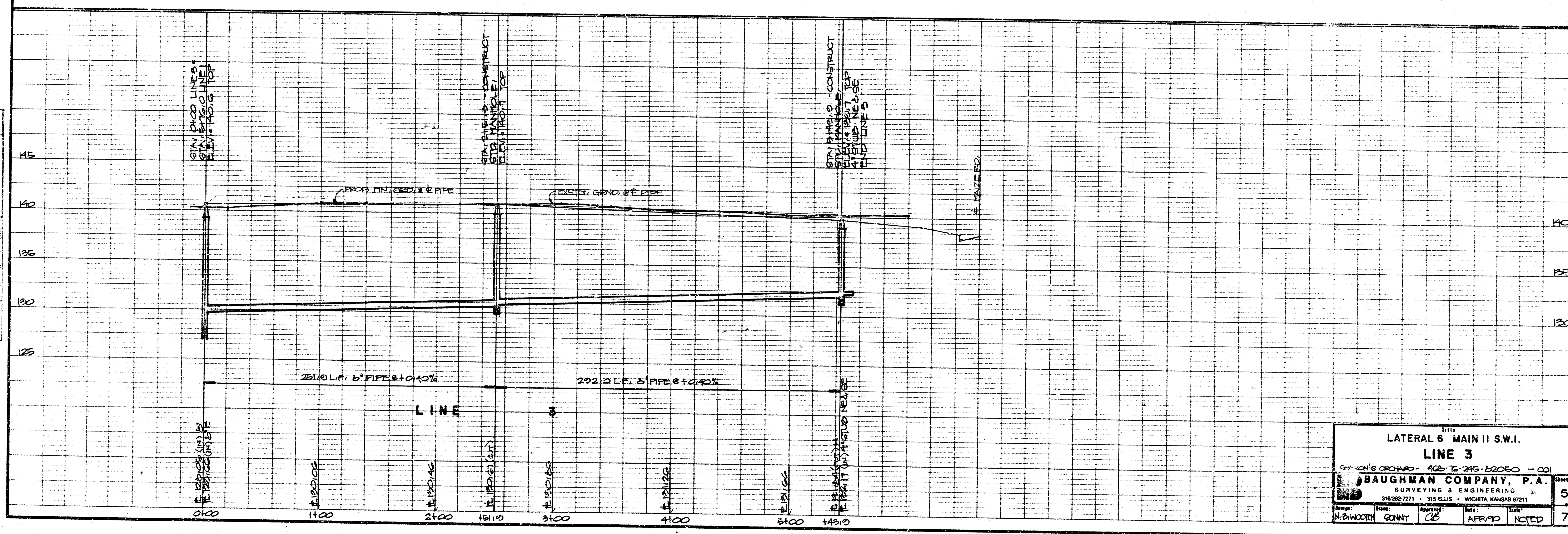
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Project	Sharon's Orchard Addition
Client	Sharon's Orchard
Location	Sharon's Orchard
Scale	1" = 40' HORIZ., 1" = 5' VERT.
Sheet	5 of 7



1. R.R. SPIKE, P-POLE (W.S.) 80' N. NE COR. MAIZE RD. AT MAY AVE. 49' E. MAIZE RD. ELEV. = 140.65 C.D.
2. R.R. SPIKE, E.S. HLP 10' N & 80' W SW COR. LT. 1, BLK. 2 SHARON'S ORCHARD ADDN. ELEV. = 142.02 C.D.
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Profile	Sharon's Orchard
Client	Sharon's Orchard
Location	Sharon's Orchard
Scale	1" = 40' HORIZ., 1" = 5' VERT.
Sheet	5 of 7



LATERAL 6 MAIN II S.W.I.			
LINE 3			
SHARON'S ORCHARD - 462-76-245-82050 - 001			
BAUGHMAN COMPANY, P.A.			
SURVEYING & ENGINEERING			
315/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
Design:	Drawn:	Approved:	Date:
NIDWORTH	GINNY	CB	APR/90
Scale:	NOTED		
Sheet	5		
	7		

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VERTICAL RISER DETAIL

ADOPTED AS STANDARD DESIGN
BY

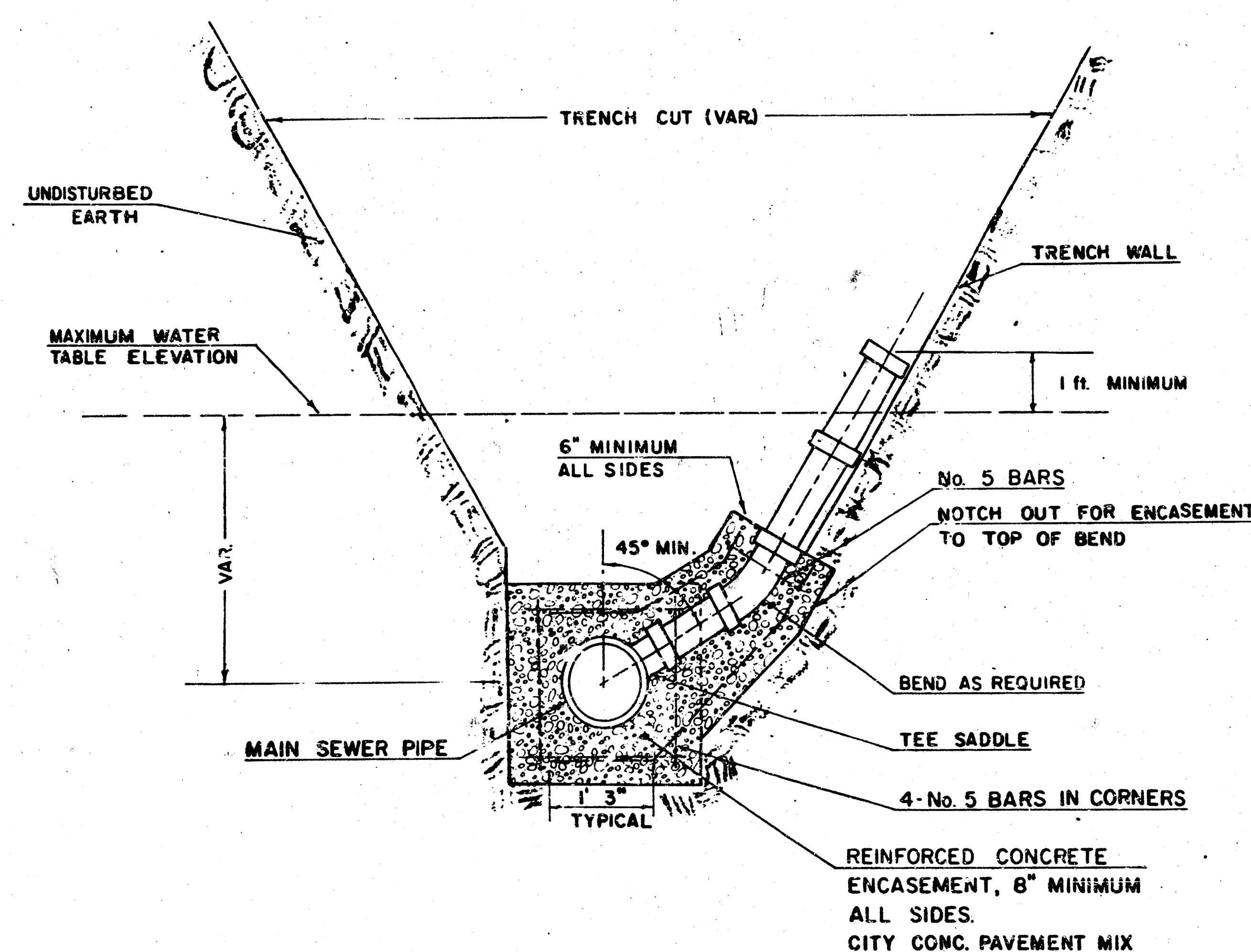
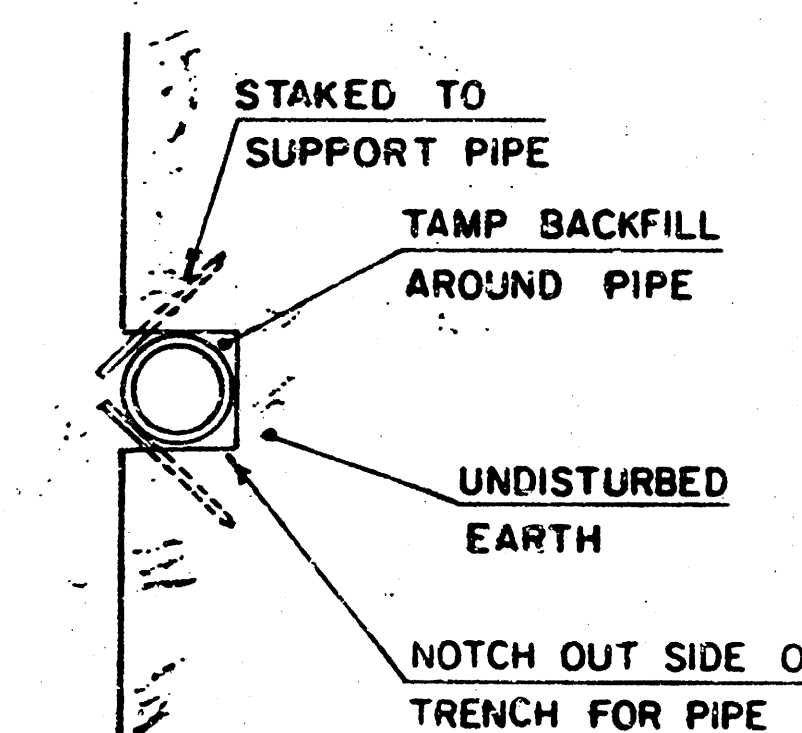
CITY OF WICHITA, KANSAS

GENERAL NOTE

RISERS SHALL BE INSTALLED TO SERVE ALL LOTS OR TRACTS WHEN THE MAIN SEWER LINE IS BELOW THE WATER TABLE. RISERS SHALL ALSO BE INSTALLED TO SERVE ALL LOTS AND TRACTS WHEN THE MAIN SEWER LINE DEPTH IS SUCH THAT WOULD MAKE THE BUILDING SEWER LINE CONNECTION DIFFICULT. THE LOCATION OF RISERS TO SERVE DEVELOPED PROPERTY SHALL BE APPROVED BY THE PROPERTY OWNER. PIPE STUBS SHALL BE INSTALLED IN MANHOLES WHERE LOCATIONS OF MANHOLES WILL PROVIDE SATISFACTORY SERVICE CONNECTIONS AS DETERMINED BY THE FIELD ENGINEER. THE VERTICAL DISTANCE BETWEEN THE FLOW LINE OF THE MANHOLE PIPE STUB AND THE FLOW LINE OF THE MAIN SEWER LINE SHALL NOT EXCEED 4 FT. MANHOLE PIPE STUBS SHALL NOT BE SET BELOW AN ELEVATION WHICH WILL PERMIT THE TOP OF THE INSIDE OF THE STUB TO MATCH THE TOP OF THE INSIDE OF THE MAIN SEWER PIPE. PIPE STUBS AND RISERS INSTALLED TO SERVE COMMERCIAL OR INDUSTRIAL PROPERTY SHALL BE 6 INCH. PIPE STUBS AND RISERS INSTALLED TO SERVE RESIDENTIAL PROPERTY MAY BE EITHER 6 INCH OR 4 INCH DEPENDING UPON THE AVAILABLE GRADE AND THE SIZE OF THE LOT AS DETERMINED BY THE FIELD ENGINEER. ENCASEMENT OF VITRIFIED CLAY MAIN SEWER PIPE SHALL EXTEND TO THE FIRST JOINT IN THE MAIN SEWER CLAY PIPE ON EACH SIDE OF THE RISER INSTALLATION. ENCASEMENT OF A.B.S. COMPOSITE OR P.V.C. MAIN SEWER PIPE SHALL EXTEND A MINIMUM OF 3 FT. ON BOTH SIDES OF THE CENTERLINE OF THE RISER. FOUR INCH AND SIX INCH RISER PIPE SHALL BE ENCASED WITH CONCRETE TO THE TOP OF THE BEND AS INDICATED IN THE DRAWINGS. FOUR INCH AND SIX INCH CLAY PIPE USED FOR RISERS SHALL BE EXTRA STRENGTH PIPE CONFORMING TO THE REQUIREMENTS OF THE LATEST REVISION OF A.S.T.M. DESIGNATION C700 WITH COMPRESSION JOINTS AS SPECIFIED FOR CLAY PIPE IN THE STANDARD SPECIFICATIONS. FOUR INCH AND SIX INCH A.B.S. OR P.V.C. PIPE SHALL BE PIPE APPROVED FOR USE IN THE CITY BY THE CHIEF PLUMBING AND MECHANICAL INSPECTOR FOR THE CENTRAL INSPECTION DIVISION OF THE DEPARTMENT OF HOUSING AND ECONOMIC DEVELOPMENT. LOCATIONS OF THE ENDS OF THE RISERS SHALL BE MARKED BY FASTENING GREEN COLORED PLASTIC TAPE TO THE END OF THE RISER WHICH SHALL BE EXTENDED TO THE GROUND SURFACE AS THE EXCAVATION IS BACKFILLED SUCH THAT THE COLORED TAPE WILL BE VISIBLE WHEN THE PROJECT IS COMPLETED. SUCH GREEN PLASTIC TAPE SHALL BE 4 MIL POLYETHYLENE FILM WITH A MINIMUM WIDTH OF 3" SPECIALLY MANUFACTURED FOR THE PURPOSE OF IDENTIFICATION OF UNDERGROUND SEWERS. THE ENDS OF THE RISER PIPE AND MANHOLE STUBS SHALL BE CAPPED OR PLUGGED USING FITTINGS FURNISHED BY THE MANUFACTURER OF THE PIPE. CONTRACTOR'S METHODS FOR SUPPORTING AND BACKFILLING RISER PIPE SHALL BE APPROVED BY THE ENGINEER.

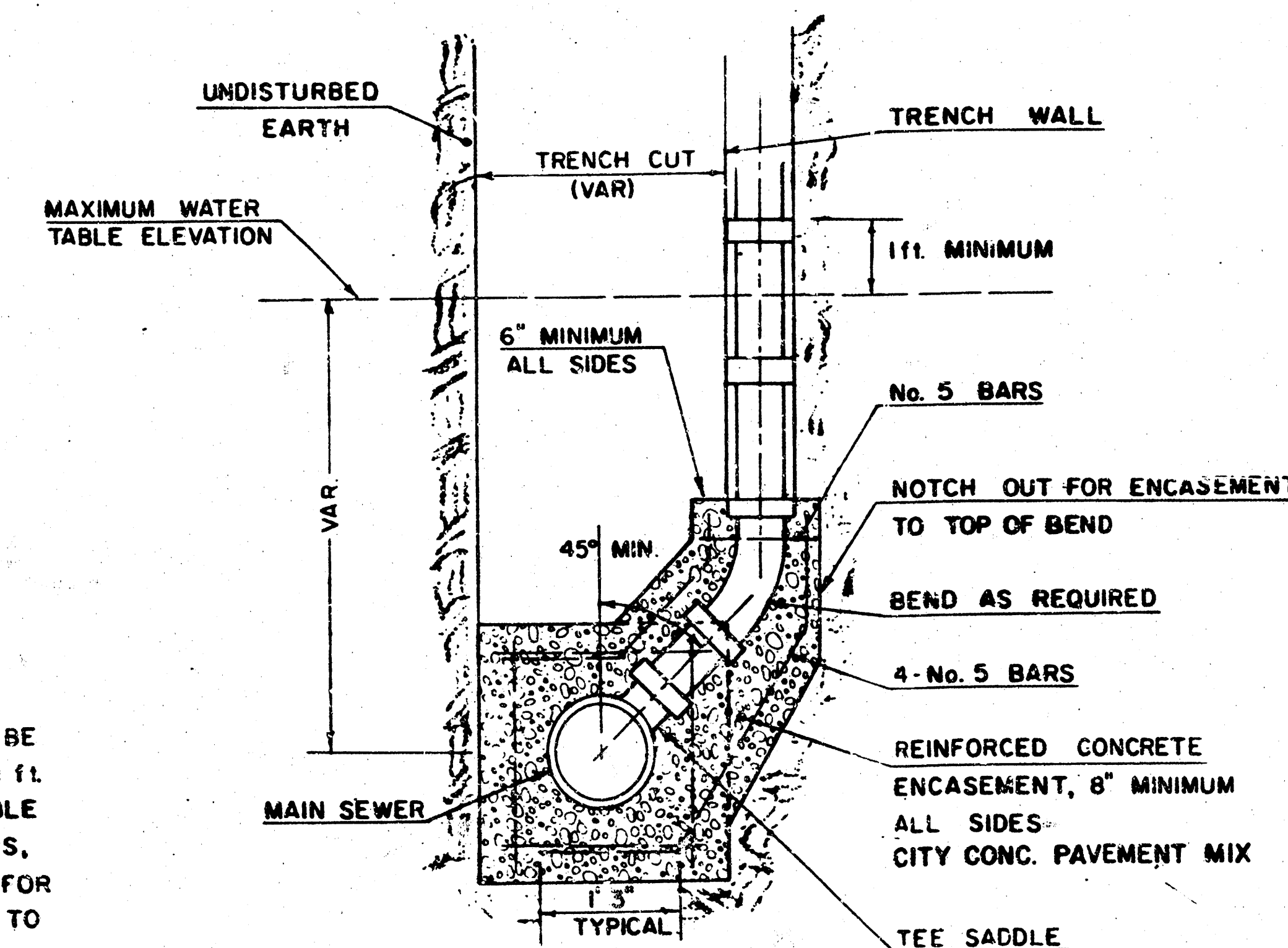
FURNISHING AND INSTALLING RISERS SHALL BE PAID FOR AT THE UNIT PRICES BID FOR 4" PIPE, 6" PIPE AND REINFORCED CONCRETE ENCASEMENT FOR THE VARIOUS MAIN SEWER PIPE SIZES INDICATED; WHICH PRICE SHALL INCLUDE ALL COSTS FOR COMPLETION OF THIS ITEM INCLUDING SADDLES, BENDS, CONCRETE, REINFORCING STEEL, CAPS OR PLUGS, AND ALL OTHER NECESSARY MATERIALS OR WORK. CONCRETE ENCASEMENT OF THE RISER PIPE TO THE TOP OF THE BEND AS SHOWN IN THE DRAWINGS WILL NOT BE PAID FOR DIRECTLY AND THE COST FOR THIS WORK SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER ITEMS OF WORK.

THE PROJECT INSPECTOR SHALL REPORT ON INSPECTOR CARDS THE LOCATION OF ALL RISERS CONSTRUCTED AS MEASURED FROM THE NEAREST MANHOLE, THE DIRECTION OF SERVICE, THE ELEVATION OF THE TOP OF THE RISER, AND THE PAY QUANTITIES INVOLVED. THE PROJECT INSPECTOR SHALL ALSO REPORT ON INSPECTOR CARDS THE LOCATION, DIRECTION OF SERVICE, AND SIZE OF ALL STUBS INSTALLED IN MANHOLES.



TYPICAL RISER FOR SLOPING TRENCH WALLS

NOTE:
TOP OF 4" OR 6" RISER PIPE TO BE EXTENDED TO AN ELEVATION OF 1 FT. MINIMUM ABOVE THE WATER TABLE ELEVATION, WHEN WATER EXISTS, OR TO AN ELEVATION SUITABLE FOR PROVIDING SERVICE TO THE LOT TO BE SERVED AND THEN PLUGGED.



TYPICAL RISER FOR VERTICAL TRENCH WALLS