

Lateral 234, S.W. Interceptor

to serve

THE NETT PARK ADDITION

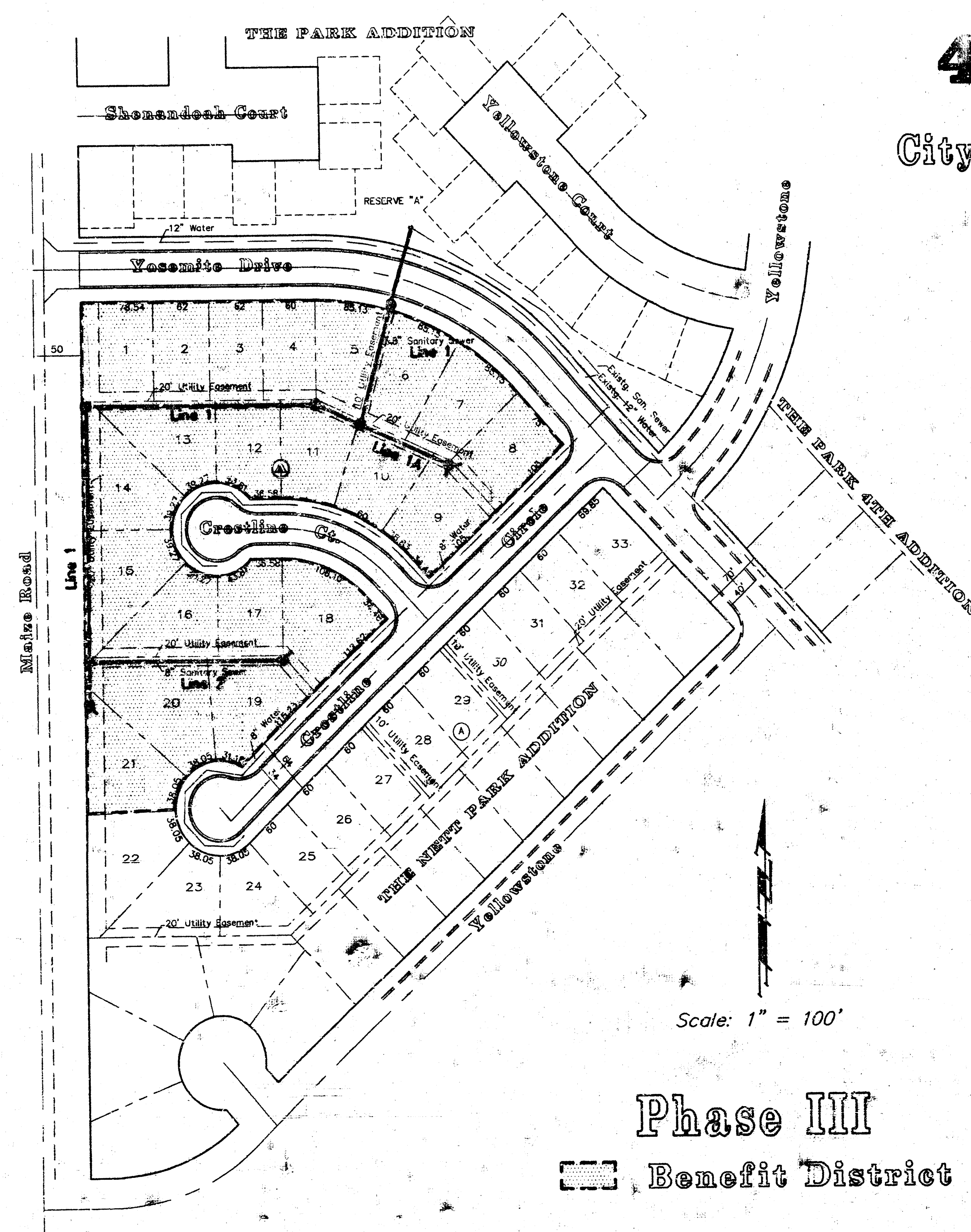
Lots 1 - 21 inclusive, Block A

Project No.

468 76 245 81645 000 000 001

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

Index Code: **740894**

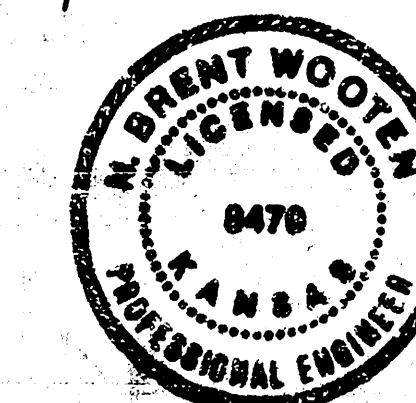


General Notes

- 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.
- The Contractor shall notify pipeline companies at least 24 hours in advance of any work being performed across and/or adjacent to pipelines.
- The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.
- 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.
- Contractor shall grade the sanitary sewer alignment to the profile and elevation shown on the plans. All cost for grading shall be subsidiary to the project.
- The contractor shall co-ordinate construction of the sanitary sewer with that of the water line for this same area.
- All excess excavation material shall be disposed of on sites approved by the engineer. The contractor shall contact Gaylan Nett, 942-0446, for permission to dispose of excavation within The Nett Park.

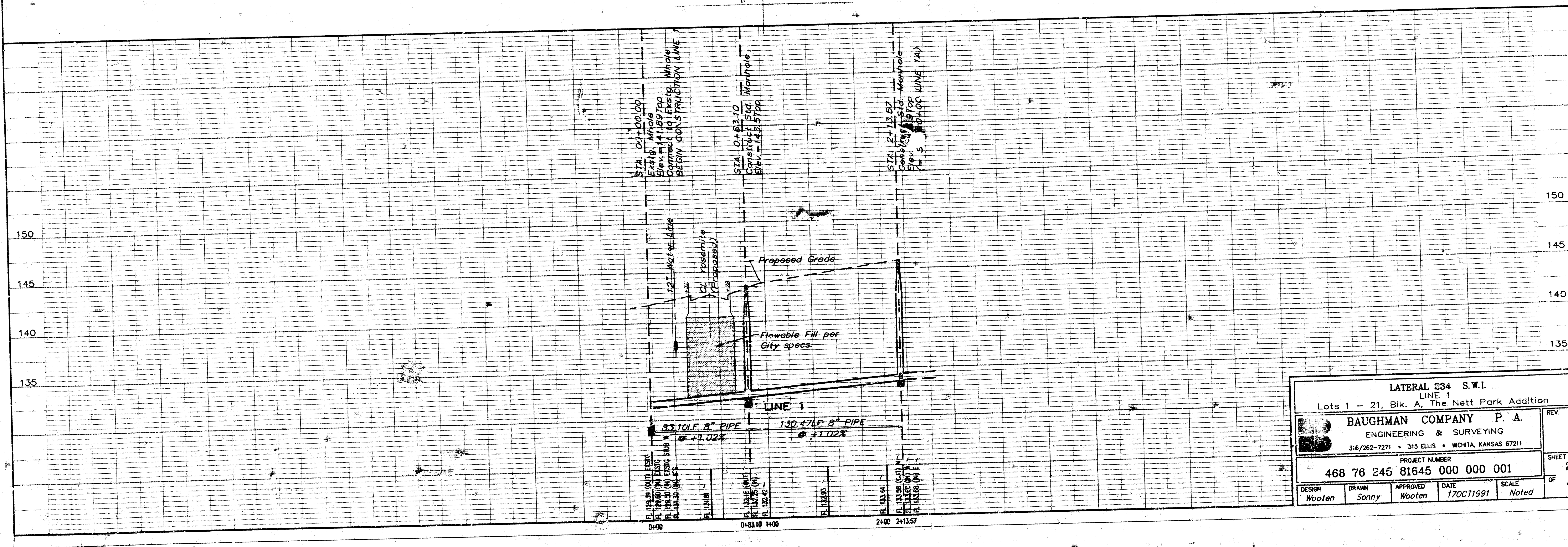
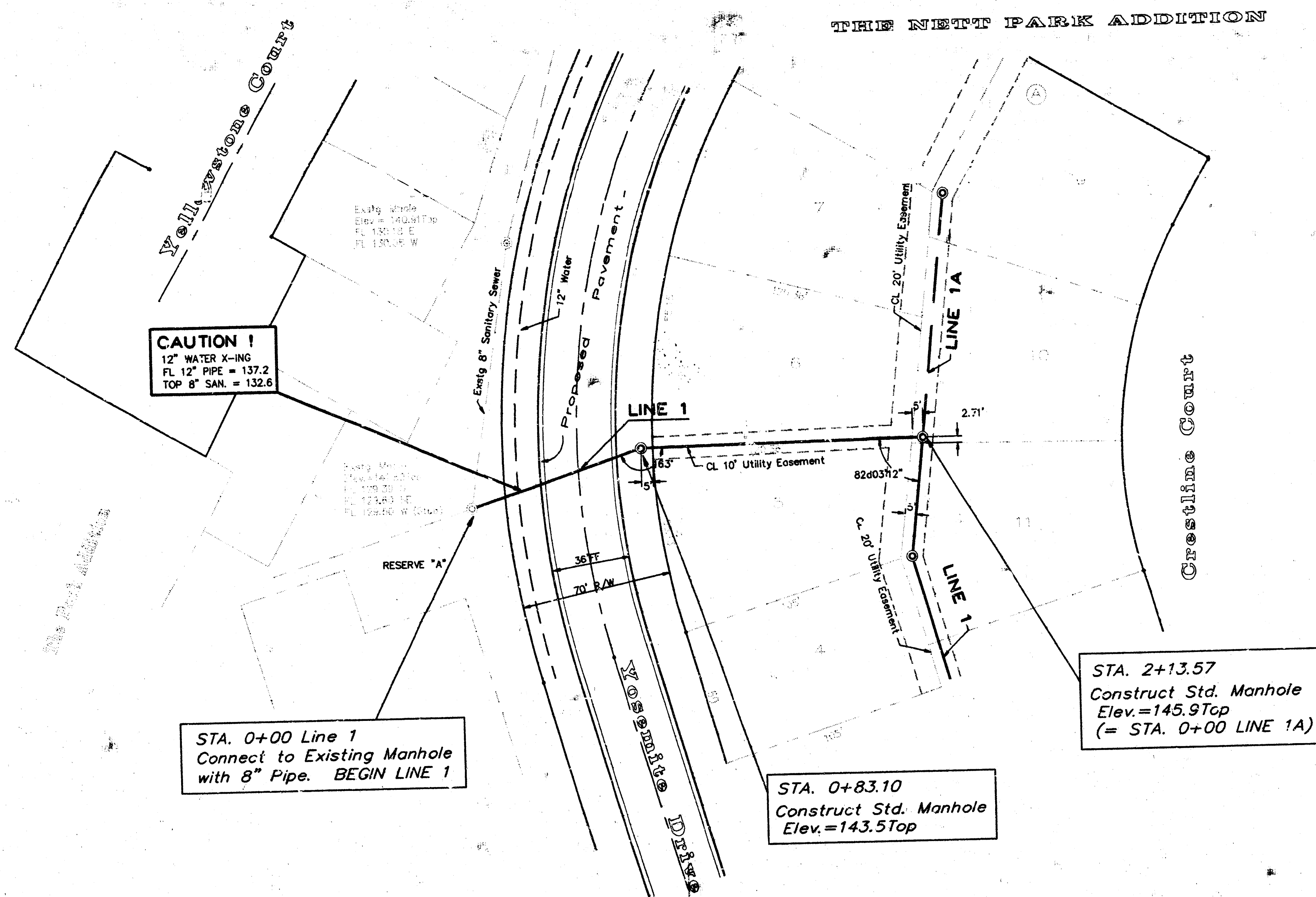
Index of Sheets

TITLE SHEET	1
PLAN/PROFILE - LINE 1	2 - 4
PLAN/PROFILE - LINE 1 & 1A	3
PLAN/PROFILE - LINE 2	5
EASEMENT GRADING PLAN	6
MANHOLE DETAIL SHEET	7
PLAT COPY	8



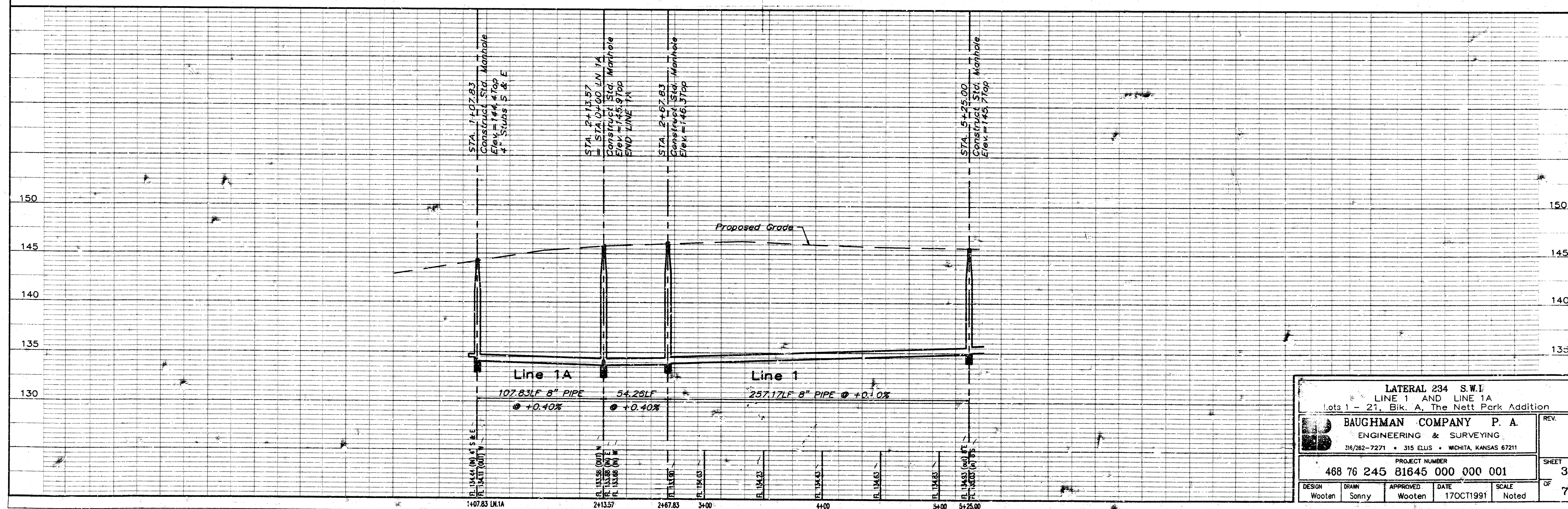
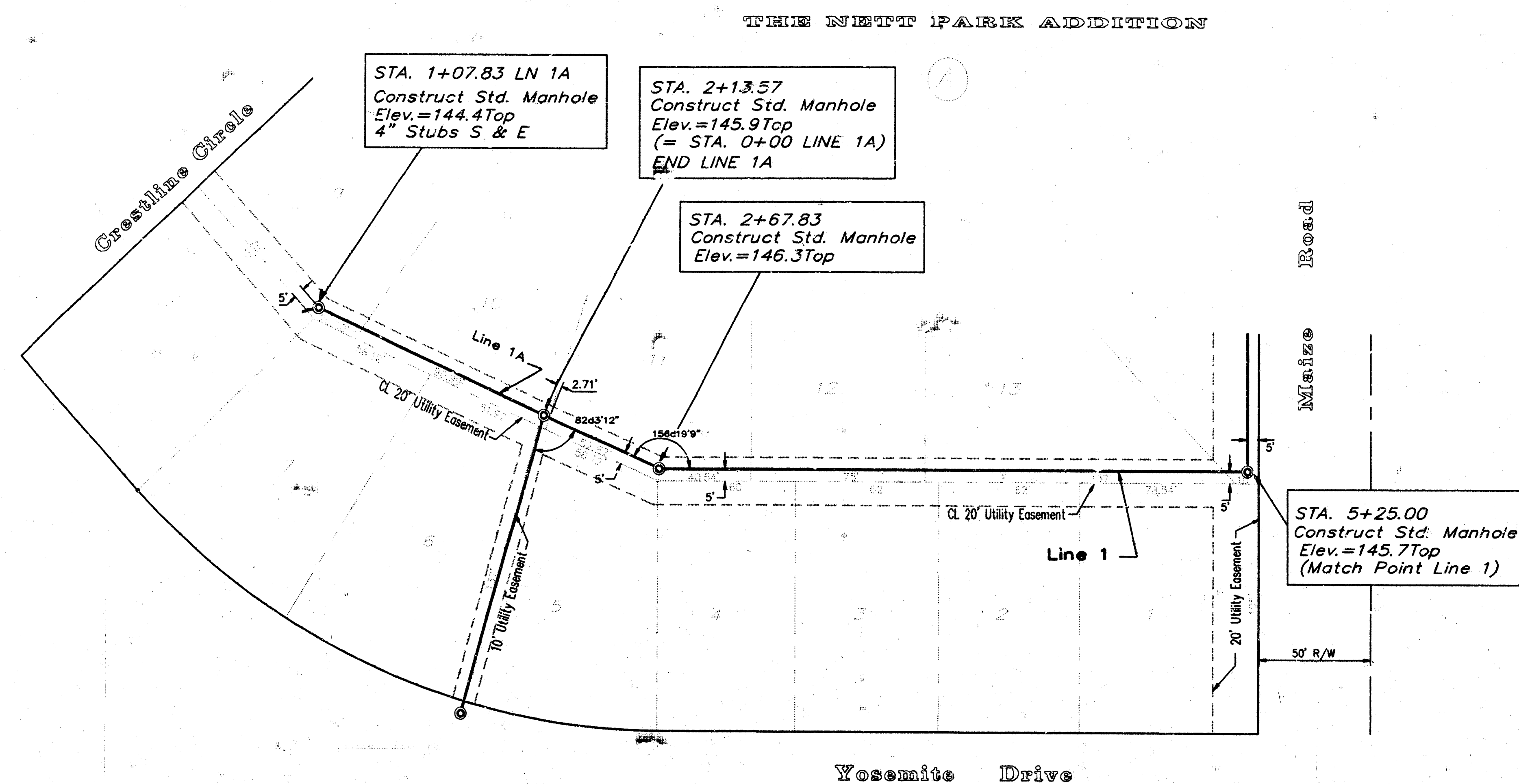
Benchmarks:

1. City Disc: Maize Rd. @ 27th St. So. 25' E. and 4' S. of 1/4 Sec. cor. Elev. = 145.54 City datum
2. City Disc: S.E. Cor. N.W. 1/4 Sec. (Sec. 5, T28S, R1W) Elev. = 128.38 City datum
3. "X" Cut Top of curb N. end N.W. return Yosemite @ Yellowstone. Elev. = 139.98 City datum



Benchmarks:

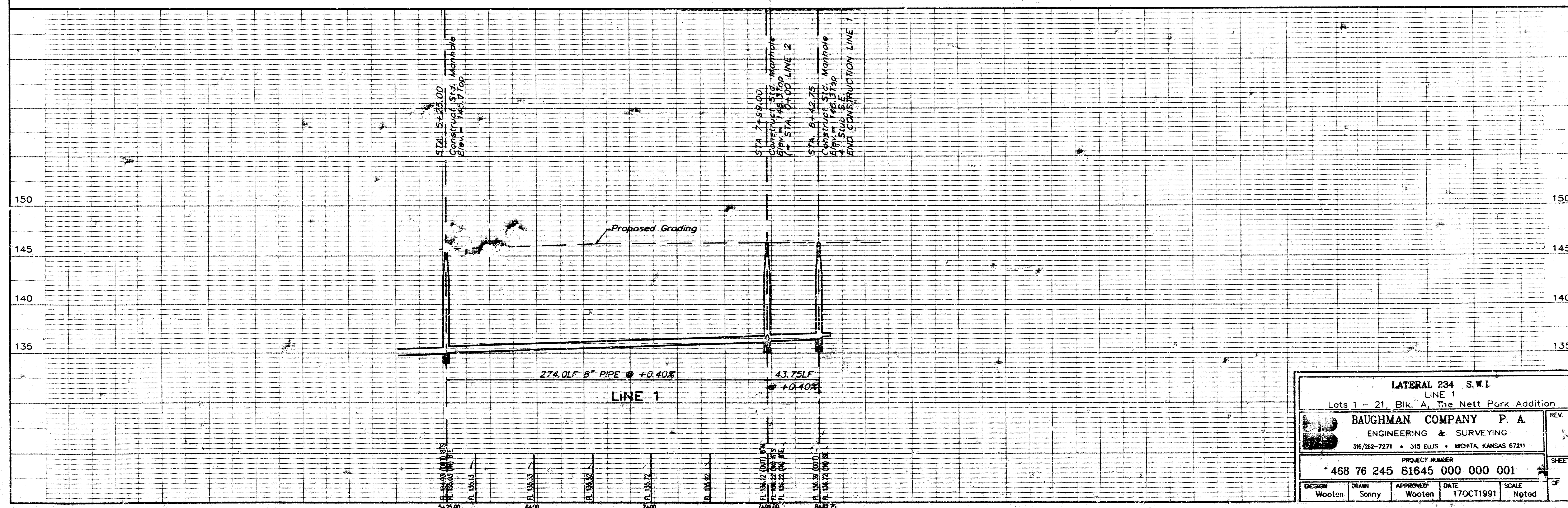
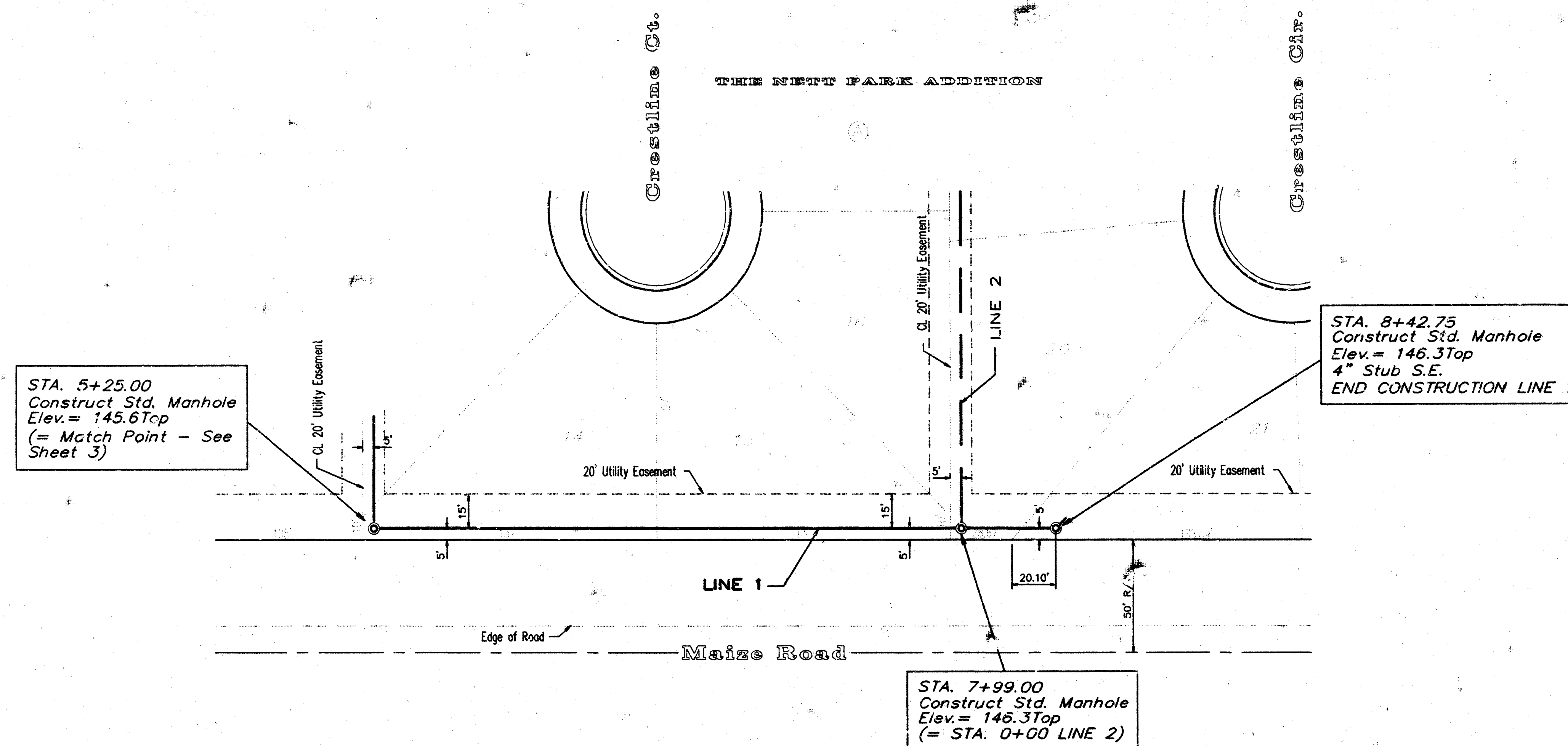
1. City Disc: Maize Rd. @ 27th St. So.
25' E. and 4' S. of 1/4 Sec. cor.
Elev. = 145.54 City datum
2. City Disc: S.E. Cor N.W. 1/4 Sec.
(Sec. 5, T29S, R1W)
Elev. = 126.34 City datum
3. "C" Cut Top of curb N. end
N.W. return Yosemite @ Yellowstone.
Elev. = 139.98 City datum



LATERAL 234 S.W.				REV.
LINE 1 AND LINE 1A				
Lots 1 - 21, Blk. A, The Nett Park Addition				
BAUGHMAN COMPANY P. A.				
ENGINEERING & SURVEYING				
316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211				
PROJECT NUMBER				SHEET
468 76 245 81645 000 000 001				3
DESIGN	DRAWN	APPROVED	DATE	SCALE
Wooten	Sonny	Wooten	17OCT1991	Noted
				OF
				7

Benchmarks:

1. City Desc: Maize Rd. @ 27th St. So. 26' E. and 4' S. of 1/4 Sec. cor. Elev. = 143.54 City datum
2. City Desc: S.E. Cor N.W. 1/4 Sec. (Sec. 5, T28S, R1W) Elev. = 128.38 City datum
3. "C" Cut Top of curb N. and N.W. return Yosemite @ Yellowstone. Elev. = 139.98 City datum



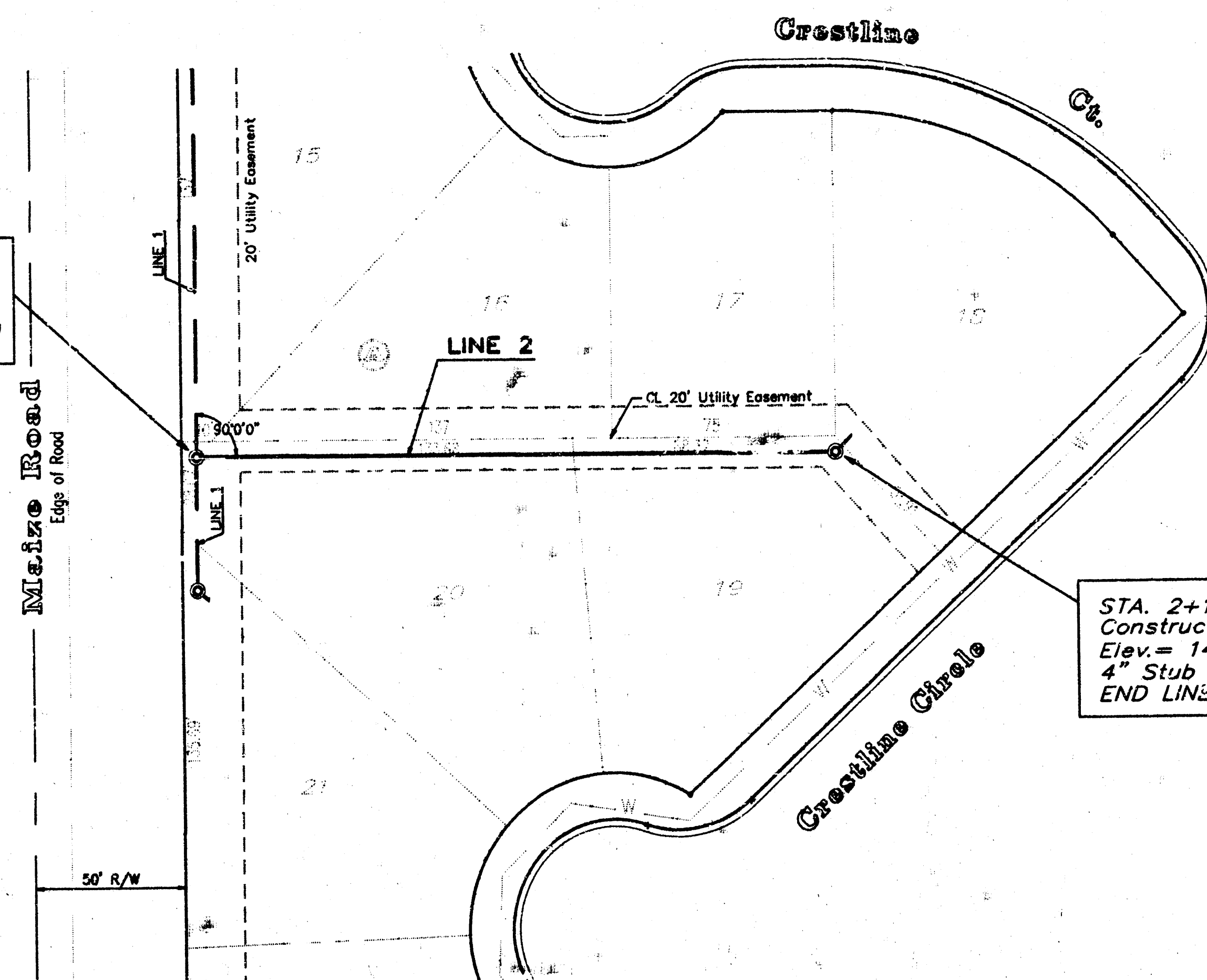
LATERAL 234 S.W.1			
LINE 1			
Lots 1 - 21, Blk. A, The Nett Park Addition			
BAUGHMAN COMPANY P. A.		REV.	
ENGINEERING & SURVEYING			
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER			
468 76 245 81645 000 000 001			
DESIGN	DRAWN	APPROVED	DATE
Wooten	Sonny	Wooten	17OCT1991
SCALE		NOTED	
SHEET		4	
OF		2	

Benchmarks:

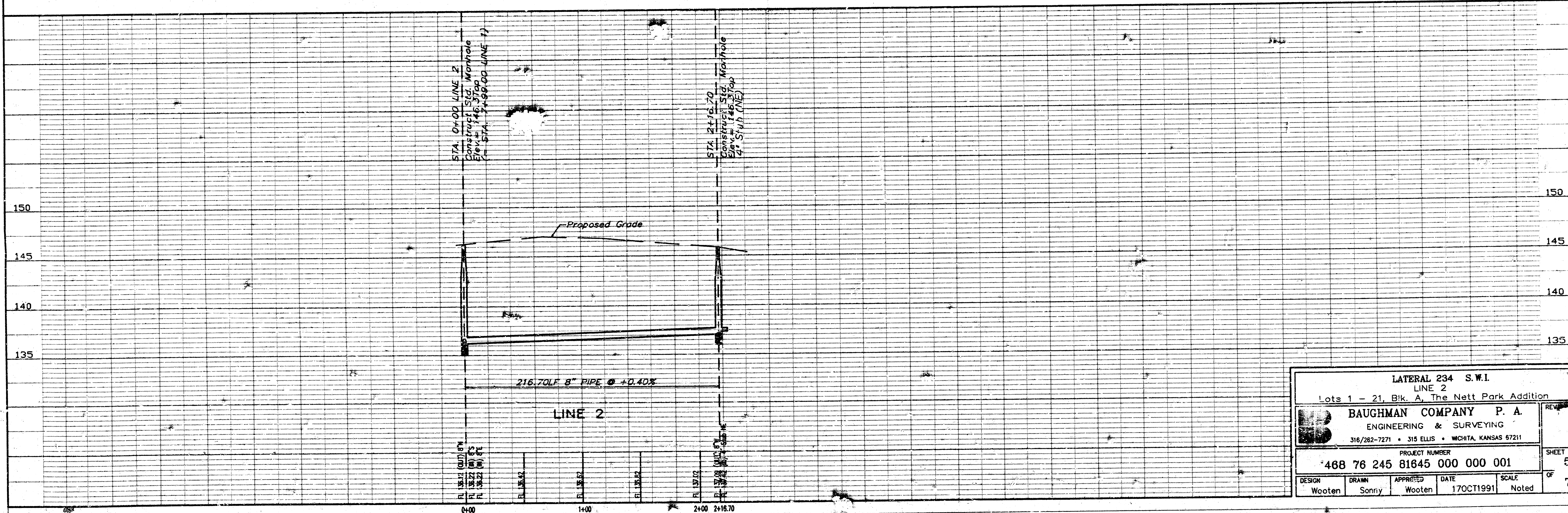
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THE NETT PARK ADDITION

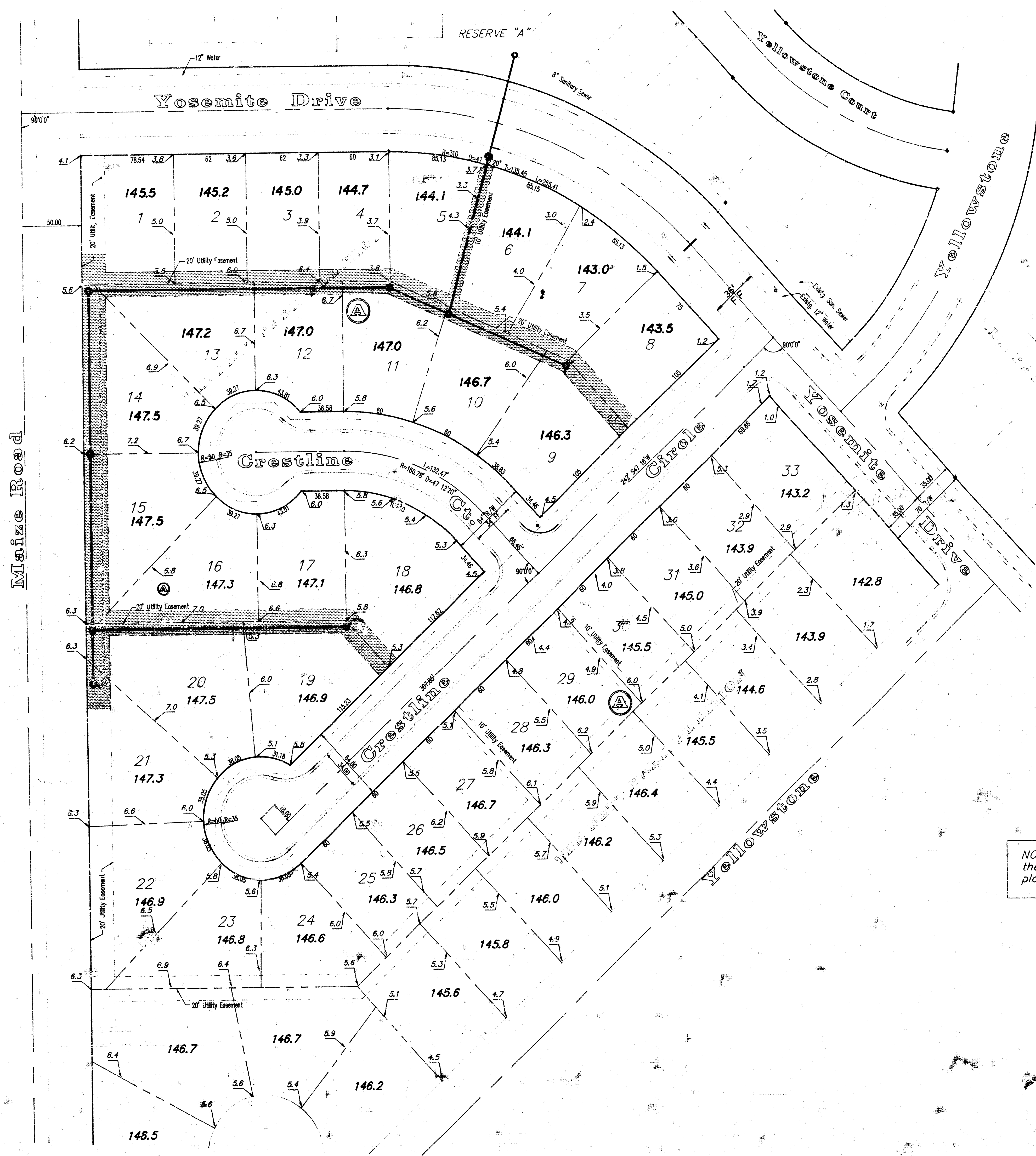
STA. 0+00 LINE 2
Construct Std. Manhole
Elev. = 146.37 Top
(= STA. 7+99.00 LINE 1)



Scale: 1" = 40' Horz
1" = 5' Vert



LATERAL 234 S.W.1				REV	
LINE 2					
Lots 1 - 21, Bk. A, The Nett Park Addition					
BAUGHMAN COMPANY P. A.					
ENGINEERING & SURVEYING					
316/282-7271 • 315 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER				SHEET	
468 76 245 81845 000 000 001				5	
DESIGN	DRAWN	APPROVED	DATE	SCALE	OF
Wooten	Sonny	Wooten	17OCT1991	Noted	7



Scale: 1" = 50'

BENCHMARKS

1. City Disc. Maize Rd. @ 27th St. So. 25' E. and 4' S. of 1/4 Sec. cor. Elev. = 145.54 City datum
2. City Disc. S.E. Cor N.W. 1/4 Sec. (Sec. 5, T28S, R1W) Elev. = 128.38 City datum
3. "X" Cut Top of curb N. end N.W. return Yosemite @ Yellowstone. Elev. = 139.98 City datum

NOTE: Contractor shall grade the sanitary sewer alignment to the profile and elevation shown on the easement grading plan. All costs for grading shall be subsidiary to the project.

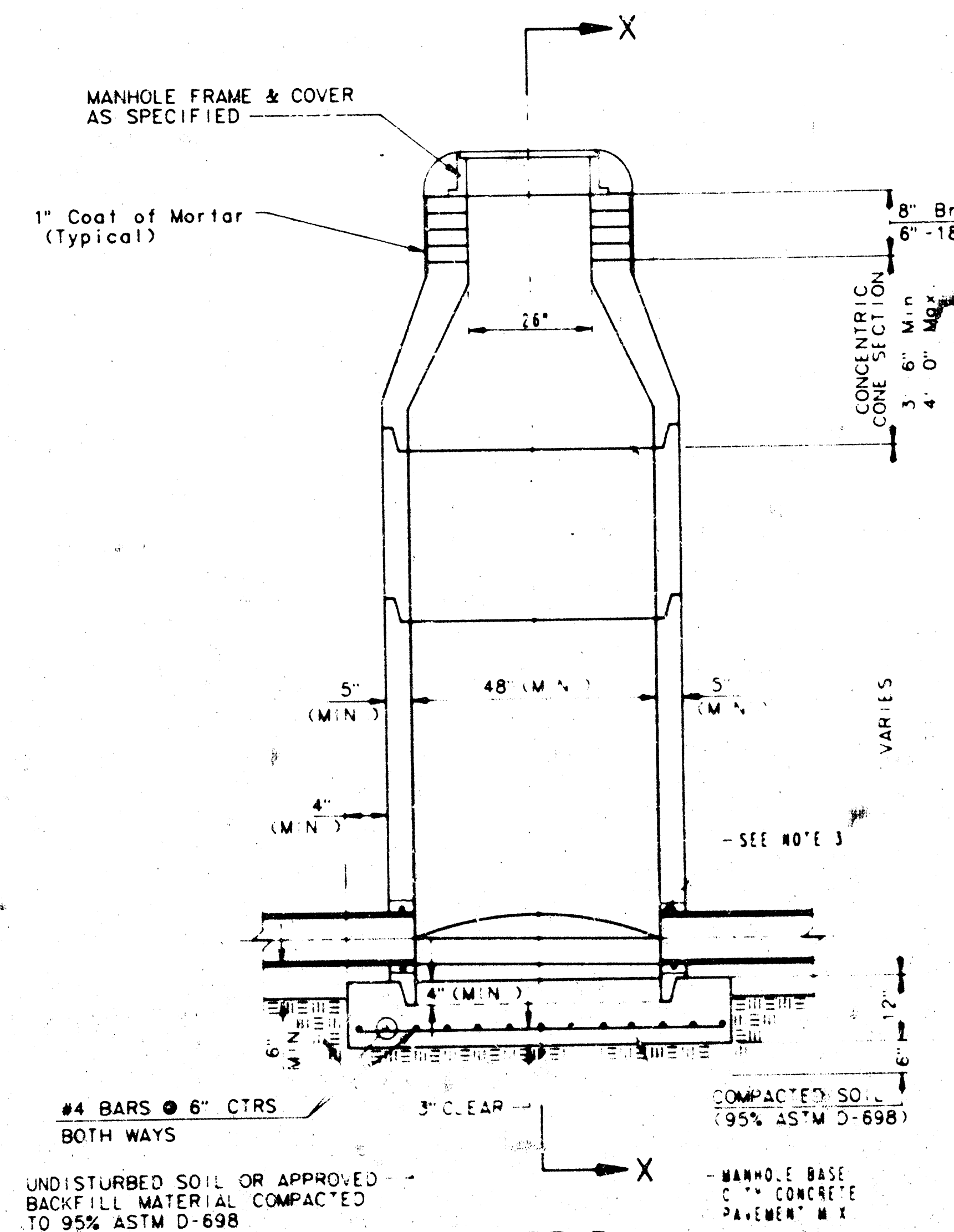
Easement Grading Plan The Nett Park Phase II					
PAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 318/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211					
PROJECT NUMBER 468 76 245 81645 000 000 001					SHEET 6 OF 8
DESIGN Ruggles	DRAWN RJP/Sonny	UTIL. CHECK'D DATE OCT1991	SCALE 1" = 50'		

SEWER APPURTENANCES DETAILS

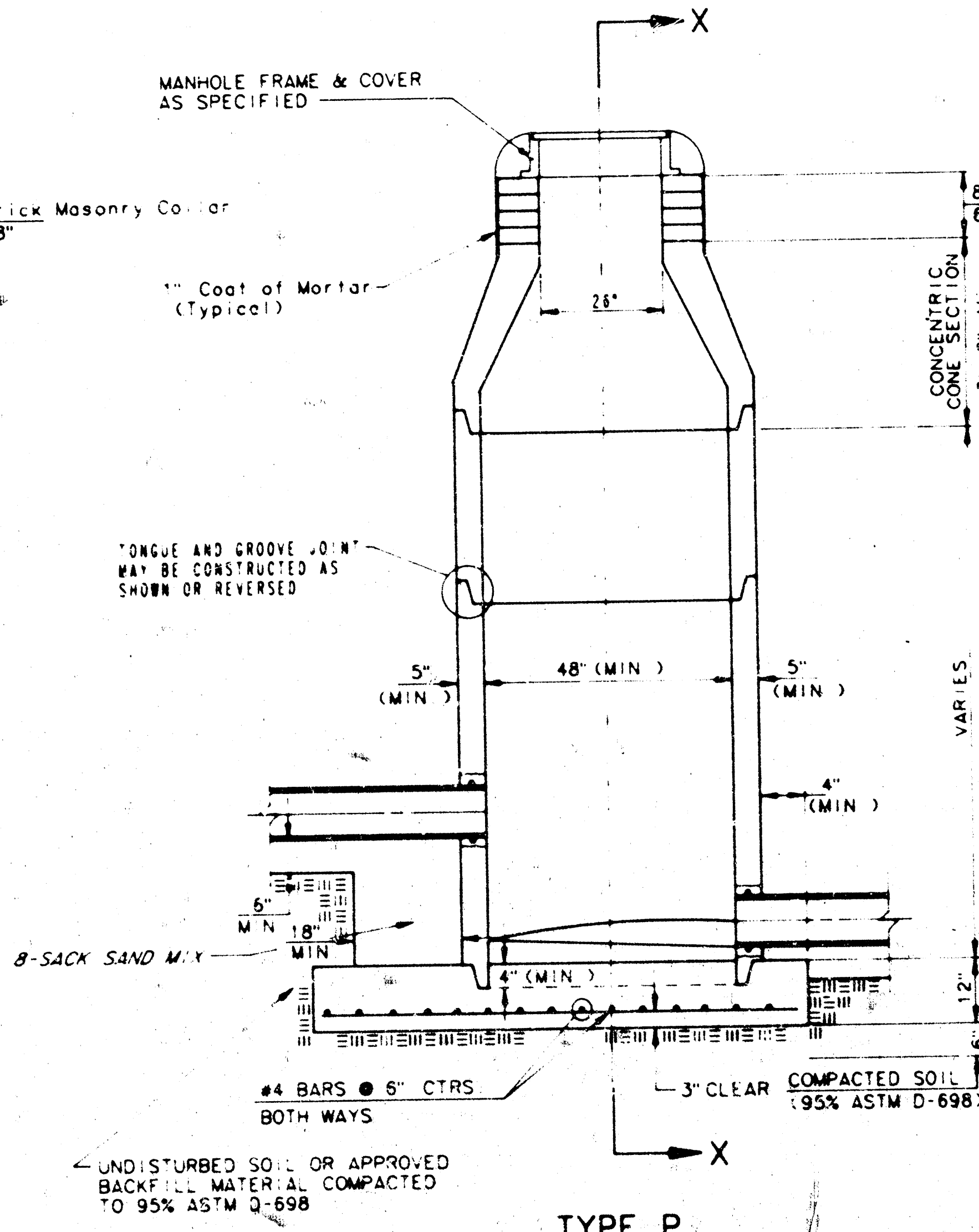
ADOPTED AS STANDARD DESIGN

BY

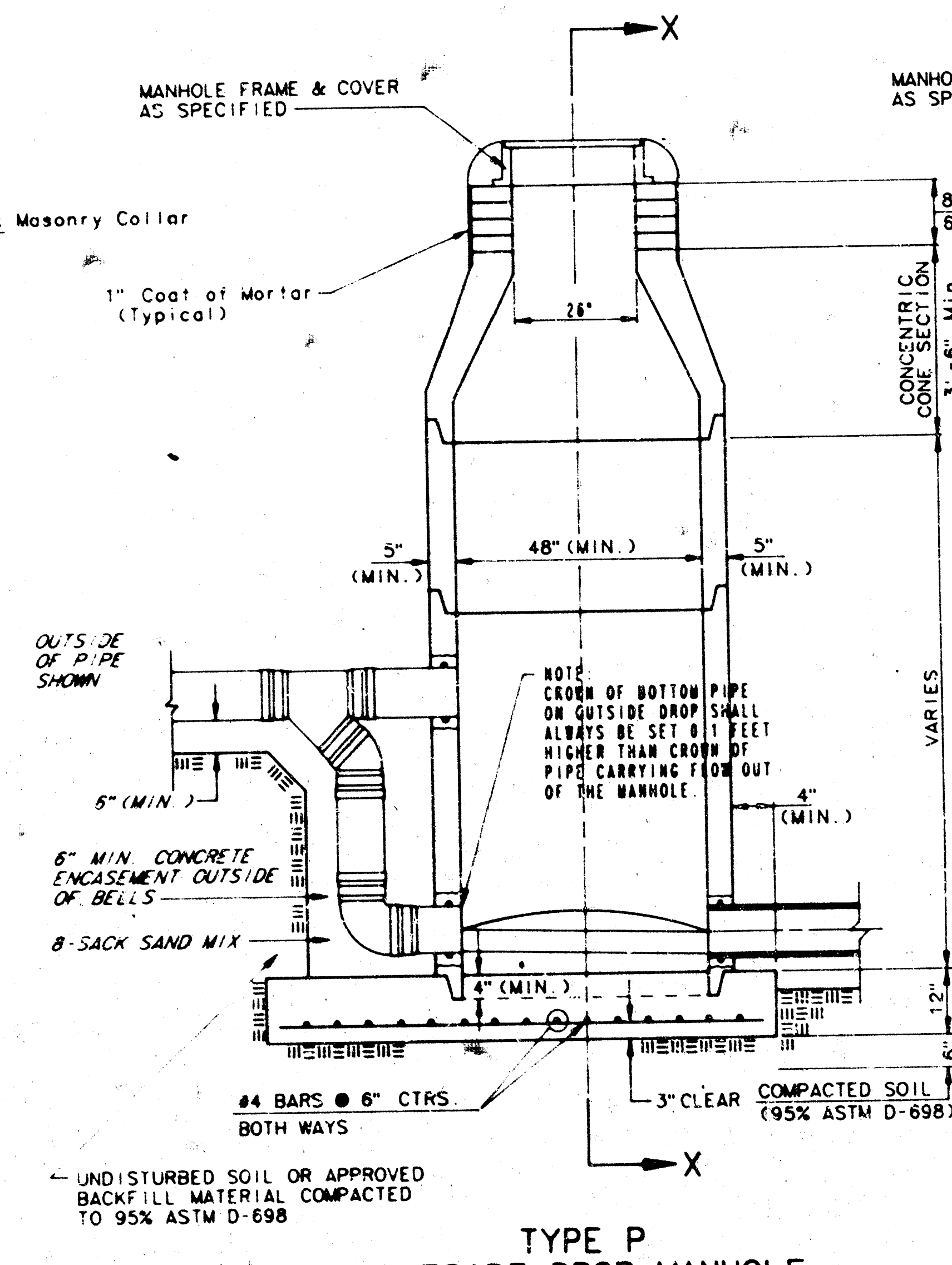
CITY OF WICHITA



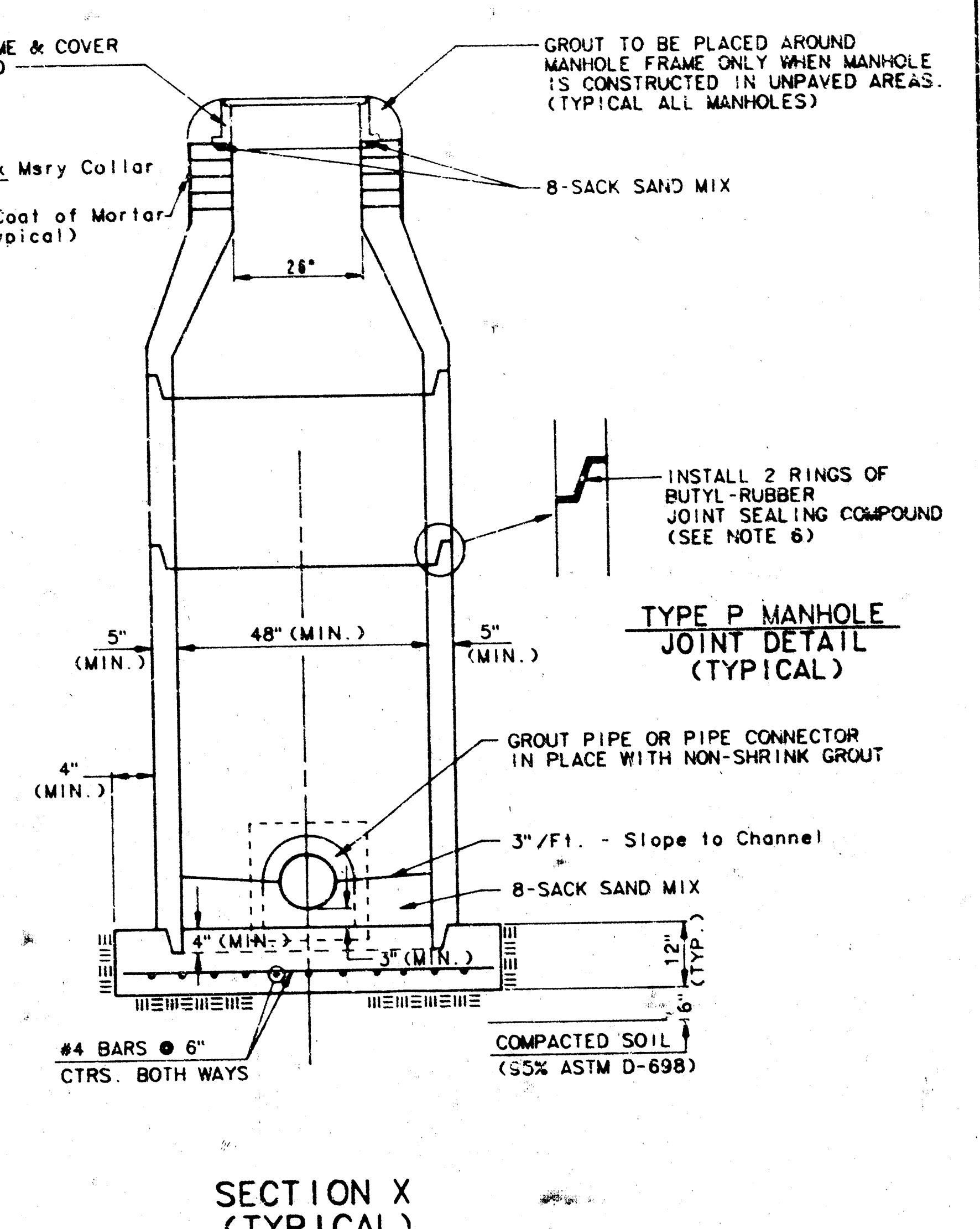
TYPE P
STANDARD MANHOLE



TYPE P
INSIDE DROP MANHOLE



TYPE P
OUTSIDE DROP MANHOLE



SECTION X
(TYPICAL)

GENERAL NOTES

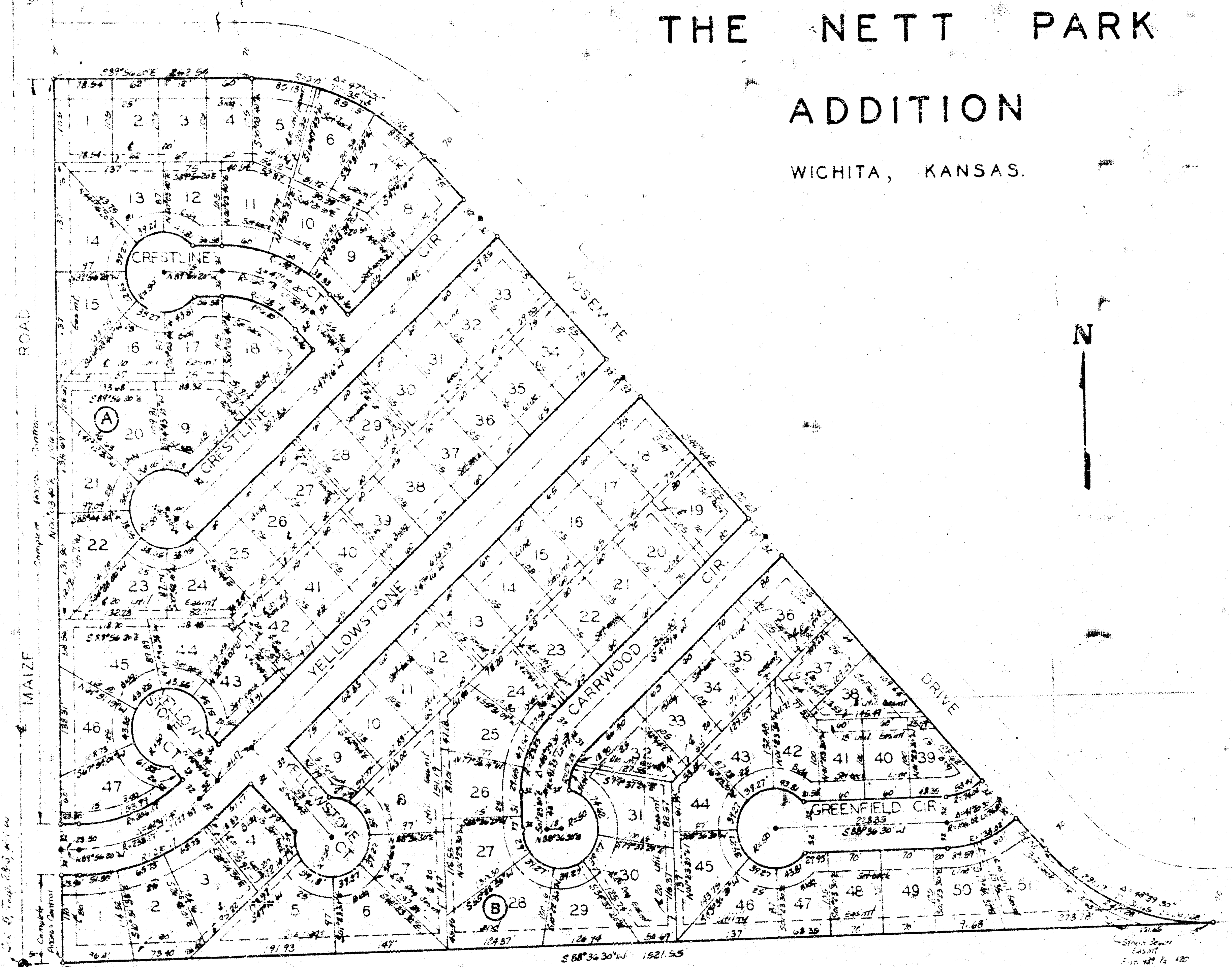
PRECAST MANHOLE NOTES

1. ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISION OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
2. NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
3. APPROVED FLEXIBLE WATERSTOP CASSETS SHALL BE INSTALLED TO JOIN THE SEWER TO THE MANHOLE WALL. WHEN A B.S. COMPOSITE PIPE OR P.V.C. PIPE IS USED, FOR OTHER TYPES OF PIPE THE SEWER SHALL BE GROUTED IN PLACE. A NON-SHRINK GROUT SHALL BE USED TO SUPPORT THE CONCRETE ENCASEMENT. THE MINIMUM OF 3 FEET FROM THE MANHOLE WALL AND TO THE FIRST JOINT FOR P.V.C. SUCH THAT THE JOINT REMAINS FLEXIBLE.
4. ALL INSIDE SURFACES OF THE CONCRETE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED WITH 2 COATS "NEMEC" SERIES 600 BUILD UP TO A MINIMUM OF 8 MILS. (MIN.)
5. EXTERIOR MANHOLE WALLS SHALL BE COATED WITH 1 COAT "MORTAR" 633 BITUMINOUS COATING.
6. JOINT SEALING COMPOUND SHALL BE KENT SEAL NO. 2 OR APPROVED EQUAL.
7. PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO THE MANHOLE BASE.
8. TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
9. LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
10. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE PAVEMENT MIX WITHOUT AIR ENTRAINING ADJUSTMENT. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE SMALLER THAN 24" SHALL HAVE AN INSIDE DIAMETER OF 4". MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE 24" OR LARGER SHALL HAVE AN INSIDE DIAMETER OF 5". COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.

11. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF 4 BARS PLACED ON 8" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED AT LEAST 3" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
12. OPENINGS SHALL BE CUT INTO THE MANHOLE WALL WHEN OUTSIDE DROPS ARE CONSTRUCTED ON EXISTING MANHOLES. SUCH OPENINGS CUT INTO EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND GROUTING THE NEW PIPE IN PLACE. WATERSTOP GASKETS SHALL BE USED WITH P.V.C. AND A B.S. COMPOSITE PIPE. THE NEW PIPE SHALL BE GROUTED INTO THE OPENING USING AN APPROVED NONSHRINK GROUT FOR THE FULL MANHOLE WALL THICKNESS. THE EXTERIOR OF THE COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT. FLOOR OF MANHOLE SHALL BE MODIFIED TO FORM NEW FLOW CHANNEL FOR THE NEW CONNECTION AS INDICATED BY THE DRAWING. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED ON EXISTING MANHOLE.
13. THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF-CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTLET PIPE AS SHOWN BY THE DRAWINGS EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO NEAT LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.
14. PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRADLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MANHOLE. THE CRADLE SHALL BE TERMINATED AT THE CLAY PIPE JOINT IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRADLE WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.

15. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.
16. THE VERTICAL DROP IN INSIDE DROP MANHOLES SHALL NOT EXCEED 4" FOR INFLOWING PIPES SIZED 12" AND SMALLER AND 2" FOR INFLOWING PIPES LARGER THAN 12". THE VERTICAL DROP IN OUTSIDE DROP MANHOLES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
17. STANDARD MANHOLES AND STANDARD INSIDE DROP MANHOLES SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.
18. A BRICK MASONRY COLLAR SHALL BE INSTALLED BETWEEN THE CAST IRON FRAME AND THE CONCENTRIC CONE. THE COLLAR WILL HAVE 8" WALLS AND A VERTICAL HEIGHT OF 8" MINIMUM AND 18" MAXIMUM. A 1" COAT OF MORTAR WILL BE PLASTERED ON THE OUTSIDE OF THE COLLAR.

THE NETT PARK ADDITION WICHITA, KANSAS.



This plat of THE NETT PARK ADDITION, Wichita, Kansas, has been submitted to and approved by the Wichita-Sedgewick County Metropolitan Area Planning Commission, Wichita, Kansas, dated this 17th day of December, 1934.

Wichita-Sedgewick County Metropolitan Area Planning Commission

_____, Chairman
_____, Secretary
_____, Treasurer

The plat of THE NETT PARK ADDITION, Wichita, Kansas, has been submitted to and approved by the Board of Commissioners of the City of Wichita, Kansas, this 17th day of December, 1934.

_____, Mayor
_____, City Clerk

_____, City Engineer

State of Kansas: This is to certify that this plat of THE NETT PARK ADDITION, Wichita, Kansas, has been submitted to and approved by the Board of Commissioners of the City of Wichita, Kansas, this 17th day of December, 1934, and is duly recorded.

_____, Register of Deeds
_____, Deputy

Wichita State Bank

State of Kansas: This is to certify that this plat of THE NETT PARK ADDITION, Wichita, Kansas, has been submitted to and approved by the Board of Commissioners of the City of Wichita, Kansas, this 17th day of December, 1934, and is duly recorded.

_____, City Engineer

_____, City Engineer

_____, City Engineer

Know all men by these presents that we, the undersigned, have caused the land herein shown in the surveyors' certificate to be divided into lots, blocks and streets to be known as THE NETT PARK ADDITION, Wichita, Kansas. The utility easements are hereby granted as indicated by the construction and maintenance of all public utilities. The storm sewer easement is hereby granted for storm sewer purposes. The streets are hereby dedicated to and for the use of the public. All easements rights of access to or from Maize Road, over and across the west line of lots 1, 4, 5, 20, 21, 22, 45, 46, 47, 48, 49, 50, 51, Block A, and Block B, are hereby granted to the City of Wichita, Kansas. The drainage easements are hereby granted for drainage purposes.

_____, City Engineer

_____, City Engineer

_____, City Engineer

_____, City Engineer

_____, City Engineer

_____, City Engineer

_____, City Engineer