

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, P.E., CITY ENGINEER

SANITARY SEWER IMPROVEMENTS

IN

CROWN CHASE APARTMENTS

PRIVATE PROJECT NO. 787PPS

INDEX CODE 607861

LEGAL DESCRIPTION

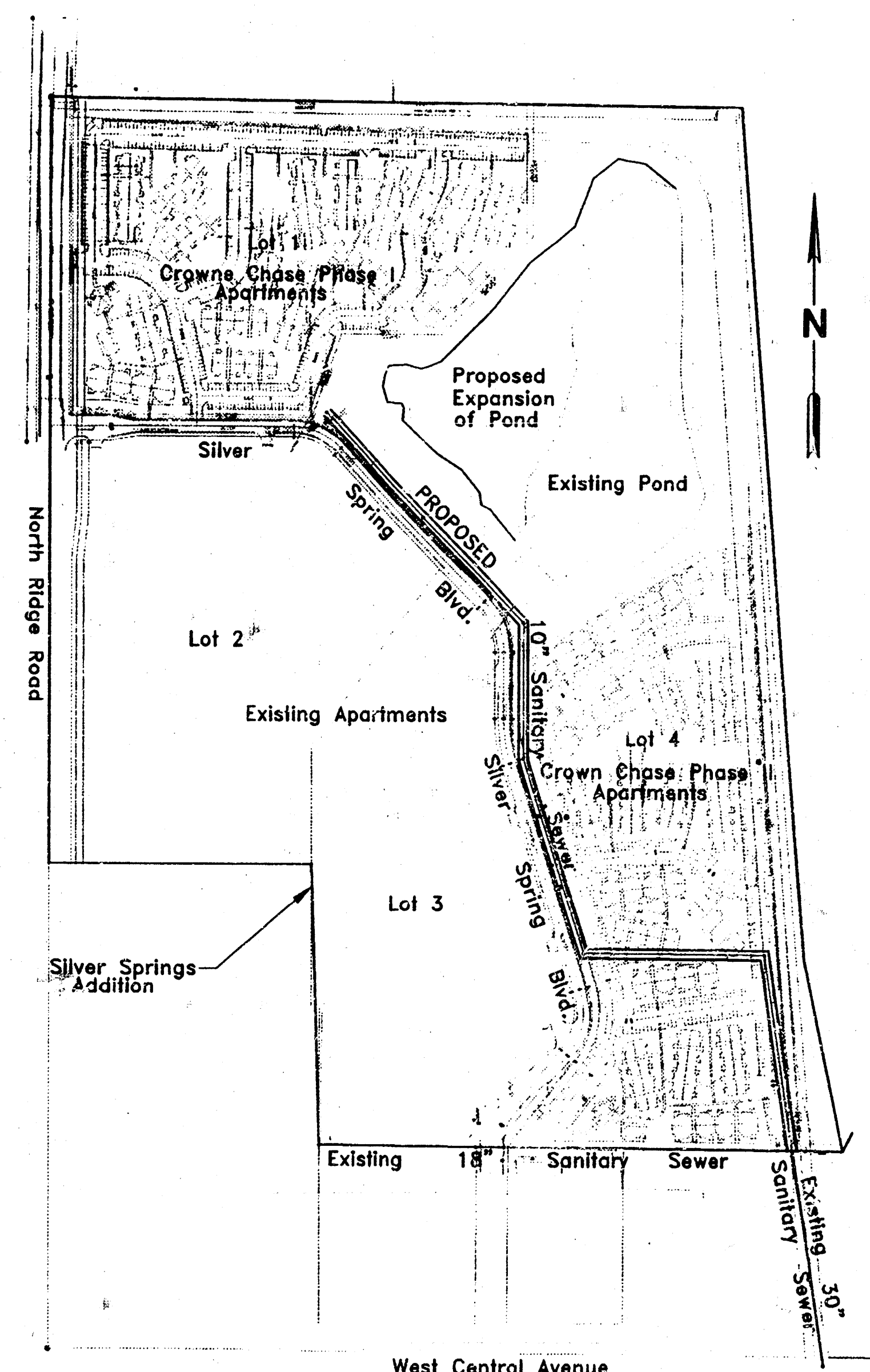
Lot 1, Block 1, & Reserve A, in Silver Springs, an addition to the City of Wichita, Sedgewick County, Kansas

GENERAL NOTES

- The Contractor is specifically cautioned that the location and/or elevation of existing utilities as shown on these Construction Drawings are based upon records of the various utility companies. This information is not to be relied upon as being exact or complete. It shall be the responsibility of the respective Contractor to notify ONE-CALL at (316) 687-2470, a minimum of 48 hours in advance of any excavation to request the exact field locations of the existing underground utilities. It shall be the responsibility of the respective Contractor to relocate all existing utilities which conflict with the proposed improvements as shown on the Construction Drawings.
- The Contractor must notify the following in case of an emergency:
 Cablevision (316) 262-4270 or (316) 263-2061
 KGE - Gas (316) 263-7511
 KGE - Electric (316) 264-1141
 Peoples Natural Gas (316) 942-8350 or (316) 263-8161
 Southwestern Bell Telephone Co. 1-(316) 571-2611
 City of Wichita Water Department (316) 268-4908
 City of Wichita Sewer Maintenance (316) 268-4071
- City of Wichita Benchmark:
 Brass Cap in Northeast corner of Concrete Headwall
 Approximately 675' North of Intersection of Silver Spring Blvd. and Ridge Road.
 Elevation: 1317.54 (U.S.G.S. Datum)
 130.14 (City of Wichita Datum)
- Preliminary Surveys: ROSS ENGINEERING, INC.
- Trench excavation and backfill shall be mechanically tamped and tested. Compaction requirements shall be in accordance with the Sitework Specifications.
- Cost of barricades, flashers and all items necessary for safe and efficient movement of traffic shall be considered subsidiary to the construction of the pavement and utilities.
- The Contractor shall use extreme caution in the area of existing trees which are to remain, existing manholes, power poles, fences, pavement and utilities, and shall be responsible for any damages.
- It will be the Contractor's responsibility to inform the Engineer of any control points including street centerline and lot corners that may be destroyed during construction so that these points may be offset. The cost of resetting points that have not been offset will be paid for by the Contractor. Requests for offsets must be made 48 hours in advance.

SCHEDULE OF APPROX. QUANTITIES		
DESCRIPTION	UNITS	QUANT.
10" PVC Sanitary Sewer Pipe, SDR 35	LF	2182
Standard Sanitary Sewer Manhole, Type "P"	Ea	8
Standard Sanitary Sewer Manhole, Type "P"	VF	71
8" Sanitary Sewer Service Pipe, Sch 40 PVC	LF	4
8" Plug	Ea	2
Concrete Encasement	LF	31

AS-BUILT
 Date: 3/25/98
 Signed: [Signature]



LOCATION MAP

SHEET INDEX

COVER SHEET
 SANITARY PLAN AND PROFILE
 SANITARY PLAN AND PROFILE
 DETAIL SHEET
 SILVER SPRINGS PLAT
 GRADING PLAN

NO.

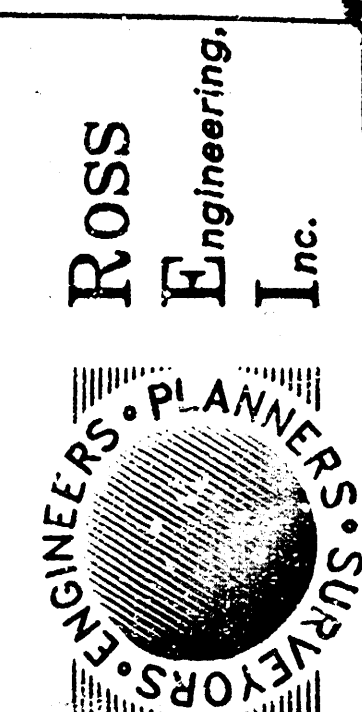
1 of 6
 2 of 6
 3 of 6
 4 of 6
 5 of 6
 6 of 6

APPROVED AS NOTED BY CITY ENGINEER OF WICHITA	
Sanitary Sewers	VRH 4/3/98
Storm Sewers	
Driveways/Approaches	
Water Mains	
Paving	
NOTE TO CONTRACTORS	
PUBLIC PROPERTY: Inspection and testing for the Waterline is to be provided by a Licensed Consulting Engineering Firm under contract with the records of the Owner/Developer. Said inspection to be in upon as accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer. All construction and materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).	

ENGINEER'S CERTIFICATE

I hereby certify that these Construction Drawings were prepared by me or under my direct supervision and that I am a Registered Professional Engineer under the laws of the State of Kansas. These Construction Drawings meet the requirements of subdivision approval and the City Engineer's Office design requirements as they apply to construction at the time of this certificate.

[Signature] 3/27/98
 Date



345 N. Street
 Suite 201
 Lincoln, NE 68508
 Phone 402-424-7077
 FAX 402-424-7078

No.	Revisions	Rev.	Date

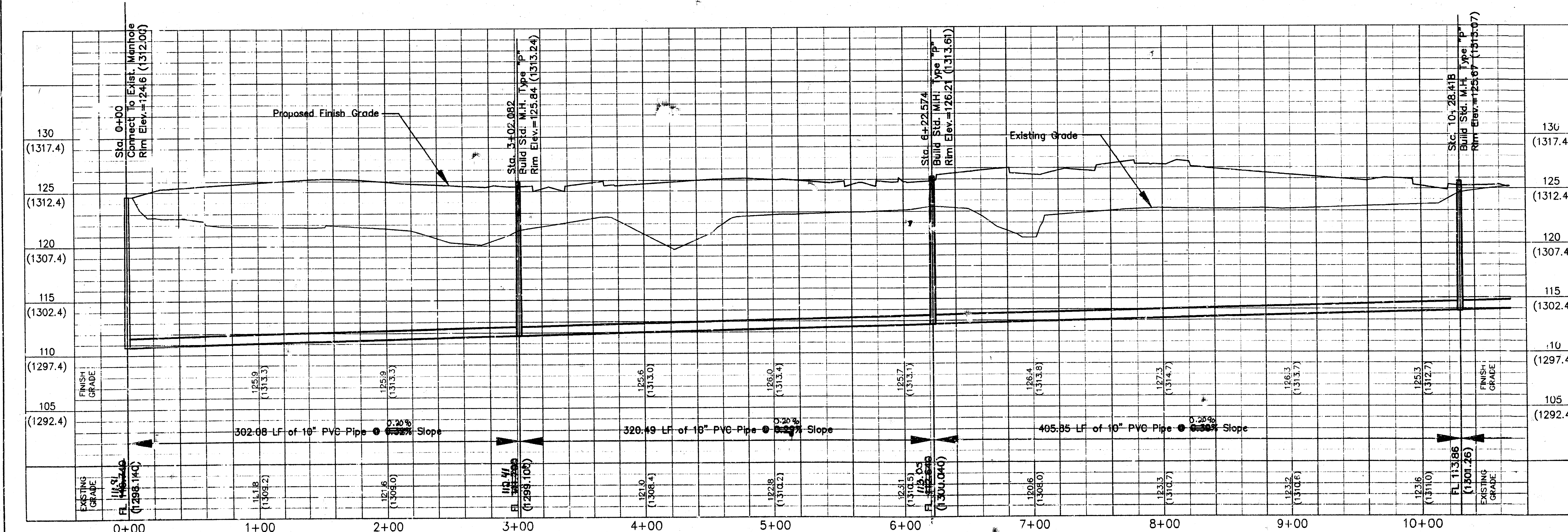
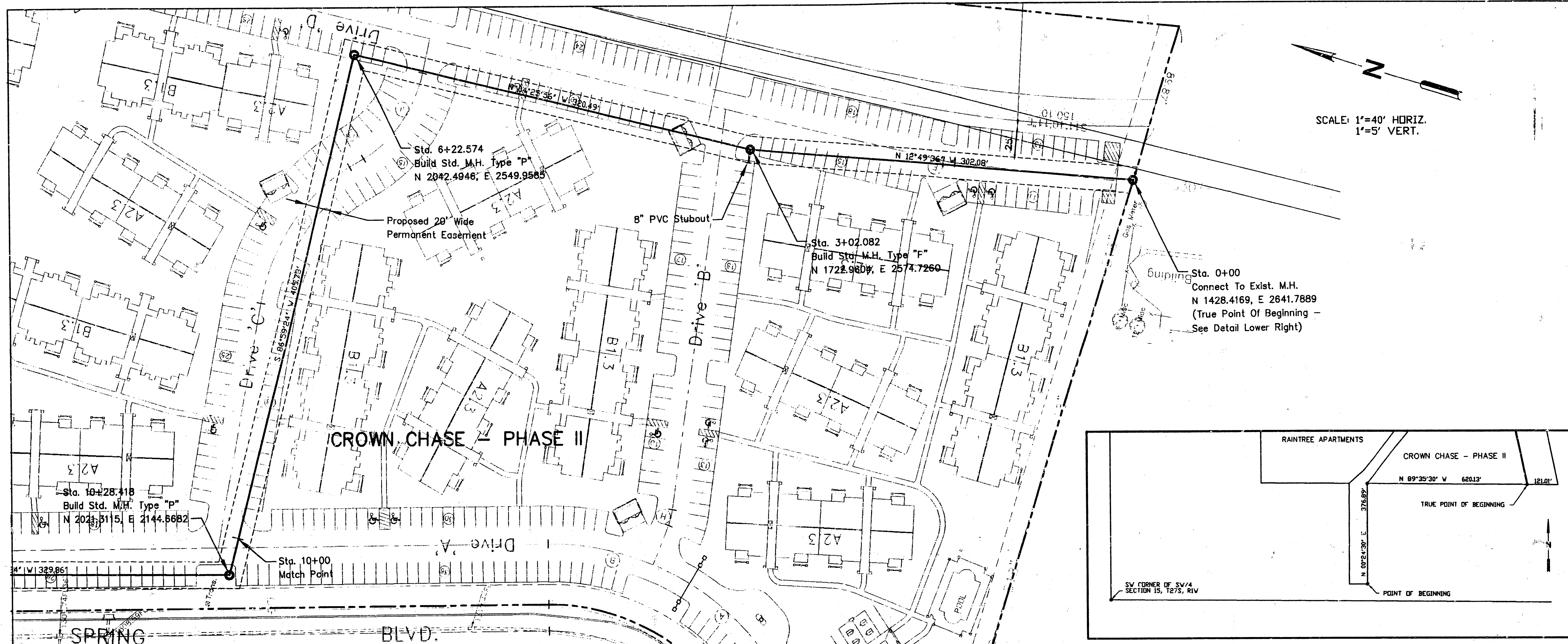
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Drawn	RFQ
Checked	RFQ
Approved	TRB

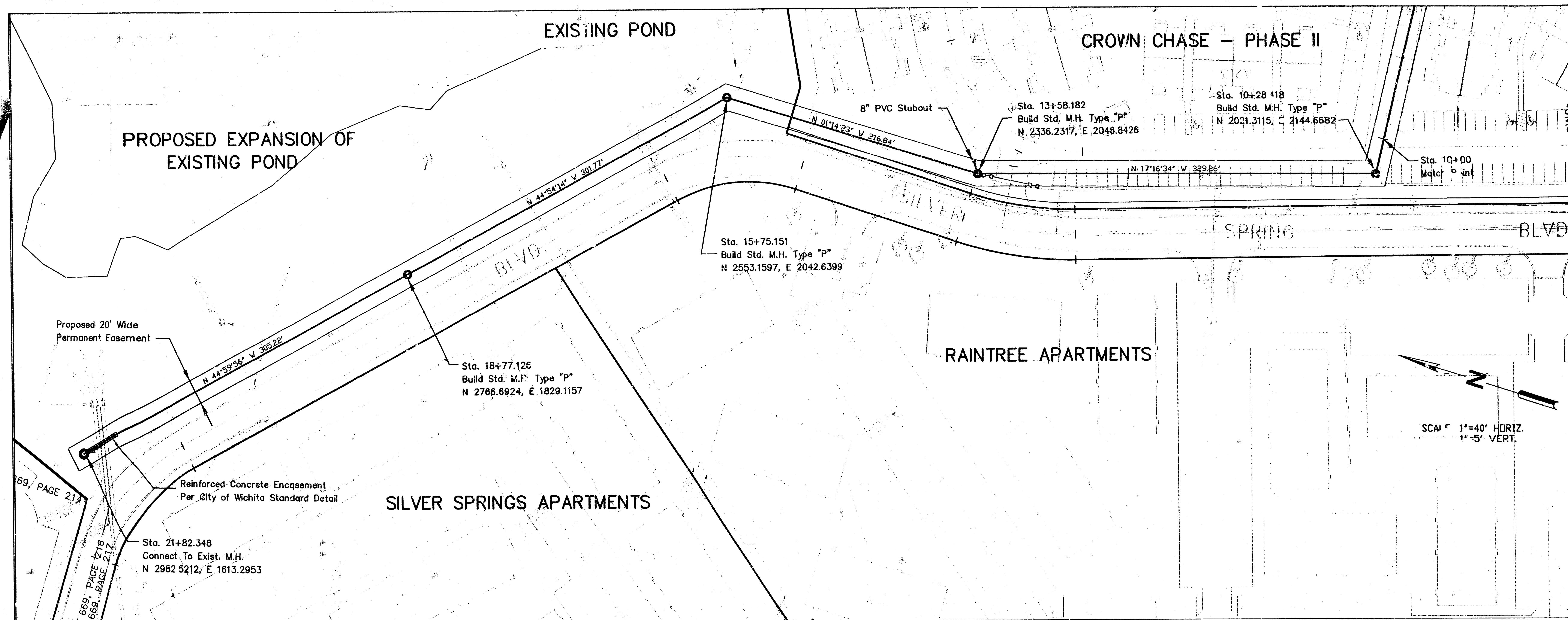
Proj	988-3D
File	98803CS2
Date	3/27/98
Plate	3/27/98

CROWN CHASE
 RIDGE ROAD & SILVER SPRING BOULEVARD
 WICHITA, KANSAS

COVER SHEET

Sheet No.
 1
 OF
 6



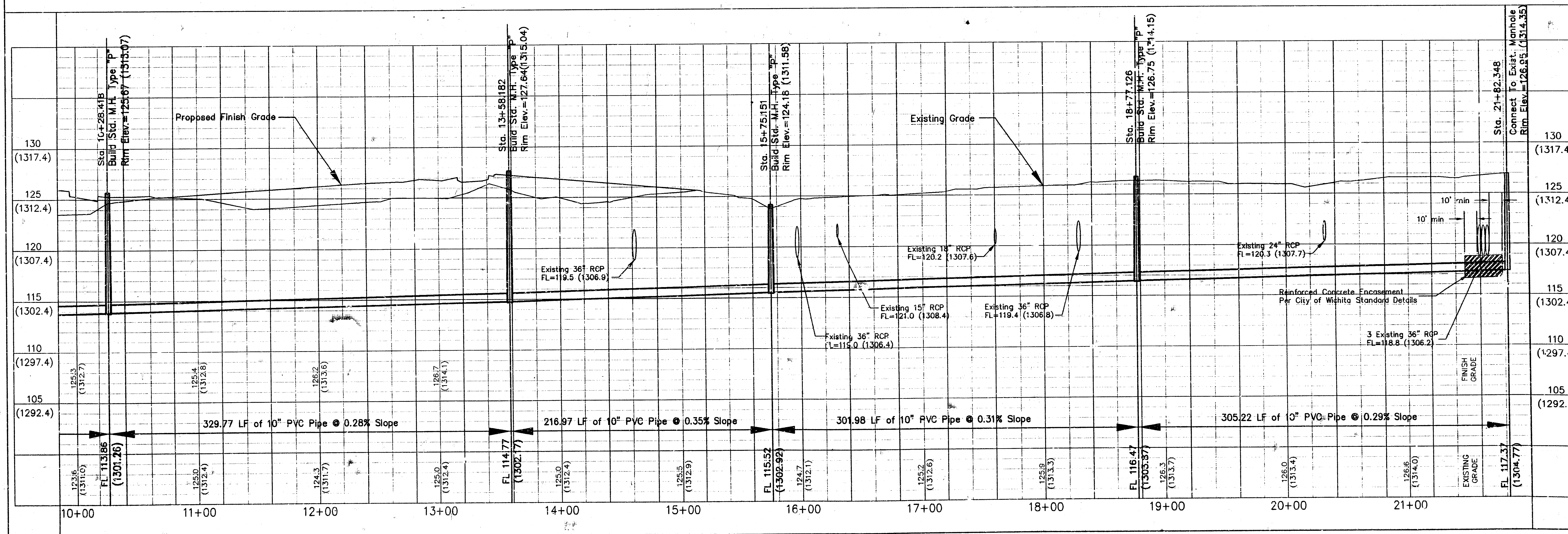


ROSS Engineering, Inc.
 ENGINEERS, PLANNERS, SURVEYORS
 445 N. Street
 Suite 201
 Lincoln, NE 68508
 Phone 402-474-7077
 Fax 402-474-7078

No.	Revisions	Rev.	Date

Scale: 1"=40' Horiz., 1"=5' Vert.
 Drawn: JIN
 Checked: RAO
 App. over: JAS

Job# 988-30
 File 98803P1
 Date 12/16/97
 Date 3/27/98

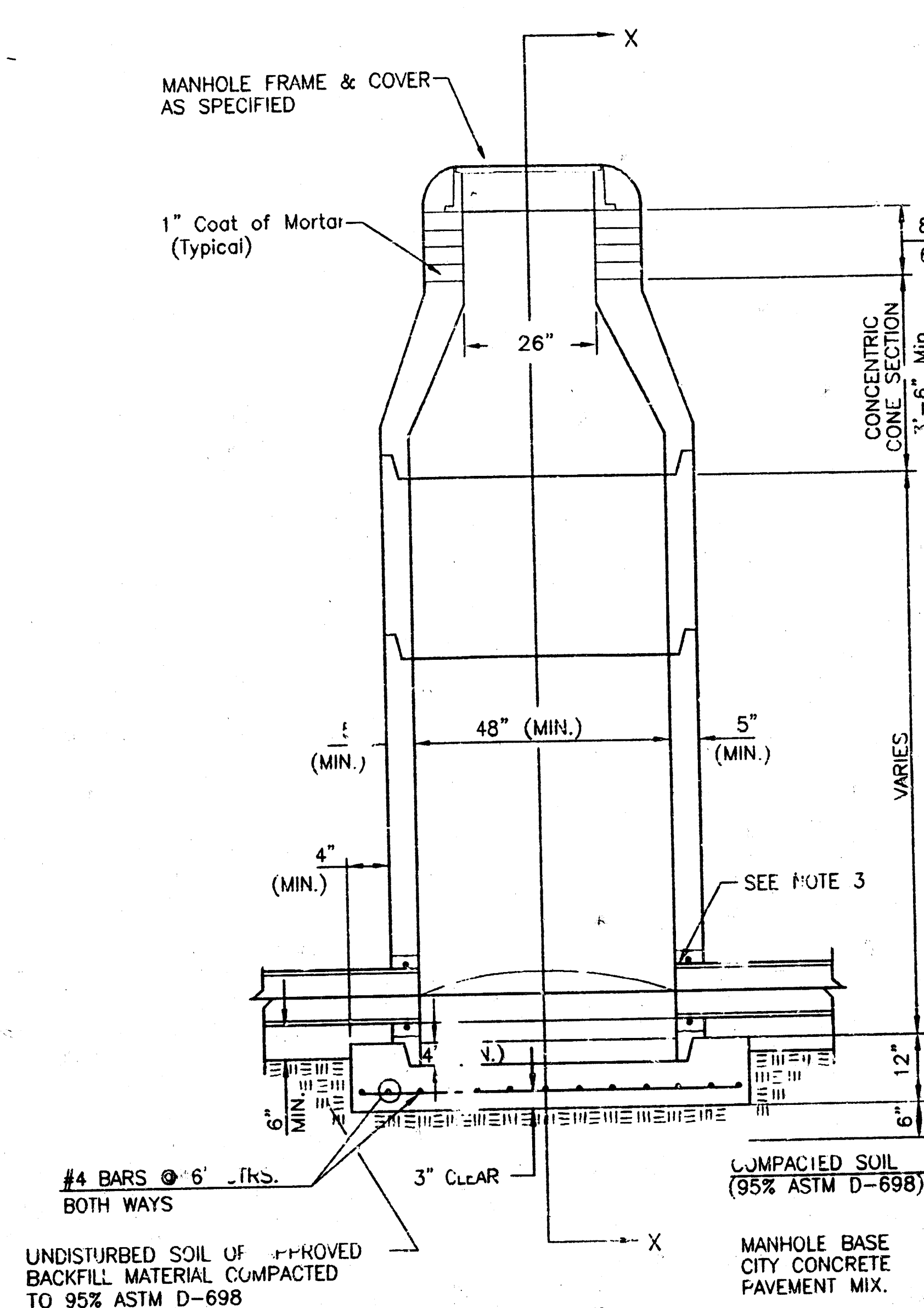


CROWN CHASE
 SANITARY SEWER DISTRICT
 WICHITA

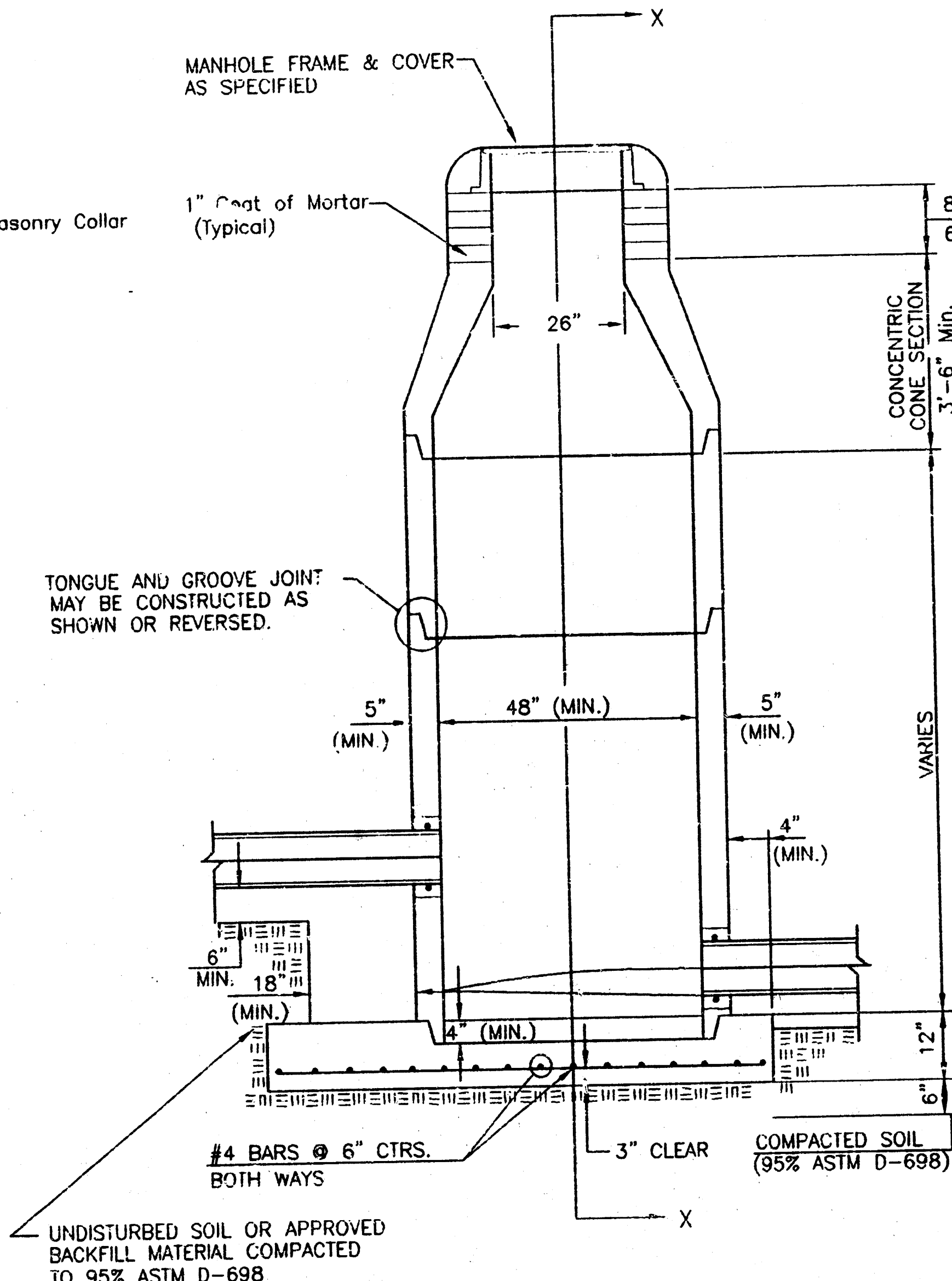
SANITARY SEWER MAIN
 PLAN & PROFILE

Sheet No. 3 OF 6

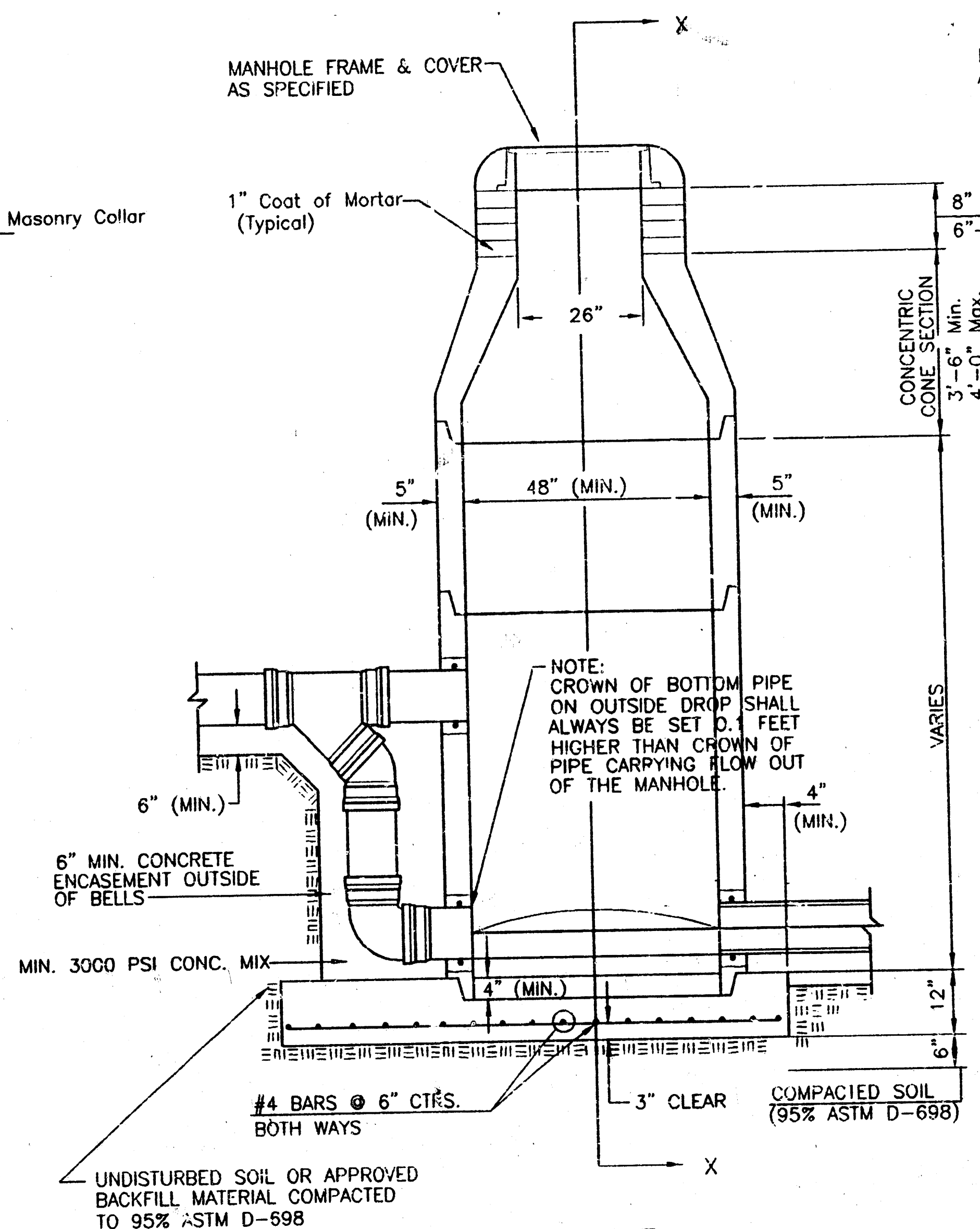
SEWER APPURTENANCES DETAILS



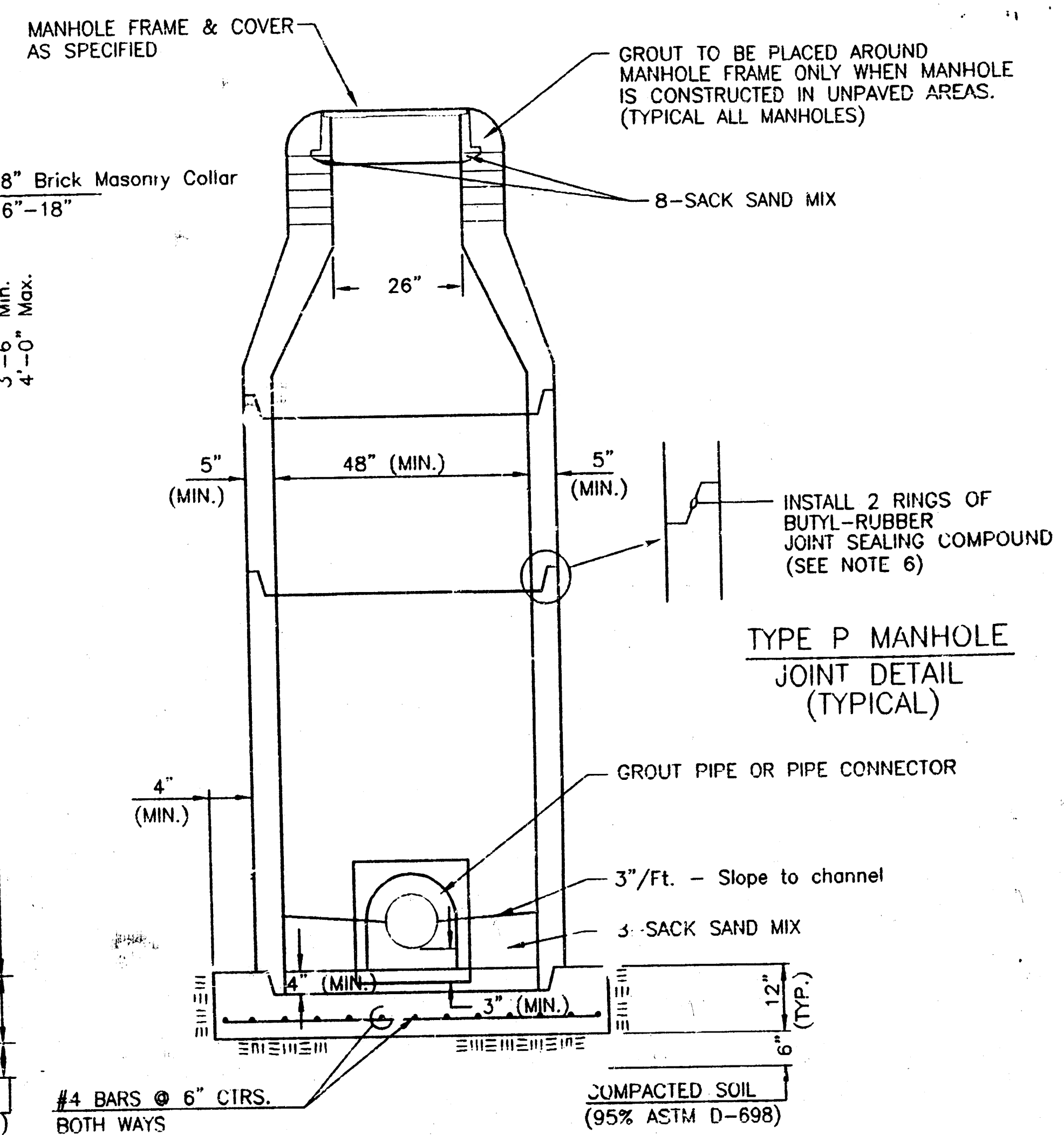
TYPE P
STANDARD MANHOLE



TYPE P
INSIDE DROP MANHOLE



TYPE P
OUTSIDE DROP MANHOLE



SECTION X
(TYPICAL)

GENERAL NOTES

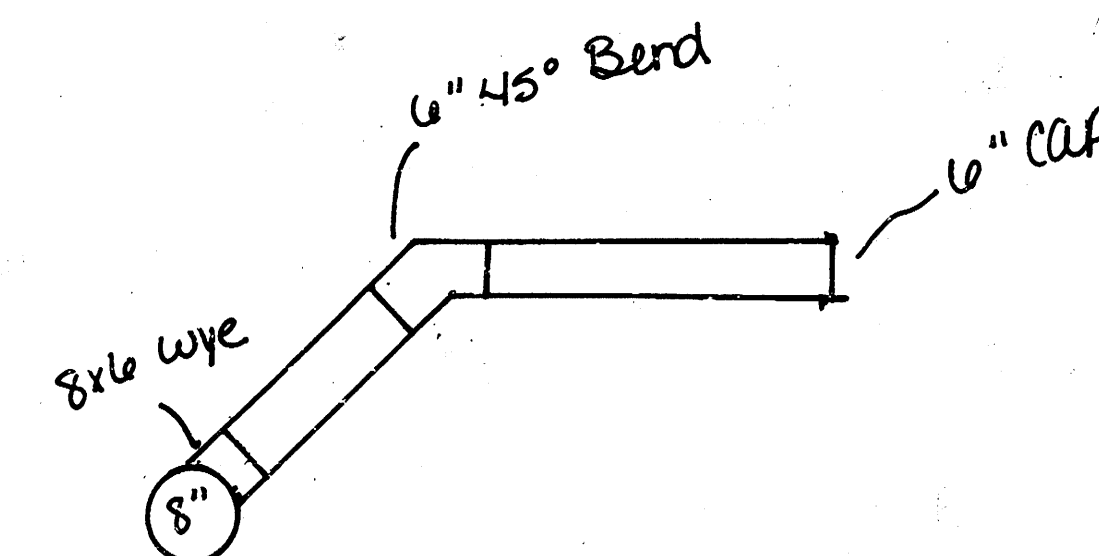
- ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISIONS OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
- NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
- APPROVED FLEXIBLE WATERSTOP SHALL BE INSTALLED TO JOIN THE SEWER TO THE MANHOLE WALL WHEN A.B.S. COMPOSITE PIPE OR P.V.C. PIPE IS USED. FOR OTHER TYPES OF PIPE THE SEWER SHALL BE GROUDED IN PLACE WITH NON-SHRINK GROUT. THE SEWER PIPE SHALL BE SUPPORTED BY CONCRETE ROSEMENTS A MINIMUM OF 3 FEET FROM THE MANHOLE WALL AND THE FIRST JOINT FOR V.C.P. SUCH THAT THE JOINT REMAINS FLEXIBLE.
- ALL INSIDE SURFACES OF THE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED WITH 2 COATS OF MEMEC SERIES 66 HI-BUILD EPOXYLINE, ERT THICKNESS OF 8 MILS (MIN.).
- EXTERIOR MANHOLE WALL SHALL BE COATED WITH 1 COAT OF BILARMA 633 BITUMINOUS COATING.
- JOINT SEALING COMPOUND SHALL BE JOINT SEAL NO. 2 OR APPROVED EQUAL.
- PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO THE MANHOLE BASE.
- 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.
- LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
- 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. 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.

- REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 6" 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.
- 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 CASSETS 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 NON-SHRINK 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.
- 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 OUTFLOWING 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.
- 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.

- 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.
- THE VERTICAL DROP IN INSIDE DROP MANHOLES SHALL NOT EXCEED 2' FOR INFLOWING PIPES SIZED 12" OR SMALLER AND 2' FOR INFLOWING PIPES LARGER THAN 12". THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
- STANDARD MANHOLES AND STANDARD INSIDE DROP MANHOLES SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.
- 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 6" MINIMUM AND 18" MAXIMUM. A 1" COAT OF MORTAR WILL BE PLASTERED ON THE OUTSIDE OF THE COLLAR. THE USE OF PRE-CAST CONCRETE SPACERS FOR MANHOLE TOP ADJUSTMENT IS ALSO ALLOWED.

Sanitary Sewer Services		
Manhole	Station	Lt. Rht.
0+00	1+19	Left
0+00	1+90	Left
3+02	5+42	Right
4+22	7+30	Right
4+22	9+45	Right
4+22	9+51	Left
4+22	9+11	Right
10+83	11+14	Right
13+53	0	0
15+15	0	0
15+17	0	0
21+32	0	0

See drawing to the right.



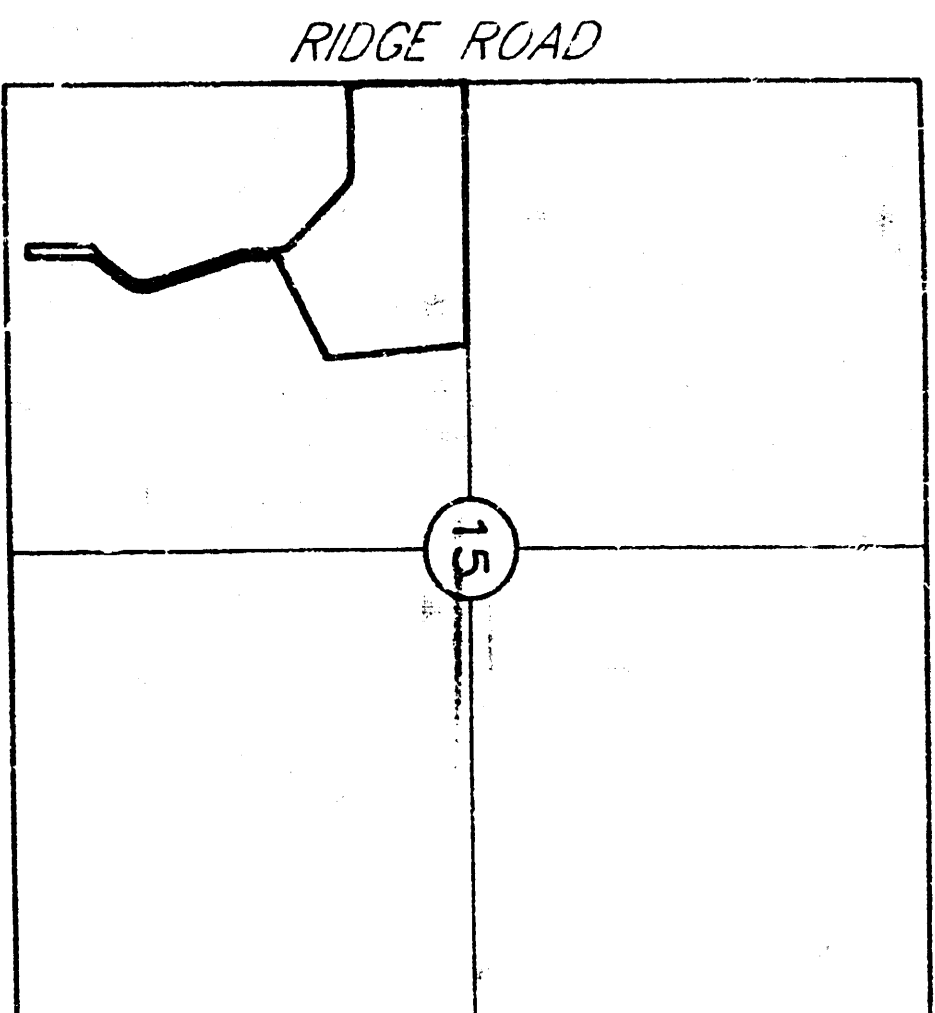
Riser Assemblies

THE CITY OF WICHITA CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 405 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 246-2112 FAX		STANDARD TYPE 'P' MANHOLES	
M. E. LINDERBAK P.E. - CITY ENGINEER			
PROJECT NUMBER XXX-XXXX		INDEX CODE XXXXXX	
DATE MAR 96		SHEET 4 OF 6	

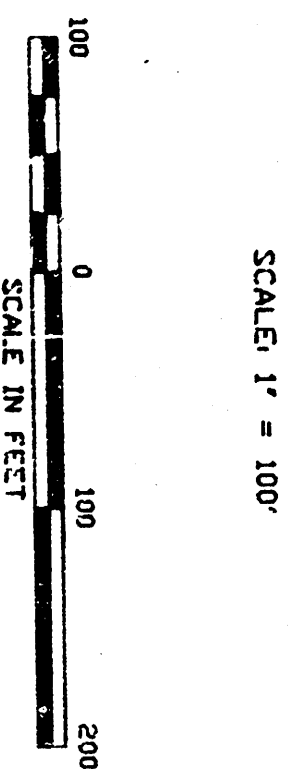
ALTA/ACSM SURVEY

PLAT OF SURVEY

LOT 1, BLOCK 1, & RESERVE A, IN SILVER SPRINGS
AN ADDITION TO THE CITY OF WICHITA, SEDGWICK COUNTY, KANSAS



CENTRAL AVENUE
683,617 S.F.
15.69 ACRES



SCALE: 1" = 100'



— — — — —
DUE NORTH

OWNER

FLOYD R. HARDESTY

4C1 S. BOSTON, SUITE 3500

TULSA, OKLAHOMA 74109

TUTTLE & ASSOCIATES, INC

9718 E. 55TH PL.

TULSA, OKLAHOMA 74146

PHONE: (918) 663-5567

SURVEYOR'S CERTIFICATE

THE UNDERSIGNED, BEING A REGISTERED ENGINEER OF THE STATE OF KANSAS CERTIFIES TO FLOYD R. HARDESTY, HIS SUCCESSORS AND ASSIGNS, CROWN CHASE APARTMENTS, L.L.C., A DELAWARE LIMITED LIABILITY COMPANY, ITS SUCCESSORS AND ASSIGNS, AND SECURITY ABSTRACT & TITLE COMPANY, INC. AS FOLLOWS:

1. THE MAP OR PLAN AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE STANDARD AND DETAILED REQUIREMENTS FOR THE AMERICAN LAND TITLE SURVEYS, INITIALLY ESTABLISHED AND ADOPTED BY THE AMERICAN LAND TITLE ASSOCIATION AND THE AMERICAN CONGRESS ON SURVEYING AND MAPPING IN 1992, INCLUDING TABLE 1 ITEMS 12.3.4, AND THAT PORTION OF 6 PERTAINING TO SETBACK LINES, 11, AND 13, AND THIS SURVEY MEETS THE REQUIREMENTS FOR AN URBAN SURVEY AS DEFINED THEREIN.

LOT 4, BLOCK 1, SILVER SPRINGS, AN ADDITION TO THE CITY OF WICHITA, SEDGWICK COUNTY, KANSAS.

PARCEL #2

A =
R =
L =

A NONEXCLUSIVE EASEMENT FOR THE BENEFIT OF PARCEL #1 FOR INGRESS AND EGRESS AND UTILITIES OVER THAT PORTION OF RESERVE 4, SILVER SPRINGS, AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS, FOR THE DEEDED PLAY OF SAID SUBDIVISION AND BY THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FILED APRIL 29, 1981, & FILED PAGE 413.

TRACT #1 LEGAL DESCRIPTION

A TRACT OF LAND IN THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 15, TOWNSHIP 27 SOUTH, RANGE 1 WEST, SEDGECOCK COUNTY, STATE OF KANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SUCH SOUTHWEST QUARTER (SW 1/4), THENCE S 89°35'30" EAST ALONG THE SOUTH LINE OF SUCH SW 1/4 A DISTANCE OF 1018.55 FEET TO A POINT, THENCE NORTH A DISTANCE OF 63.09 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF THE HIGHWAY BEING THE FUTURE OF HIGHWAY 16, THENCE ALONG SAID LINE A DISTANCE OF 24.30 FEET EAST A DISTANCE OF 377.41 FEET, THENCE SOUTH 00°45'30" EAST A DISTANCE OF 377.41 FEET, THENCE SOUTH 89°53'30" EAST A DISTANCE OF 70 FEET, THENCE S00°24'30" WEST A DISTANCE OF 376.09 FEET TO THE POINT OF BEGINNING.

CERTIFICATE OF SPECIAL ASSESSMENT IN MIST BOOK 618, PAGE 423
COVERS THE VACATED QUEENS LAKE PLAT AND INCLUDES THIS PROPERTY.
CERTIFICATE OF SPECIAL ASSESSMENT IN FILM 118, PAGE 301
COVERS THE VACATED QUEENS LAKE PLAT AND INCLUDES THIS PROPERTY.
CERTIFICATE OF SPECIAL ASSESSMENT IN FILM 118, PAGE 302
COVERS THE VACATED QUEENS LAKE PLAT AND INCLUDES THIS PROPERTY.
CERTIFICATE OF SPECIAL ASSESSMENT IN FILM 118, PAGE 303
COVERS THE VACATED QUEENS LAKE PLAT AND INCLUDES THIS PROPERTY.
CERTIFICATE OF SPECIAL ASSESSMENT IN FILM 118, PAGE 304
COVERS THE VACATED QUEENS LAKE PLAT AND INCLUDES THIS PROPERTY.
CERTIFICATE OF SPECIAL ASSESSMENT IN FILM 118, PAGE 305
COVERS THE VACATED QUEENS LAKE PLAT AND INCLUDES THIS PROPERTY.
CERTIFICATE OF SPECIAL ASSESSMENT IN FILM 118, PAGE 306
COVERS THE VACATED QUEENS LAKE PLAT AND INCLUDES THIS PROPERTY.

9. THE NATURE OF EACH EASEMENT, RIGHT OF WAY, SERVITUDE AND OTHER MATTER AFFECTING THE SUBJECT PROPERTY AND LISTED IN THE TITLE INSURANCE COMMITMENT DATED SEPTEMBER 24, 1997, ISSUED BY CHICAGO TITLE INSURANCE COMPANY AND REFLECTED WITH APPROPRIATE RECORDING REFERENCES, THE PROPERTY SHOWN ON THE SURVEY IS THE PROPERTY DESCRIBED IN THAT TITLE INSURANCE COMMITMENT.
10. THE SUBJECT PROPERTY HAS ACCESS TO AND FROM THE DULY DEDICATED AND ACCEPTED PUBLIC STREETS: CENTRAL AVENUE AND RIDGE ROAD VIA SILVER SPRINGS BOULEVARD, A PRIVATE STREET, WHICH IS IN PLACE.
11. THE SUBJECT PROPERTY DOES NOT SERVE ANY ADJOINING PROPERTY FOR DRAINAGE, UTILITIES, OR EGRESS OR EGRESS.
12. THE RECORD DESCRIPTION OF THE SUBJECT PROPERTY FORMS A MATHEMATICALLY CLASSED FIGURE.
13. AN PORTION OF THE PROPERTY SHOWN ON THE SURVEY LIES WITHIN A FLOOD STUDY AREA AS DESCRIBED ON THE FLOOD INSURANCE RATE MAP FOR THE COMMUNITY IN WHICH THE SUBJECT PROPERTY IS LOCATED. THE SUBJECT PROPERTY APPEARS ON THE FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 200208 0003 AS PUBLISHED. THIS INDICATES THAT THE SUBJECT PROPERTY IS LOCATED BETWEEN THE 100 YEAR AND 500 YEAR FLOOD ZONE (ZONE "B").

THE PARTIES LISTED ABOVE ARE ENTITLED TO RELY ON THE SURVEY AND THIS CERTIFICATE, WHICH IS TRUE AND ACCURATE.

JOINT ACCESS AGREEMENT

TRACT #2
JOINT ACCESS AGREEMENT
FILM 474 PAGE 433

LOT 1 BLOCK 1 QUEENS LAKE 2ND ADD
UNION NATIONAL BANK

LOT 4, QUEENS LAKE 2ND
UNION NATIONAL BANK

LEGEND

ESMT. EASEMENT

NORTH
Z

SOUTH S

E EAST

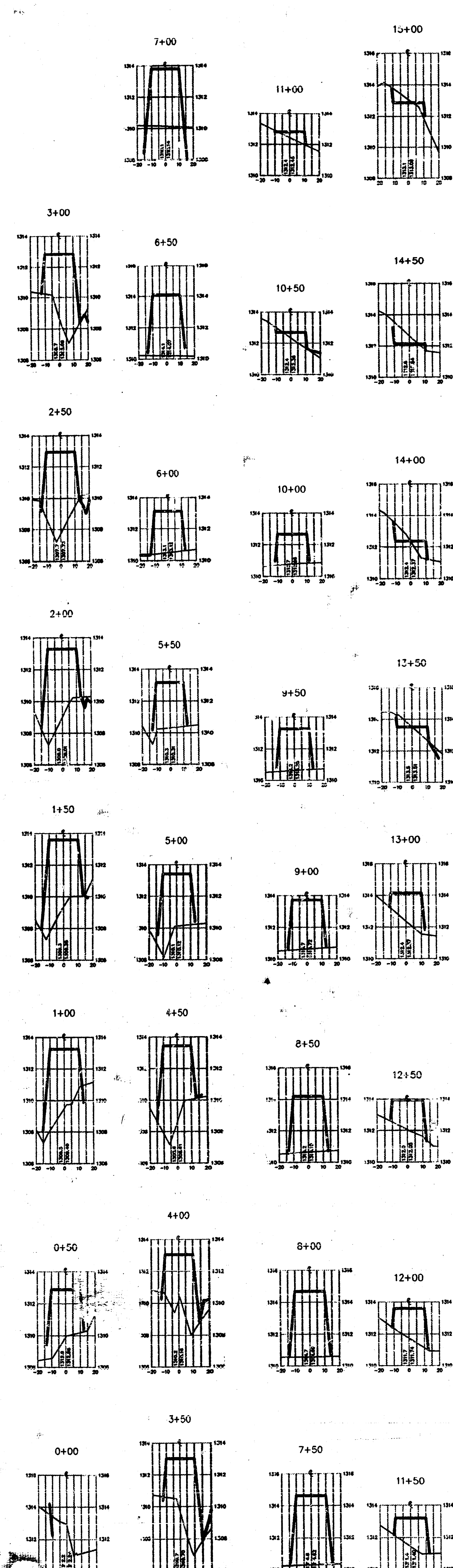
W
WEST

TUTTLE & ASSOCIATES, INC.
 9718 E. 53TH PL.
 TULSA, OKLAHOMA 74148
 (918) 663-5567

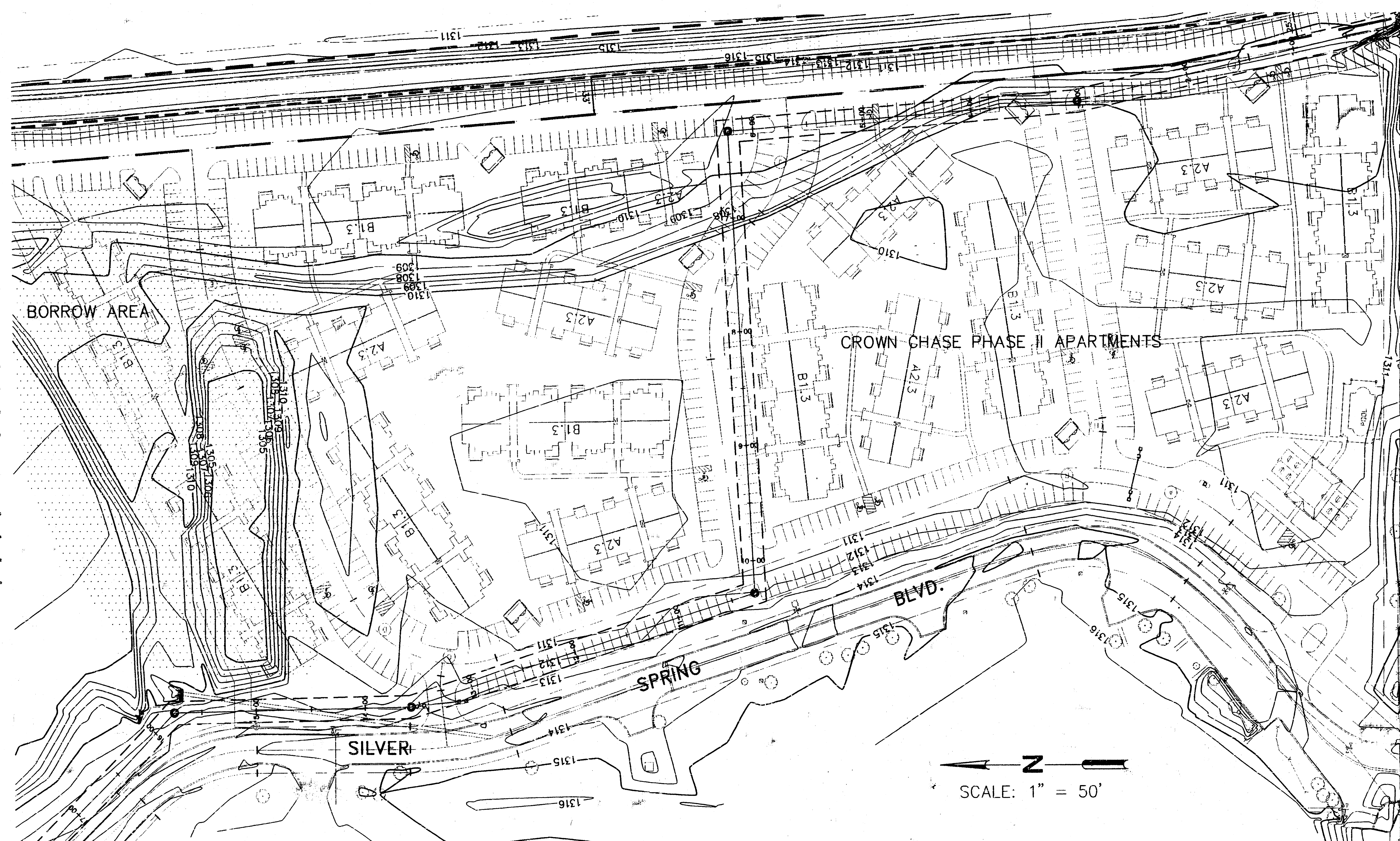
RECEIVED
 DEC 22 1997

DEC 22 1997
Ross Free Press

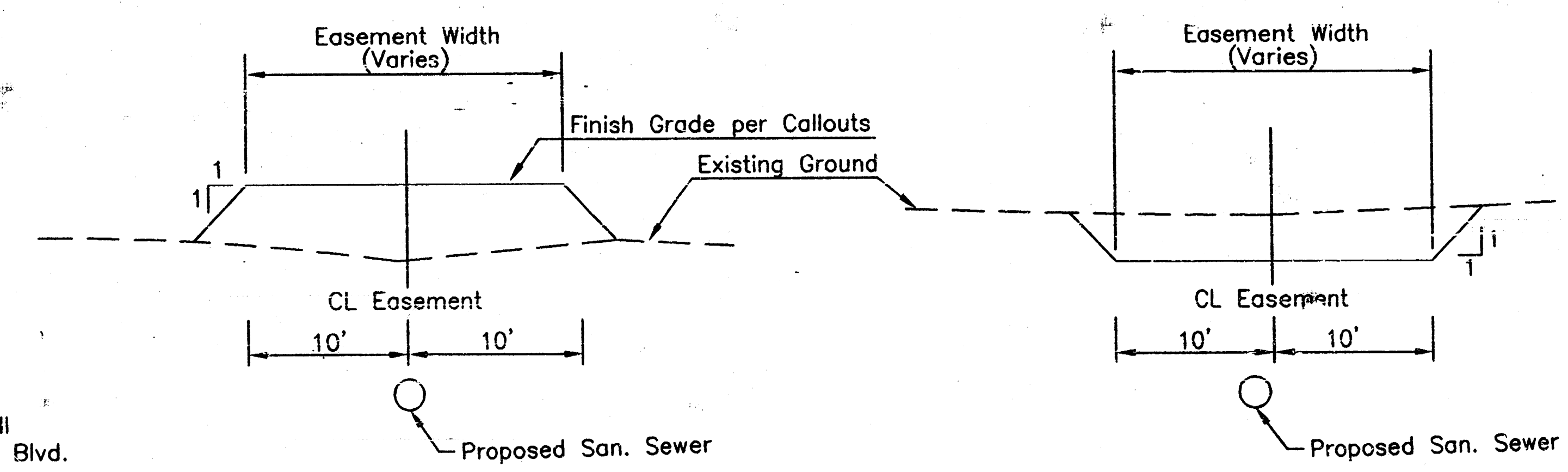
Ross Engineering



SANITARY SEWER EASEMENT GRADING SECTIONS
 VERTICAL SCALE: 1" = 5'
 HORIZONTAL SCALE: 1" = 50'



BENCHMARK:
 City of Wichita Benchmark:
 Brass Cap in Northeast corner of Concrete Headwall
 Approx. 675' North of Intersection of Silver Springs Blvd.
 and Ridge Road.
 Elevation: 1317.54 (U.S.G.S.)
 130.14 (City Datum)



TYPICAL FILL SECTION

TYPICAL CUT SECTION

EXCAVATION: 42CY
 COMPACTED FILL: 3,287CY
 OFF SITE BARROW: 3,245CY

NOTE: A COMPACTION FACTOR OF x1.25 USED

ROSS
Engineering, Inc.

1448 M Street
Suite 201
Lincoln, NE 68503
Phone 402-442-0277
Fax 402-442-0288

No.	Revisions	Rev.	Date

Scale 1"=50'

Drawn: PBR

Checked: PBR

Approved: PBR

Job#	File	Date	Page
988-30	98803SAG	3/19/98	1

KANSAS

CROWN CHASE
SANITARY SEWER DISTRICT

WICHITA

Sheet	Of
6	6

SANITARY SEWER
EASEMENT GRADING PLAN