



WICHITA, KANSAS

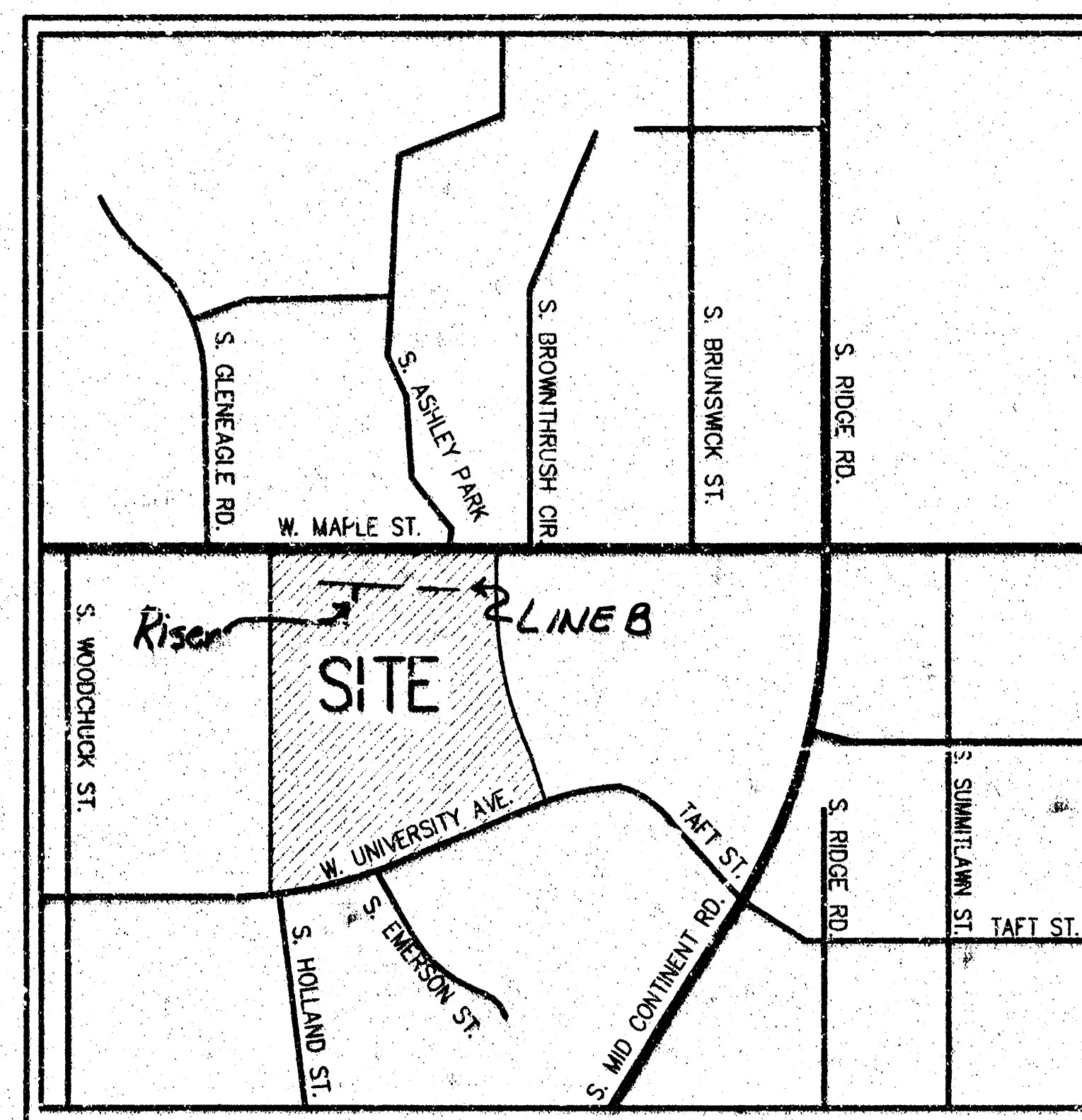
T-1943 Wichita Far West

SANITARY SEWER FOR ASHLEY TOWNE CENTRE ADDITION

CITY OF WICHITA PRIVATE PROJECT NO. 1409PPS (607861)
Neil D. Cable, P.E. - City Engineer

GENERAL NOTES

1. ALL IMPROVEMENTS WITHIN CITY RIGHTS OF WAYS, WATER AND SANITARY SEWER TO CONFORM TO CITY OF WICHITA STANDARD SPECIFICATIONS.
2. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, REGULATIONS, AND ORDINANCES.
3. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, REPAIRING, OR REPLACING ALL EXISTING UTILITIES AND IMPROVEMENTS DURING CONSTRUCTION.
4. ALL ON-SITE IMPROVEMENTS SHALL CONFORM TO THE SPECIFICATIONS MADE A PART OF THESE CONSTRUCTION DRAWINGS.
5. THE SIZE, TYPE, LOCATION, AND NUMBER OF ALL KNOWN UNDERGROUND UTILITIES ARE APPROXIMATE WHEN SHOWN ON THE DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES IN THE AREA OF THE WORK. BEFORE COMMENCING NEW CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL BE RESPONSIBLE FOR ALL UNKNOWN UNDERGROUND UTILITIES.
6. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALL UTILITIES TO COORDINATE SCHEDULES.
7. THESE DOCUMENTS ARE INSTRUMENTS OF SERVICE PROVIDED BY KIMLEY-HORN AND ASSOCIATES, INC. AND SHALL NOT BE REPRODUCED OR IN ANY WAY USED BY ANYONE WITHOUT PRIOR WRITTEN APPROVAL FROM KIMLEY-HORN AND ASSOCIATES, INC.
8. THESE DOCUMENTS ARE NOT TO BE USED FOR ANY CONSTRUCTION UNLESS SIGNED AND STAMPED BY A LICENSED PROFESSIONAL ENGINEER IN THE EMPLOY OF KIMLEY-HORN AND ASSOCIATES, INC. THE CONTRACTOR SHALL HAVE IN HIS POSSESSION AT ALL TIMES ONE (1) SIGNED COPY OF THE APPROVED PLANS.
9. SURVEY INFORMATION, TOPOGRAPHIC CONTOURS AND OTHER EXISTING FEATURES WAS PROVIDED BY OTHERS. KIMLEY-HORN AND ASSOCIATES, INC. CANNOT BE HELD LIABLE FOR ANY INACCURACY IN THE SURVEY INFORMATION.
10. SOILS ENGINEERING, PAVEMENT DESIGN, SLOPE AND ROAD BED STABILIZATION, RETAINING WALLS, AND SUBGRADE IMPROVEMENTS HAVE BEEN PROVIDED BY OTHERS. SEE RECOMMENDATIONS AND SPECIFICATIONS BY SOILS ENGINEER.
11. A PRE-CONSTRUCTION MEETING INVOLVING THE CONTRACTOR, THE ENGINEER, THE OWNER, AND CITY OF WICHITA SHALL BE HELD PRIOR TO THE START OF ANY ROADWAY AND/OR UTILITY CONSTRUCTION. THE CONTRACTOR WILL BE REQUIRED TO NOTIFY THE OWNER AND THE ENGINEER OF THE DATE HE INTENDS TO START CONSTRUCTION.
12. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
13. THE CONTRACTOR IS ADVISED THAT OTHER CONTRACTORS MAY BE WORKING IN THE AREA OF THIS PROJECT. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE HIS WORK WITH SAID CONTRACTORS. ALL COSTS INCIDENTAL TO THIS REQUIREMENT SHALL BE INCLUDED IN THE ORIGINAL CONTRACT PRICE FOR THE PROJECT.
14. SHEETING AND BRACING: THE SIDES OF ANY EXCAVATION OVER FIVE FEET DEEP (OR AT DEPTHS THAT WILL INTRODUCE CAVING) SHALL BE SUPPORTED BY ADEQUATE SHORING. ALL EXCAVATION, TRENCHING AND SHORING SHALL BE IN STRICT COMPLIANCE WITH APPLICABLE OSHA RULES AND REGULATIONS.
15. FOR STORM SEWER CULVERTS, LOCATION OFFSETS ARE MEASURED TO UPSTREAM OR DOWNSTREAM END OF FLARED END SECTION.
16. THE CONTRACTOR SHALL OBTAIN, AT HIS EXPENSE, ALL PERMITS WHICH ARE NECESSARY TO PERFORM THE PROPOSED WORK.
17. ALL TRAFFIC CONTROL SHALL FOLLOW MUTCD STANDARDS.
18. CLEAN-UP AND RESTORATION: RESTORE ALL PAVEMENTS, CURBS AND GUTTERS, SIDEWALKS, UTILITIES, FENCES, YARDS, LAWNS, AND OTHER STRUCTURES (OR SURFACES AFFECTED BY CONSTRUCTION) TO CONDITION EQUAL TO OR BETTER THAN BEFORE WORK BEGAN AND TO SATISFACTION OF THE ENGINEER. AUTHORITY HAVING JURISDICTION, AND PROPERTY OWNER, REMOVE AND DISPOSE OF ALL WASTE MATERIAL OFF-SITE. GENERAL CLEAN-UP OF THE AREA SHALL BE PERFORMED ON A DAILY BASIS TO THE SATISFACTION OF THE ENGINEER. PROPER SAFETY PROVISIONS SHALL BE MAINTAINED UNTIL COMPLETION OF WORK.
19. CONTRACTOR SHALL CLEAN ALL STREETS AFFECTED BY THIS CONSTRUCTION FOR THE ENTIRE WIDTH OF THE STREET.
20. ALL DIMENSIONS AND ELEVATIONS ARE TO FLOWLINE UNLESS NOTED OTHERWISE.



VICINITY MAP
NOT TO SCALE

CONTACTS

OWNER:

TARGET
1000 NICOLLET MALL, TPN-12F
MINNEAPOLIS, MINNESOTA 5540
TEL: (612) 761-5201
FAX: (612) 761-3727
CONTACT: JANA BEAN

CIVIL ENGINEER:

KIMLEY-HORN & ASSOCIATES, INC.
950 SEVENTEENTH STREET, SUITE 1050
DENVER, COLORADO 80202
TEL: (303) 228-2300
FAX: (303) 446-8678
CONTACT: SAMUEL B. SOURS, P.E.

LANDSCAPE ARCHITECT:

MCCLUGGAGE, VANSICKLE AND PERRY
125 S. WASHINGTON
WICHITA, KS 67202
TEL: (316) 262-0451
FAX: (316) 262-5465
CONTACT: DUSTIN RANDOLPH

LAND SURVEYOR:

SHAFER, KLINE & WARREN, INC.
11100 WEST 91ST STREET
OVERLAND PARK, KANSAS 66214
TEL: (913) 888-7800
FAX: (913) 888-7868
CONTACT: SCOTT D. CONFER

CITY ENGINEER'S OFFICE:

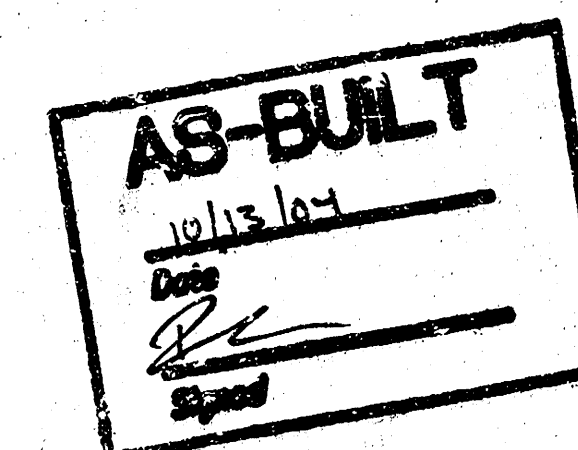
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
TEL: (316) 268-4501
FAX: (316) 268-4114

CITY WATER & SEWER DEPARTMENT:

CITY HALL - EIGHTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
TEL: (316) 268-4555
FAX: (316) 268-4514

REVISIONS		11/11/03	11/20/03	1/27/04		
SHEET NO.	DESCRIPTION					
C6.0	SANITARY SEWER COVER SHEET					
C6.1	SANITARY SEWER PLAN AND PROFILE LINE A					
C6.2	SANITARY SEWER PLAN AND PROFILE LINE B					
C6.3	SANITARY SEWER DETAILS					

Utility Contractors, Inc. - Contractor
Brandon Bohannon - K.E. Miller - Inspector
Riser
As-Built 10/13/04 Per Plans
Released 11/9/04
pdf by JDL 11/16/04



APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers *VRH 1/30/04*

Storm Sewers _____
Driveway Approaches _____
Water Mains _____
Paving _____

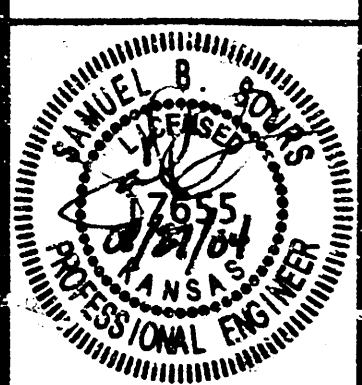
NOTE TO CONTRACTOR
INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

NO.	REVISIONS	NAME	DATE
3	CITY OF WICHITA-FINAL SUBMITTAL	KHA	1/27/04
2	CITY OF WICHITA-KS-SUBMITTAL	KHA	11/20/03
1	TARGET C.P.R.	KHA	11/11/03

K. Jey-Horn
and Associates, Inc.
© 2003 KIMLEY-HORN AND ASSOC. INC.
Engineering, Planning, and
Environmental Consultants
950 Seventeenth Street, Suite 1050
Denver, Colorado 80202 (303) 228-2300

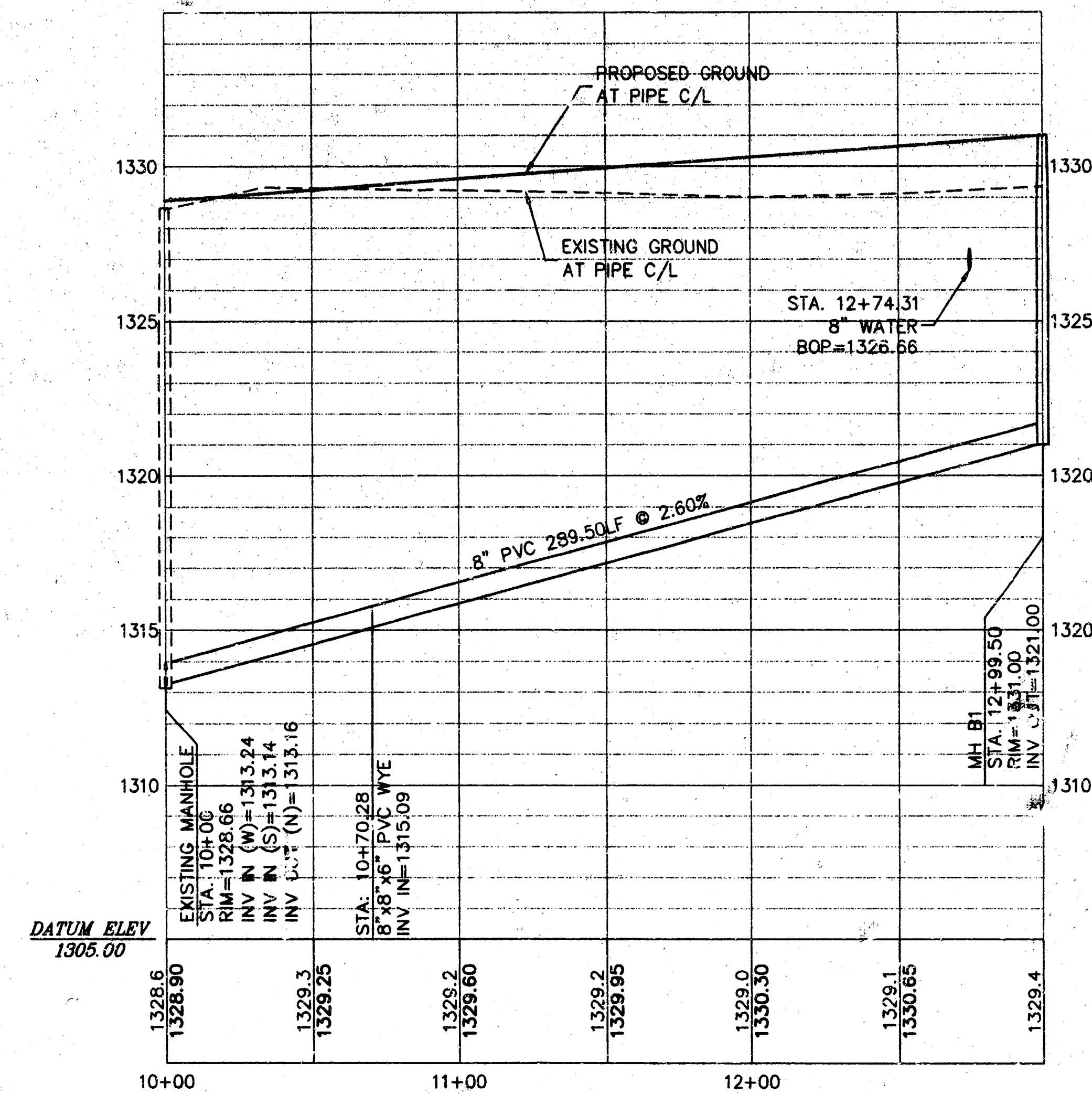
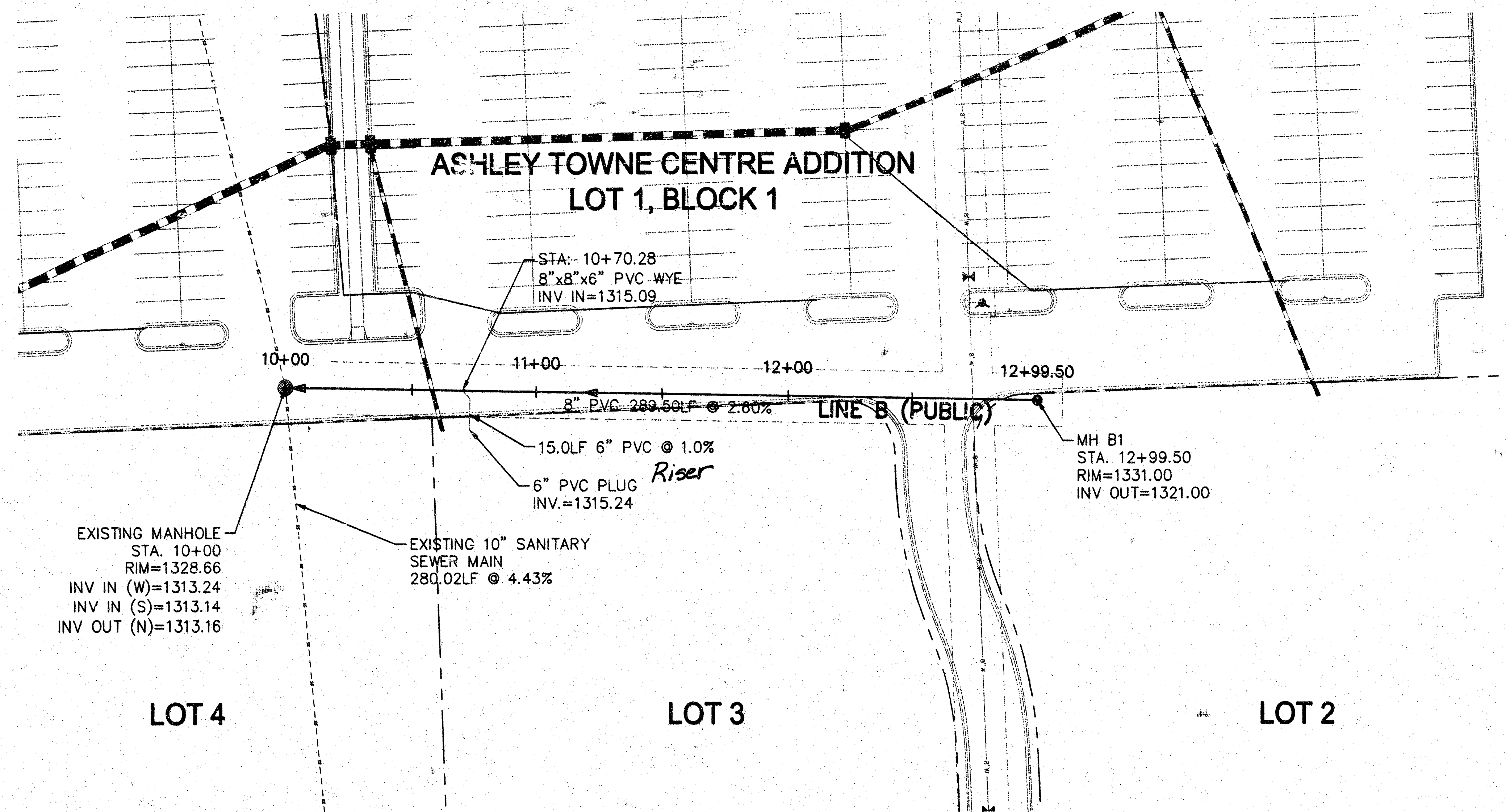
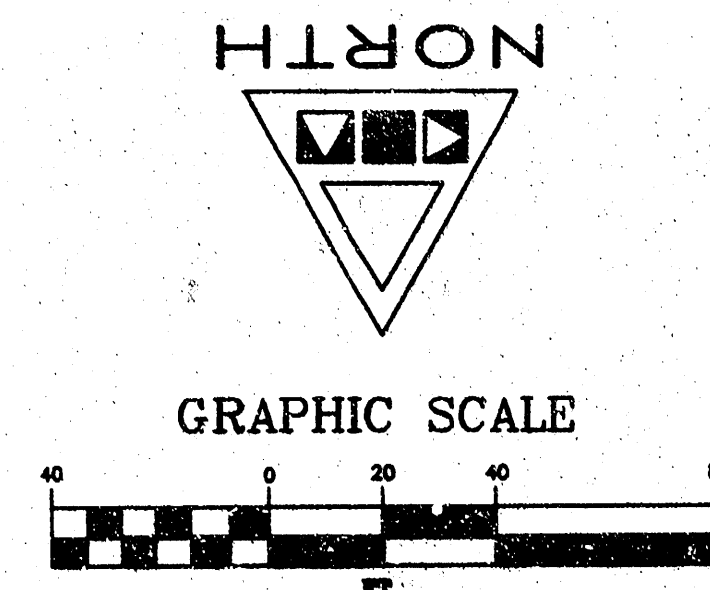
DRAWN BY: ALY
DESIGNED BY: CRF
CHECKED BY: CRF
DATE: 11/11/03

TARGET T-1943
SANITARY SEWER CONSTRUCTION FOR ASHLEY TOWNE CENTRE ADDITION
CITY OF WICHITA PRIVATE PROJECT NO. 1409PPS (607861)
SANITARY SEWER COVER SHEET



PROJECT NO.
06033000
DRAWING NAME
20CSAN-COV
SHEET NUMBER
C6.0

This document, together with the concepts and designs presented herein, is intended only for the specific purpose and use for which it was prepared. Reuse of any portion of this document without written authorization and approval by Kimley-Horn and Associates, Inc. and its affiliates is strictly prohibited.

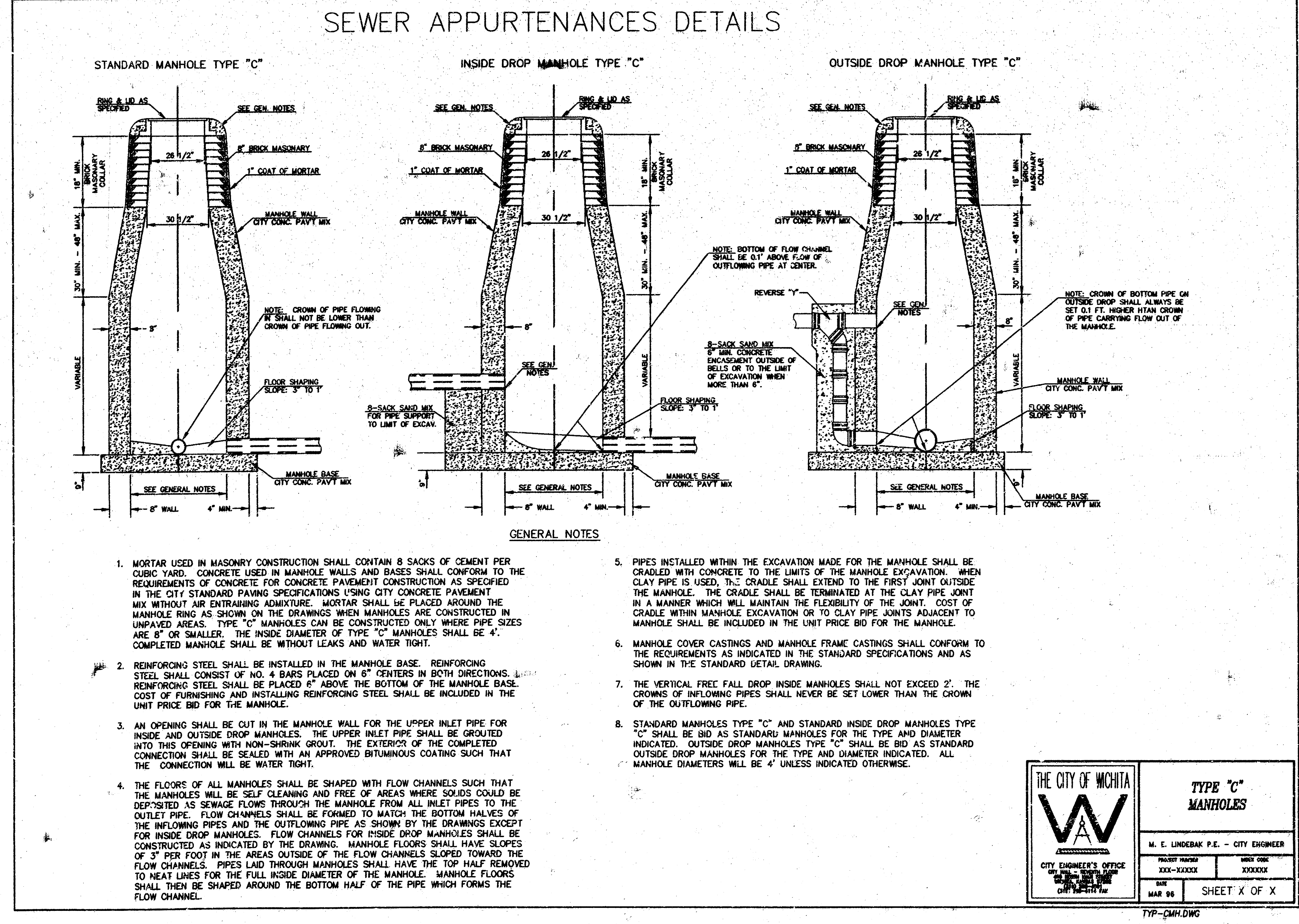
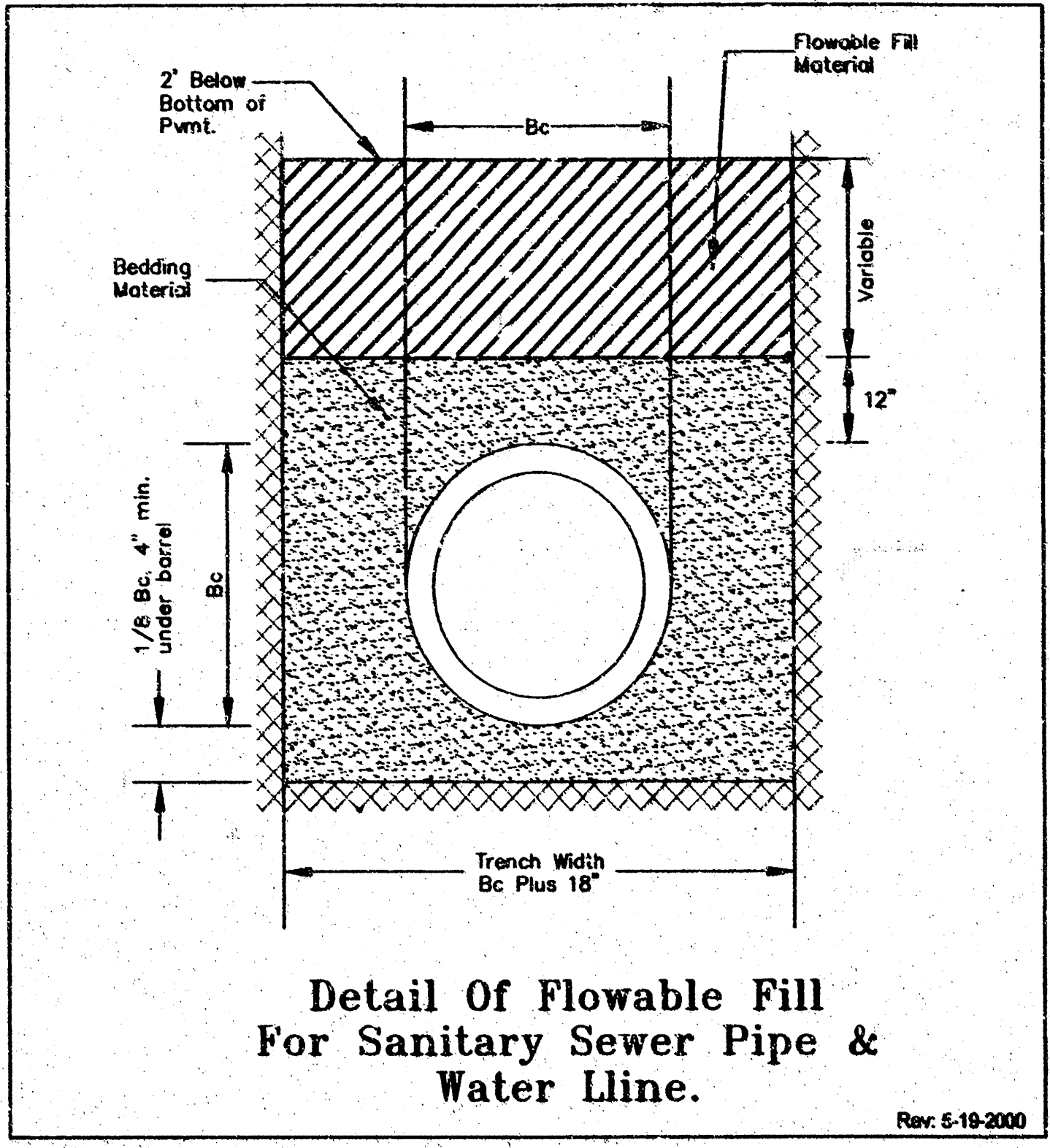
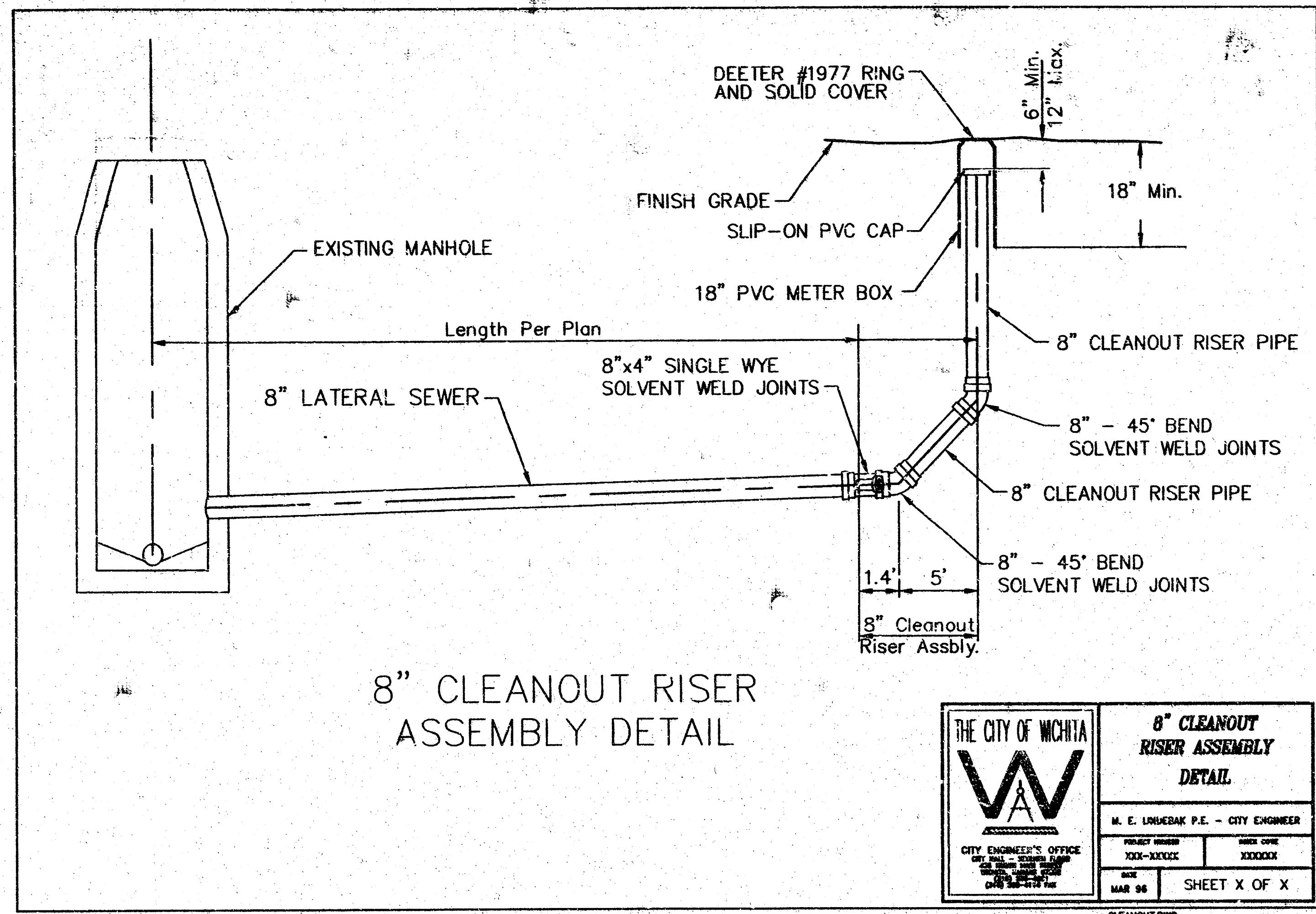


SANITARY LINE B (PUBLIC)
VERTICAL SCALE @ 24"=36" SHEET SIZE: 1"=4'

		TARGET T-1943 SANITARY SEWER CONSTRUCTION FOR ASHLEY TOWNE CENTRE ADDITION CITY OF WICHITA PRIVATE PROJECT NO. 1408PPS (607851)	
DRAWN BY: ALY DESIGNED BY: RJP CHECKED BY: ORF		DATE: 11/17/03	
PROJECT NO. 068033000		SHEET NUMBER C6.2	
DRAWMAN NAME 20CSAN		NO. REVISIONS 1 TARGET C.P.R. KHA 11/17/03 NAME DATE	
© 2003 KIMLEY-HORN AND ASSOC., INC. Engineering, Planning, and Environmental Consultants		950 Seventeenth Street, Suite 1050 Denver, Colorado 80202 (303) 228-2300	

This document, together with the conditions and design presented herein, is an instrument of service, and its use is limited to the specific project and client for which it was prepared. No other use, reproduction, or distribution is permitted without the written consent of the engineer.

63Land_Dev16053000_Targel_Wichita20CSAN-DET.dwg, 01/27/2004 03:34:48 PM



DRAWN BY: ALY DESIGNED BY: CBT CHECKED BY: CBT DATE: 11/11/03		PROJECT NO. 086033000	
DRAWING NAME 20CSAN-DET		SHEET NUMBER C6.3	
TARGET T-1943 SANITARY SEWER CONSTRUCTION FOR ASHLEY TOWNE CENTRE ADDITION CITY OF WICHITA PRIVATE PROJECT NO. 1408PPS (807861)			
SANITARY SEWER DETAILS			
Kimley-Horn and Associates, Inc. © 2003 KIMLEY-HORN AND ASSOC. INC. Engineering, Planning, and Environmental Consultants 850 Seventeenth Street, Suite 1050 Denver, Colorado 80202 (303) 228-2300 NO REVISIONS DATE: 11/27/04 DATE: 11/27/03 DATE: 11/27/03 DATE: 11/27/03			