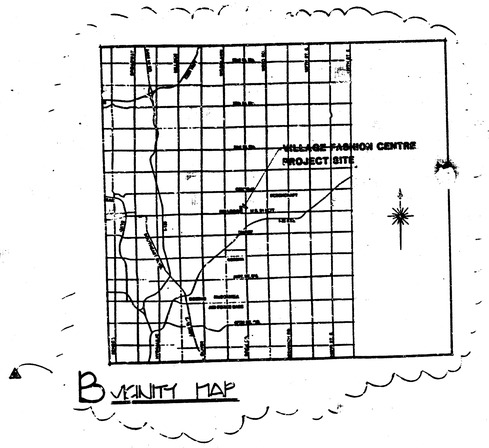
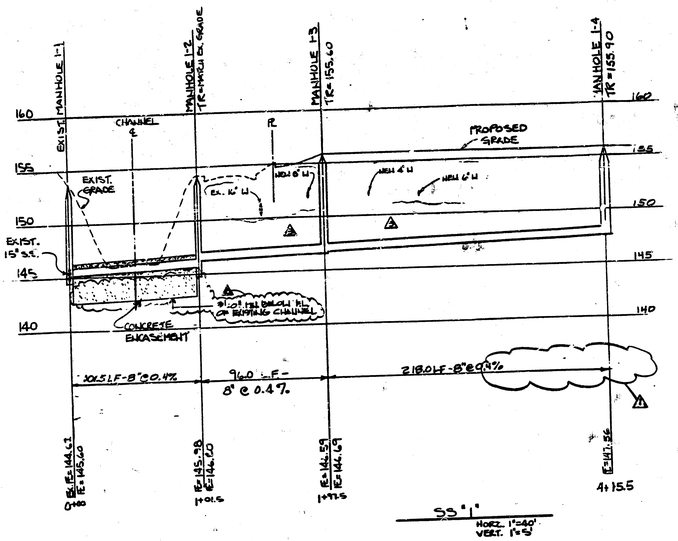
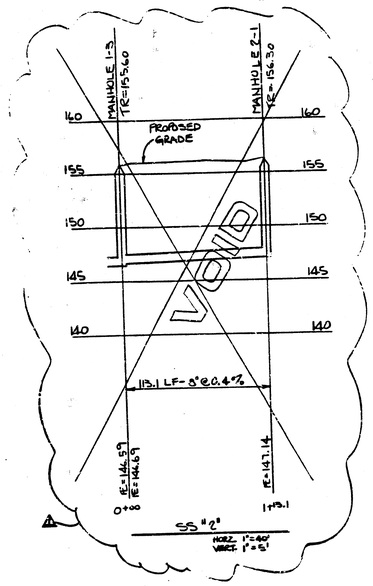


B VICINITY MAP





SITE COORDINATES

POINT NO.	COORDINATES NORTH	COORDINATES EAST	DESCRIPTION OF POINT
SANITARY SEWER			
1	1338.000	538.000	MANHOLE #1-2
2	1338.000	634.000	MANHOLE #1-3
3	1556.000	634.000	MANHOLE #1-4
WATER LINES			
10	1328.000	622.000	TEE
11	1332.000	622.000	45 BEND
12	1337.000	647.000	FIRE HYDRANT
13	1254.000	700.000	45 BEND
14	1125.000	700.000	90 BEND
15	1125.000	953.000	90 BEND
16	1146.000	947.000	FIRE HYDRANT
17	1616.000	948.000	FIRE HYDRANT
18	1630.000	953.000	45 BEND
19	1683.000	900.000	45 BEND
20	1805.000	900.000	90 BEND
21	1805.000	654.000	TEE
22	1738.000	647.000	FIRE HYDRANT

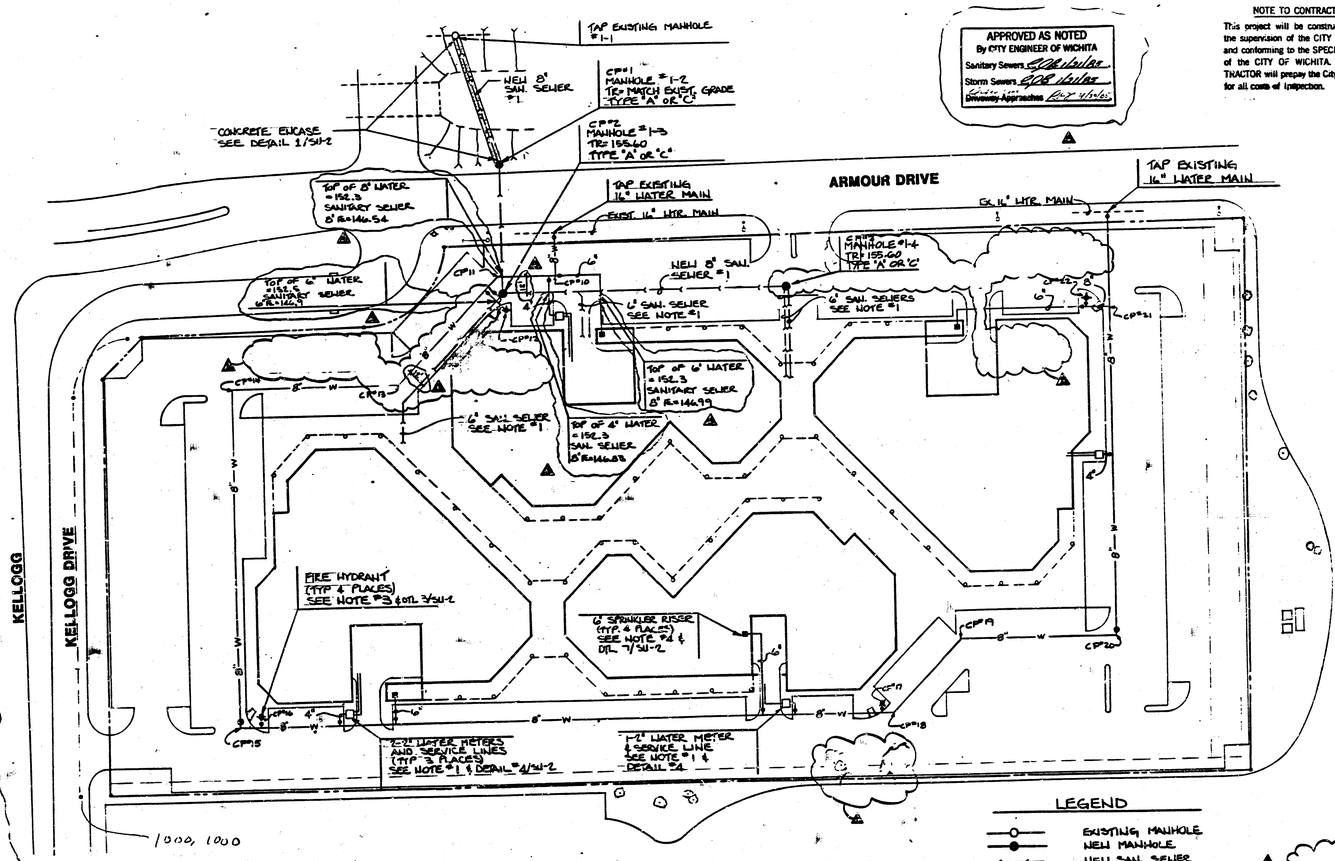
STAKE OUT NOTE
- THE CONTRACTOR SHOULD USE THE COORDINATE POINTS TO LOCATE CRITICAL POINTS ON THE SITE. DIMENSION STRINGS AS SHOWN ON SHEET SA-1 SHOULD VERIFY THE COORDINATES HOWEVER ANY DISCREPANCIES SHOULD BE REPORTED
- TO THE ARCHITECT PRIOR TO PROCEEDING. REFER TO SHEET SA-1 FOR ADDITIONAL COORDINATE INFORMATION.

NOTES

1. REFER TO PLUMBING PLANS FOR CONTINUATION OF SANITARY SEWER, DOMESTIC WATER METERS, AND WATER SERVICE LINES FROM THE METER TO THE BUILDING.
2. SITE GAS LINES TO BE DESIGNED AND CONSTRUCTED BY GAS COMPANY AND ARE NOT SHOWN ON THIS PLAN. CONTRACTOR TO COORDINATE LOCATION WITH GAS COMPANY.
3. CONTRACTOR TO COORDINATE WATER LINE ELEVATIONS WITH SANITARY AND STORM SEWERS. WATER LINES TO HAVE A MINIMUM OF 36" COVER.
4. REFER TO ARCHITECTURAL AND PLUMBING PLANS FOR EXACT LOCATION AND DETAILS OF SPRINKLER RISERS. THE DETAIL OF THE SPRINKLER RISER SHOWN IS FOR GENERAL REFERENCE ONLY AND NOT FOR CONSTRUCTION.
5. ALL WATER AND SEWER LINE CONSTRUCTION TO BE IN ACCORDANCE WITH "CITY OF WICHITA" STANDARDS AND SPECIFICATIONS.
6. COORDINATION WITH PAVING. IT IS IMPERATIVE THAT THE CONTRACTOR COORDINATE WATER LINE CONSTRUCTION WITH THE PAVING CONTRACTORS, SEE SPECIAL PROVISIONS IN SPECIFICATION #14533.
7. ALL WATER MAINS TO HAVE A MIN. OF 1' CLEARANCE BETWEEN BOTTOM OF STORM SEWER PIPE AND TOP OF WATER MAIN.
8. NOTIFY THE FOLLOWING COMPANIES PRIOR TO ANY TRENCHING.

ARKLA GAS CO.	943-8350
BELL TEL. CO.	1-571-2115
CABLEVISION	266-6817
GAS SERVICE CO.	263-7521
KANSAS GS. & ELECTRIC	261-6248
KANSAS-ONE-CALL	1-800-344-7233

9. ALL BLOCK CORNERS AND CONTROL POINTS WILL BE PROTECTED. IF REMOVED DURING CONSTRUCTION, CONTRACTOR WILL HAVE THEM REPLACED BY A LICENSED ENGINEER OR LAND SURVEYOR AT HIS EXPENSE.
10. ALL WATER MAINS AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD SPECIFICATION FOR WATER MAIN INSTALLATIONS, NUMBER 14533.
11. SPECIAL NOTE: AS THESE WATER MAINS ARE BEING INSTALLED IN AN EASEMENT ON PRIVATE PROPERTY, IT WILL BE THE DEVELOPERS RESPONSIBILITY FOR LOCATING AND STAKING THE EASEMENT AND ESTABLISHING THE FINISH GRADE OF THE SURFACE OVER THE WATER MAINS AND APPURTENANCES PRIOR TO INSTALLATION OF SAME. THIS WILL NOT BE DONE BY THE WATER DEPT. UNDER ANY CIRCUMSTANCES.
12. THERE IS TO BE NO WORK STARTED BY THE CONTRACTOR PRIOR TO NOTIFICATION AND APPROVAL OF THE CONSTRUCTION ENGINEER OF CONSTRUCTION AND SURVEY AND DIVISION OF OPERATIONS AND MAINTENANCE AND ASSIGNMENT AND PRESENCE OF A DEPARTMENT INSPECTOR ON THE SITE. SHOULD CONSTRUCTION BE STARTED PRIOR TO THESE REQUIREMENTS BEING MET, THE CONTRACTOR WILL BE REQUIRED TO REOPEN THE DITCHES.



A SITE UTILITY PLAN
SCALE: 1"=50'

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers
Storm Sewers
Driveway Approaches

NOTE TO CONTRACTOR
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The CONTRACTOR will prepay the City of Wichita for all costs of inspection.

LEGEND
- EXISTING MANHOLE
- NEW MANHOLE
- NEW SAN. SEWER
- NEW WATER MAIN
- EXISTING FIRE HYDRANT
- NEW FIRE HYDRANT
- NEW 4HR VALVE & BOX

ROBERT D. FRIESEN LICENSED 6719 KANSAS PROFESSIONAL ENGINEER

CITY OF WICHITA WATER LINE PRIVATE PROJECT # 448-76-245-80001-000-000-02
448-76-245-80001-000-000-10

PRINTS ISSUED		
DATE	PURPOSE	NO.
11/1/84	FOR CONSTRUCTION	30
12/11/84	REV. FOR CONSTRUCTION	58

FOR CONSTRUCTION: 11/1/84

REVISIONS		
DATE	ITEM	NO.
12/11/84	REV SAN. SEWER	1
1/15/85	REV FOR CITY REVIEW	2
4-30-85	REV FOR CITY REVIEW	3

LAW/ERICSON, INC.
ARCHITECTS & ENGINEERS
6363 WOODWAY, HOUSTON, TEXAS 77057
PHONE (713) 975-0000 TELEX 76-2812

REGISTERED ARCHITECT BEN J. ERICSON 1896 STATE OF KANSAS

DRAWN	CHECKED

RELATED DRAWINGS

SHELL	
INTERIOR	
STRUCTURE	
MECHANICAL	
ELECTRICAL	
OTHER	

SEQUENCE NUMBER
OF SHEETS

Village Fashion Centre
Armour Drive & Kellogg Drive
Wichita, Kansas
PROJECT NUMBER 7422

KEY PLAN

SITE UTILITY PLAN
SHEET TITLE
SHEET NUMBER
SU1
OF SHEETS
1/4

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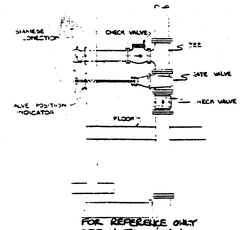
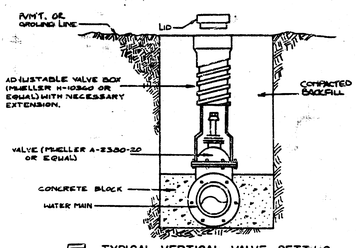
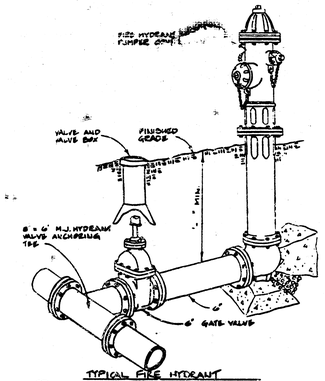


7 SPRINKLER RISER DETAIL
NTS

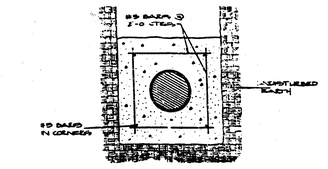


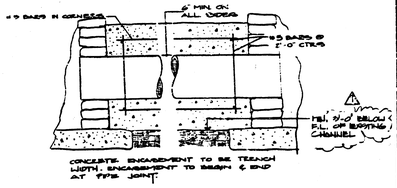
5 TYPICAL VERTICAL VALVE SETTING
NTS



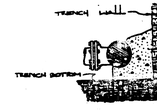
TYPICAL FIRE HYDRANT

3 FIRE HYDRANT DETAIL
NTS

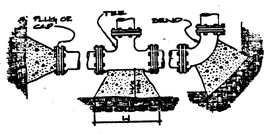




1 REINFORCED CONCRETE ENCASEMENT DETAIL
NTS



SECTION



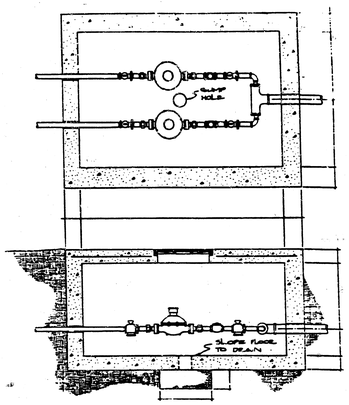
PLAN

PIPE SIZE	TRUE/PLUG		90° BEND		45° BEND		22½° BEND	
	H	L	H	L	H	L	H	L
3"	1'-0"	2'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
4"	1'-0"	2'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
6"	2'-0"	3'-0"	2'-0"	2'-0"	1'-0"	2'-0"	1'-0"	1'-0"
8"	2'-0"	4'-0"	2'-0"	2'-0"	2'-0"	3'-0"	1'-0"	2'-0"
10"	3'-0"	5'-0"	3'-0"	3'-0"	2'-0"	4'-0"	2'-0"	3'-0"

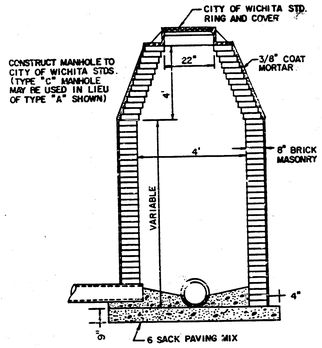
BASED ON SOIL TEST PRESSURE

P LOCKED TO BE POURED IN PLACE AGAINST UNDISTURBED SOIL.

6 THRUST BLOCK DETAIL
NTS



4 METER VAULT DETAIL
NTS



2 MANHOLE DETAIL
NTS

PRINTS ISSUED		
DATE	PURPOSE	NO.
11/1/84	FOR CONSTRUCTION	20
12/12/84	NEW FOR CONSTRUCTION	35

FOR CONSTRUCTION: 11/1/84

REVISIONS		
DATE	ITEM	NO.
1/21/85	NEW FOR CITY REVIEW	1

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ARCHITECTS & ENGINEERS
Phone (316) 269-0336 Copyright © 1984

BEN J. KINGDON 1896 REGISTERED ARCHITECT STATE OF KANSAS

DRAWN	CHECKED

RELATED DRAWINGS

SMALL	
DETAILS	
STRUCTURE	
MECHANICAL	
ELECTRICAL	
OTHER	

SEQUENCE NUMBER

OF SHEETS

Village Fashion Centre
Armour Drive & Kellogg Drive
Wichita, Kansas
PROJECT NUMBER 7432

KEY PLAN

SITE UTILITY DETAILS
SHEET TITLE

SHEET NUMBER
SU2
OF SHEETS

HARLEY R. FRIESEN LICENSED 6719 KANSAS PROFESSIONAL ENGINEER

CITY OF WICHITA # 140-74-00-00000-000-000-008

2/4

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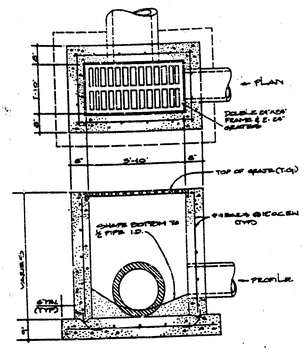
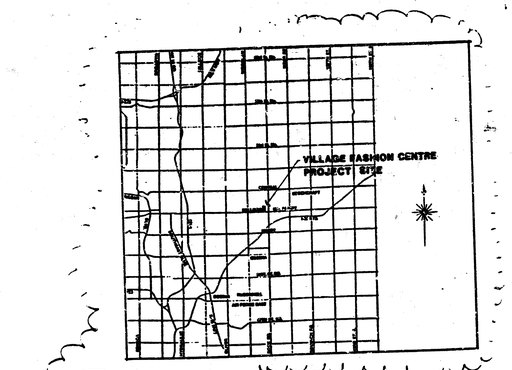


1 DOUBLE 24" x 24" INLET



3 VICINITY MAP

SITE COORDINATES

POINT NO.	COORDINATES NORTH	EAST	DESCRIPTION OF POINT
1	1310.000	614.000	INLET # A-2
2	1.31.000	606.000	INLET # A-3
3	1401.000	692.000	INLET # A1-1
4	1418.0	603.000	INLET # A-4
5	1696.000	618.000	INLET # A-5
6	1696.000	692.000	INLET # A2-1
7	1832.000	652.000	INLET # A-6
8	1832.003	774.000	INLET # A-7
9	1736.000	888.000	INLET # A-8
10	1207.030	667.000	INLET # C-2
11	1043.000	712.000	INLET # B-2
12	1058.000	956.500	INLET # B-3
13	1159.000	979.000	INLET # B-4
14	1236.000	979.000	INLET # B-5
15	1236.000	900.000	INLET # B1-1
16	1331.000	979.000	INLET # B-6
17	1414.000	970.000	INLET # B-7
18	1536.000	958.000	INLET # B-8
19	1536.000	900.000	INLET # B-9

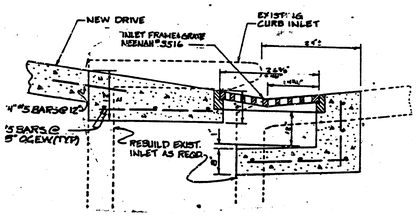
STAKE OUT NOTE
THE CONTRACTOR SHOULD USE THE COORDINATE POINTS TO LOCATE CRITICAL POINTS ON THE SITE. DIMENSION STRINGS AS SHOWN ON SHEET SA-1 SHOULD VERIFY THE COORDINATES HOWEVER ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT PRIOR TO PROCEEDING. REFER TO SHEET SA-1 FOR ADDITIONAL COORDINATE INFORMATION.

NOTES

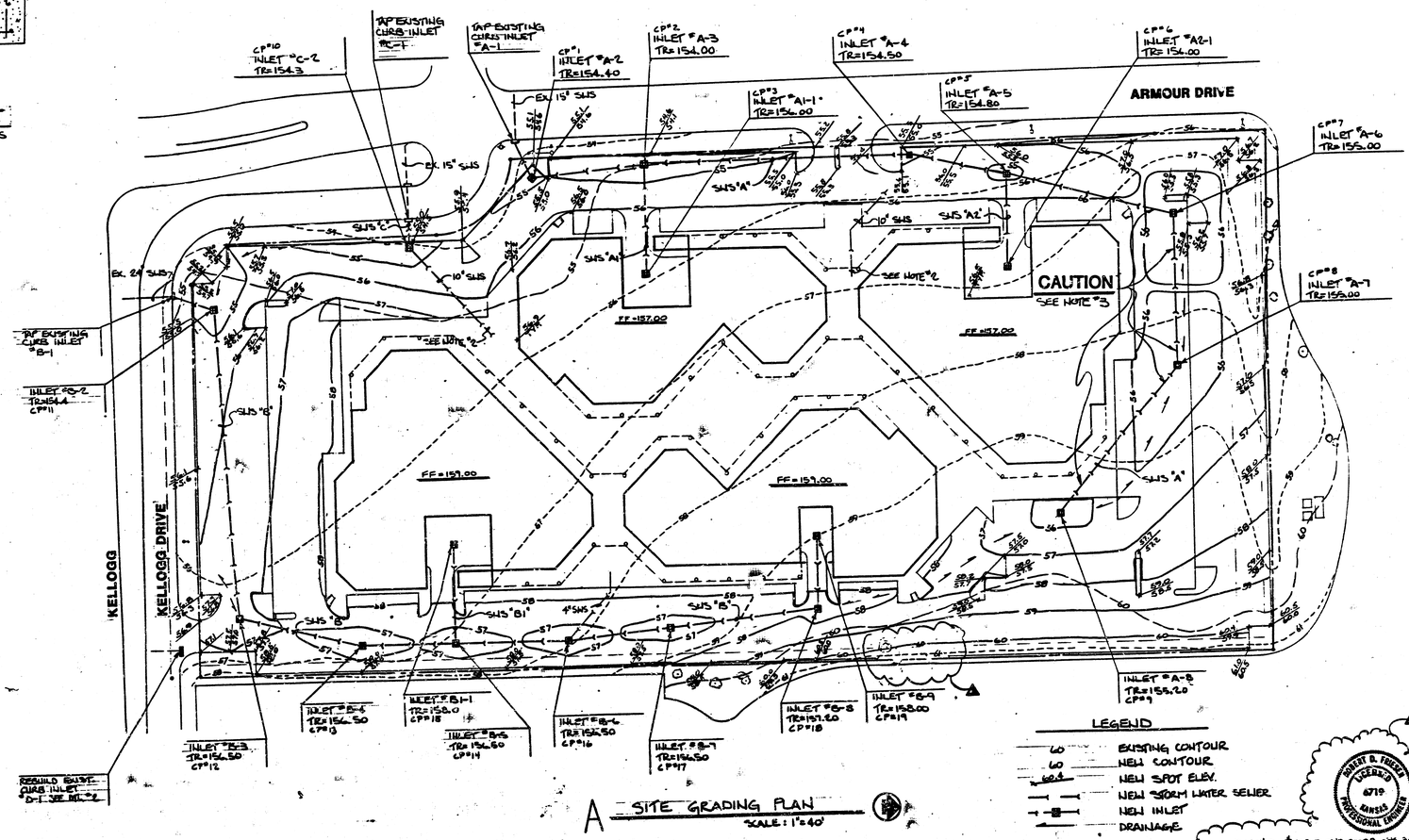
1 REFER TO SHEET SA-2 FOR EXACT ELEVATIONS OF SIDEWALKS, SERVICE COURTS, COURTYARDS, ETC. ADJACENT TO BUILDINGS.

2 REFER TO PLUMBING PLANS FOR CONTINUATION OF COURTYARD DRAINS, ROOF DRAINS, ETC.

3 DUE TO THE MINIMUM COVER AVAILABLE THE CONTRACTOR IS REQUIRED TO USE EXTRA CAUTION TO PROTECT STORM WATER SEWER FROM DAMAGE UNTIL PAVEMENT IS IN PLACE. DO NOT ALLOW HEAVY TRUCKS TO CROSS PIPE WITH LESS THAN 12" COVER. DAMAGED PIPE WILL NEED TO BE REMOVED AND REPLACED PRIOR TO PAVING.



2 REBUILT CURB INLET
NTS



A SITE GRADING PLAN
SCALE: 1"=40'

LEGEND

60	EXISTING CONTOUR
60	NEW CONTOUR
60.5	NEW SPOT ELEV.
	NEW STORM WATER SEWER
	NEW INLET
	DRAINAGE

HERBERT D. FRIESEN LICENSED 6719 KANSAS PROFESSIONAL ENGINEER

CITY OF WICHITA, # 448-96-00000-023-200-008

PRINTS ISSUED

DATE	PURPOSE	NO.
11/1/84	FOR CONSTRUCTION	2
11/14/84	REV. FOR CONSTRUCTION	3

FOR CONSTRUCTION: 11/1/84

REVISIONS

DATE	ITEM	NO.
11/14/84	DRIVE TO DRIVE	1
11/14/84	REV. FOR CITY REVIEW	2

LAW/KINDOOR, INC.
ARCHITECTS & ENGINEERS
800 BROADWAY, KANSAS CITY, MISSOURI 64105
PHONE (816) 842-0220 TELECOPIER (816) 221-1000

REGISTERED ARCHITECT NEIL J. KINDOOR 1006 STATE OF KANSAS

DRAWN | CHECKED

RELATED DRAWINGS

CIVIL	
DETAILS	
STRUCTURAL	
PLUMBING/M.E.	
ELECTRICAL	
OTHER	

SEQUENCE NUMBER
OF SHEETS

Village Fashion Centre
Armour Drive & Kellogg Drive
Wichita, Kansas
PROJECT NUMBER 7422

KEY PLAN

SITE GRADING PLAN
SHEET TITLE
SHEET NUMBER
SG1
OF SHEETS

3/4

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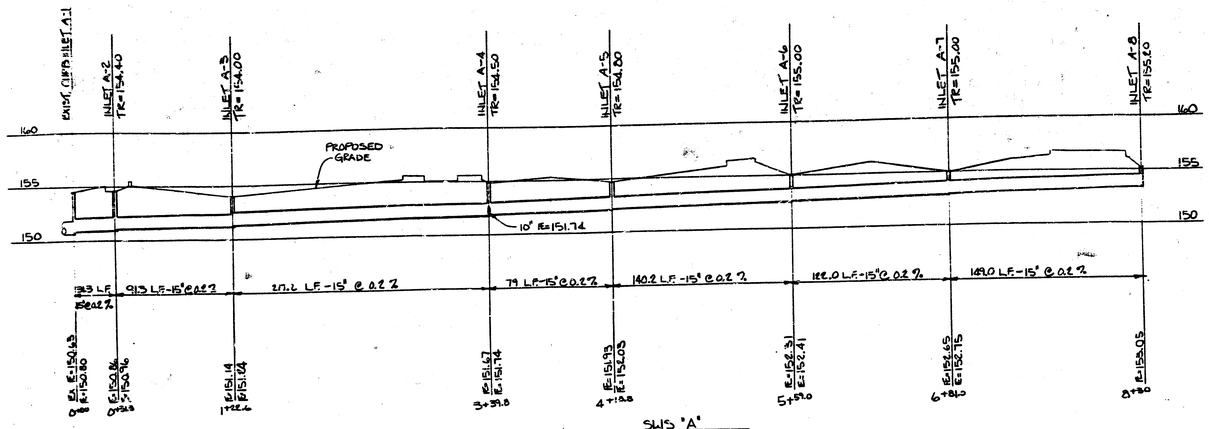
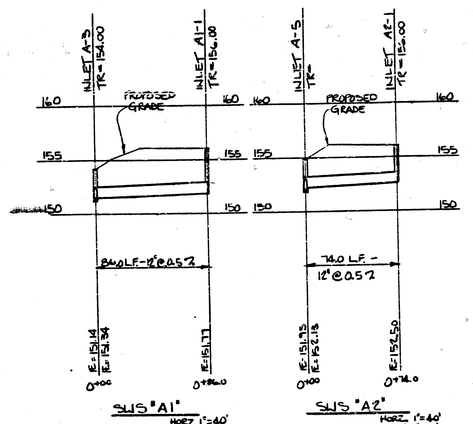
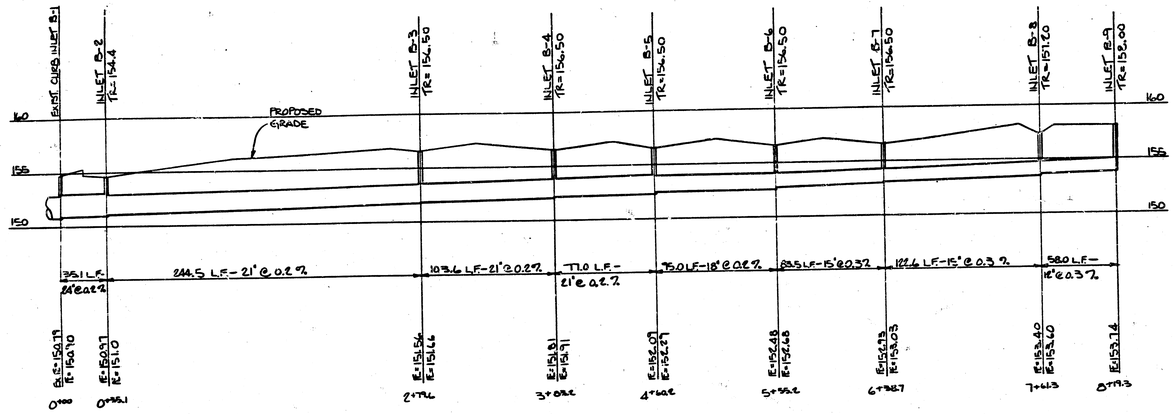


SWS "A"
HORZ. 1"=40'
VERT. 1"=5'

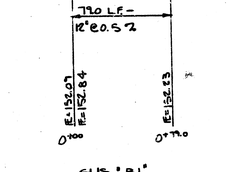


SWS "A1"
HORZ. 1"=40'
VERT. 1"=5'

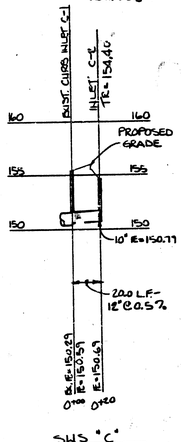
SWS "A2"
HORZ. 1"=40'
VERT. 1"=5'



SWS "B"
HORZ. 1"=40'
VERT. 1"=5'



SWS "B1"
HORZ. 1"=40'
VERT. 1"=5'



SWS "C"
HORZ. 1"=40'
VERT. 1"=5'

PRINTS ISSUED		
DATE	PURPOSE	NO.
11/1/84	FOR CONSTRUCTION	20
12/21/84	REV. PER CONSTRUCTION	30

FOR CONSTRUCTION: 11/1/84

REVISIONS		
DATE	ITEM	NO.
11/21/84	REV. PER CITY RVW/WLH	1

LAW/KINGDON, INC.
ARCHITECTS & ENGINEERS
Phone (316) 684-0252 Olympia (206) 1084

REGISTERED ARCHITECT
BEN J. STANGHOR
1996
STATE OF KANSAS

DRAWN	CHECKED
-	

RELATED DRAWINGS

SHELL	
INTERIORS	
STRUCTURAL	
MECHANICAL	
ELECTRICAL	
OTHERS	

DRAWING NUMBER
OF SHEETS

Village Fashion Centre
Armour Drive & Kellogg Drive
Wichita, Kansas
PROJECT NUMBER 7422

KEY PLAN

STORM WATER SEWER PROFILES
SHEET TITLE

SHEET NUMBER
SG2
4/4
OF SHEETS

ROBERT A. FRIESEN
LICENSED PROFESSIONAL ENGINEER
6719
KANSAS

CITY OF WICHITA #160-76-10-00000-000-000-000

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