

GENERAL NOTES

1. ALL ELEVATIONS SHOWN ARE BASED ON CITY OF WICHITA DATUM (MEAN SEA LEVEL ELEV. -1187.4=CITY DATUM).
2. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT(48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS.

KANSAS ONE CALL 687-2470

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

CABLEVISION	262-4270 OR 263-2061
KG&E-GAS	263-7511
KG&E-ELECTRIC	264-1141
PEOPLES NATURAL GAS	942-8811
SOUTHWESTERN BELL TELEPHONE	1-571-2611
CITY OF WICHITA WATER DEPARTMENT	268-4908

THE CONTRACTOR SHALL NOTIFY PIPELINE COMPANIES AT LEAST 24 HOURS IN ADVANCE OF ANY WORK BEING PERFORMED ACROSS AND/OR ADJACENT TO PIPELINES.

3. THE CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR IS ASSIGNED TO THE PROJECT AND IS PRESENT ON THE SITE. ANY WORK DONE WITHOUT INSPECTION WILL BE REQUIRED TO BE UNCOVERED FOR INSPECTION.

4. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS/OR TENANTS OF DEVELOPED PROPERTY DIRECTLY ADJUTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN(10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.

5. 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.

6. THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, ENTRANCES AND BANK LINES TO THEIR ORIGINAL SLOPES AND GRADES EXCEPT AS SHOWN OTHERWISE.

7. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ADJUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED, EXCEPT WHEN SUCH SAW CUTS ARE WITHIN THREE(3) FEET OF AN EXISTING JOINT. THE LIMITS OF REMOVAL SHALL BE EXTENDED TO THE EXISTING JOINT. REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE CITY OF WICHITA STANDARD SPECIFICATIONS.

8. PAVEMENT REMOVAL AND/OR REPLACEMENT WILL BE MEASURED AND PAID FOR ON THE LINEAL FOOT BASIS AS MEASURED ALONG THE CENTERLINE OF THE WATER LINE REGARDLESS OF WIDTH, PAVEMENT TYPE AND/OR PAVEMENT THICKNESS. MINIMUM LIMITS OF SUCH PAVEMENT REMOVAL AND REPLACEMENT SHALL BE ONE FOOT BEYOND THE LIMITS OF THE EXCAVATION MADE FOR THE WATER LINE OR THE STRUCTURE, EXCEPT WHEN SUCH SAW CUTS ARE WITHIN THREE(3) FEET OF AN EXISTING JOINT. THE LIMITS OF REMOVAL SHALL BE EXTENDED TO THE EXISTING JOINT. REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT SHALL BE CONFORM TO THE APPLICABLE SECTIONS OF THE CITY OF WICHITA STANDARD SPECIFICATIONS.

9. INTERURBAN TRAFFIC GENERATED OUTSIDE THE PROJECT AREA SHALL NOT BE CARRIED THROUGH CONSTRUCTION. LOCAL RESIDENTIAL TRAFFIC GENERATED WITHIN THE PROJECT AREA SHALL BE CARRIED THROUGH CONSTRUCTION AS FURTHER PROMULGATED BY PROJECT SPECIAL PROVISIONS.

10. 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. LOCATION INFORMATION HAS BEEN OBTAINED FROM VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR FIELD LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

11. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS, THAT IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.

ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOODPLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

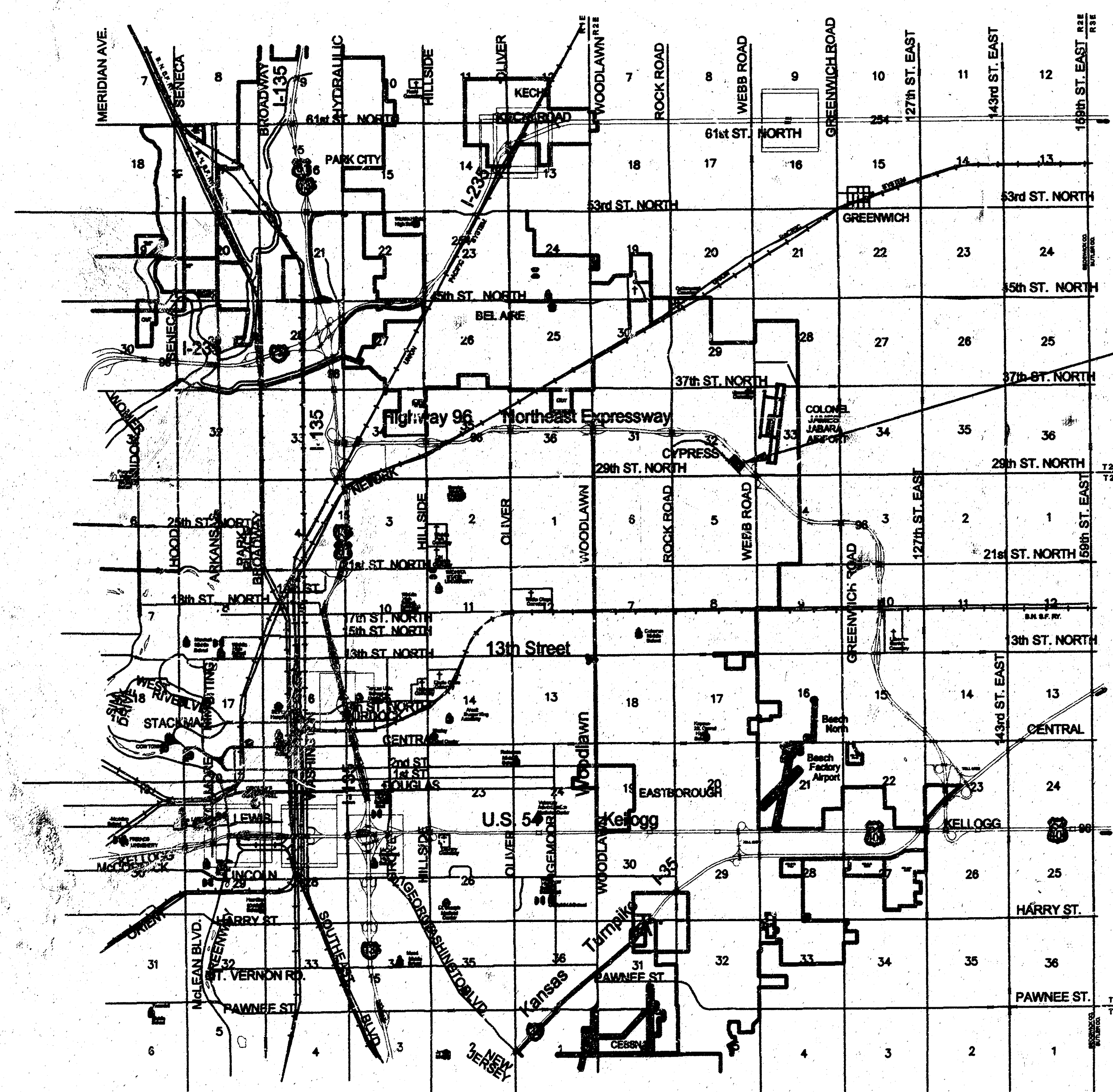
12. PROPERTIES WITHIN THE PROJECT LIMITS MAY HAVE UNDERGROUND SPRINKLER SYSTEMS IN THE PUBLIC RIGHT-OF-WAY WHICH CONFLICT WITH NEW CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO REMOVE SUCH IMPROVEMENTS SHOULD THEY NOT BE REMOVED BY THEIR OWNER AT THE TIME OF CONSTRUCTION OF THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SALVAGE ALL SPRINKLER HEADS AND/OR VALVES AND GIVE SUCH MATERIAL TO THEIR OWNER. PORTIONS OF UNDERGROUND SPRINKLER SYSTEMS NOT IN CONFLICT WITH NEW CONSTRUCTION SHALL BE PROTECTED FROM DAMAGE AND SHALL REMAIN IN PLACE. ALL WORK IN CONNECTION WITH UNDERGROUND SPRINKLER SYSTEMS SHALL BE CONSIDERED AS SUBSIDIARY TO THE CONTRACT PAY ITEMS OF WORK.

13. THE CONTRACTOR MUST EXAMINE THE CONSTRUCTION SITE PRIOR TO BIDDING AND BE SATISFIED AS TO THE WORK SHOWN FOR COMPLETION. AFTER BIDS HAVE BEEN RECEIVED, THE CONTRACTOR SHALL NOT ASSERT THAT THERE WAS A MISUNDERSTANDING OF THE QUANTITIES OF WORK OR OF THE NATURE FOR THE WORK TO BE COMPLETED.

STORM WATER SEWER IMPROVEMENTS FOR

FEIST CORPORATE OFFICE
LOT 10, BLOCK 2, MEDITERRANEAN PLAZA
AN ADDITION TO

WICHITA, SEDGWICK COUNTY, KANSAS
CITY OF WICHITA PRIV. PROJ. NO. 1064 PPS(607861)
MIKE LINDEBAK, P.E., CITY ENGINEER
NOVEMBER 2000



LOCATION MAP

PROJECT LOCATED IN SW 1/4 of
Sec. 32, T26S, R2E, WICHITA,
SEDGWICK COUNTY, KANSAS

INDEX OF SHEETS

1. Title Sheet & General Notes
2. Site Plan
3. Plan/Profile
4. Inlet/End Section Details

BENCHMARK:
City of Wichita Benchmark disc- At sign base, west
side Webb Road 2' West of west edge sidewalk, 50'
North of east bound on-ramp to K-96.
Elev = 222.74 (City of Wichita Datum)

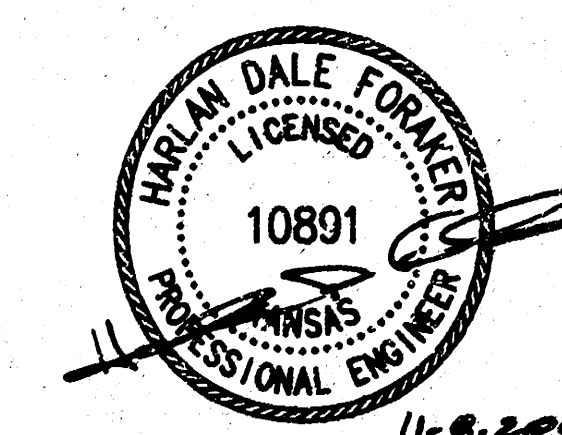
APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers VRH 11/8/00
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.

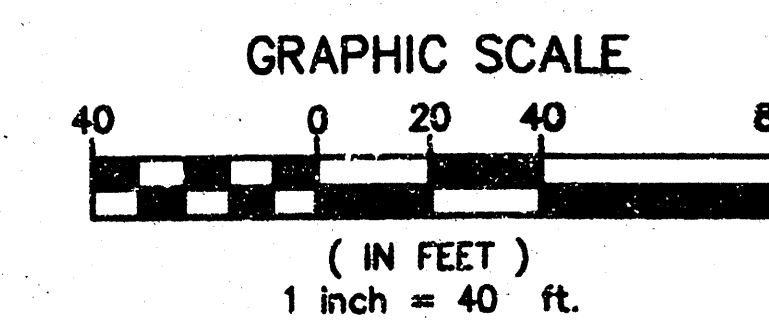
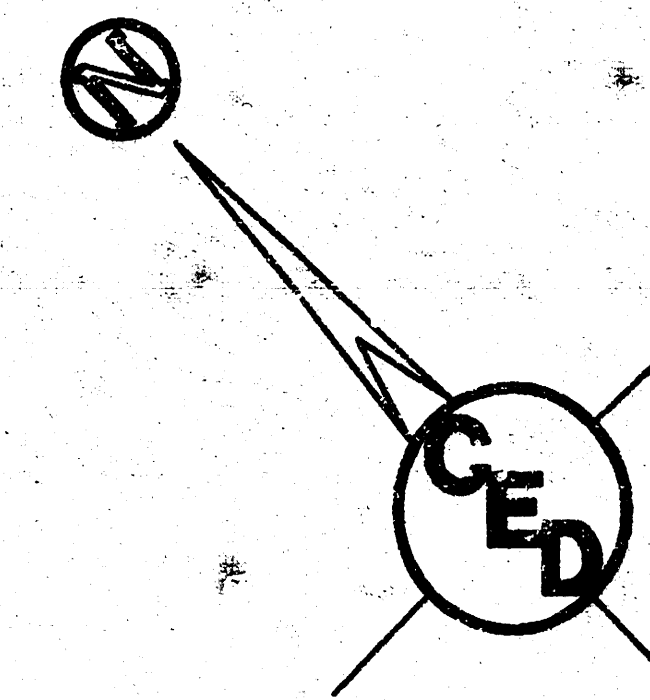
AS-BUILT
Date: 11/4/01
Signed: Mike Lindebak



HORIZONTAL CONTROL TABLE		
CP #1	N-8496.42 E-3792.80	Found #5 Bar MKEC, SW Side of Lot 10, Block 2, Mediterranean Plaza.
CP #2	N-8482.11 E-3920.50	Found #4 Bar MKEC, SW Corner of Lot 10, Block 2, Mediterranean Plaza.
CP #3	N-8926.52 E-4022.36	Found #4 Bar MKEC, East Corner of Lot 10, Block 2, Mediterranean Plaza.

C.O.W. PROJ. NO.: 1064 PPS(607861)	
CERTIFIED ENGINEERING DESIGN	
CED	810 WEST DOUGLAS, SUITE C WICHITA, KANSAS 67203 PH: (316) 262-8808 FAX: (316) 262-1669
SHEET 1	TOTAL 4

SWS SITE PLAN FOR FEIST CORPORATE OFFICE

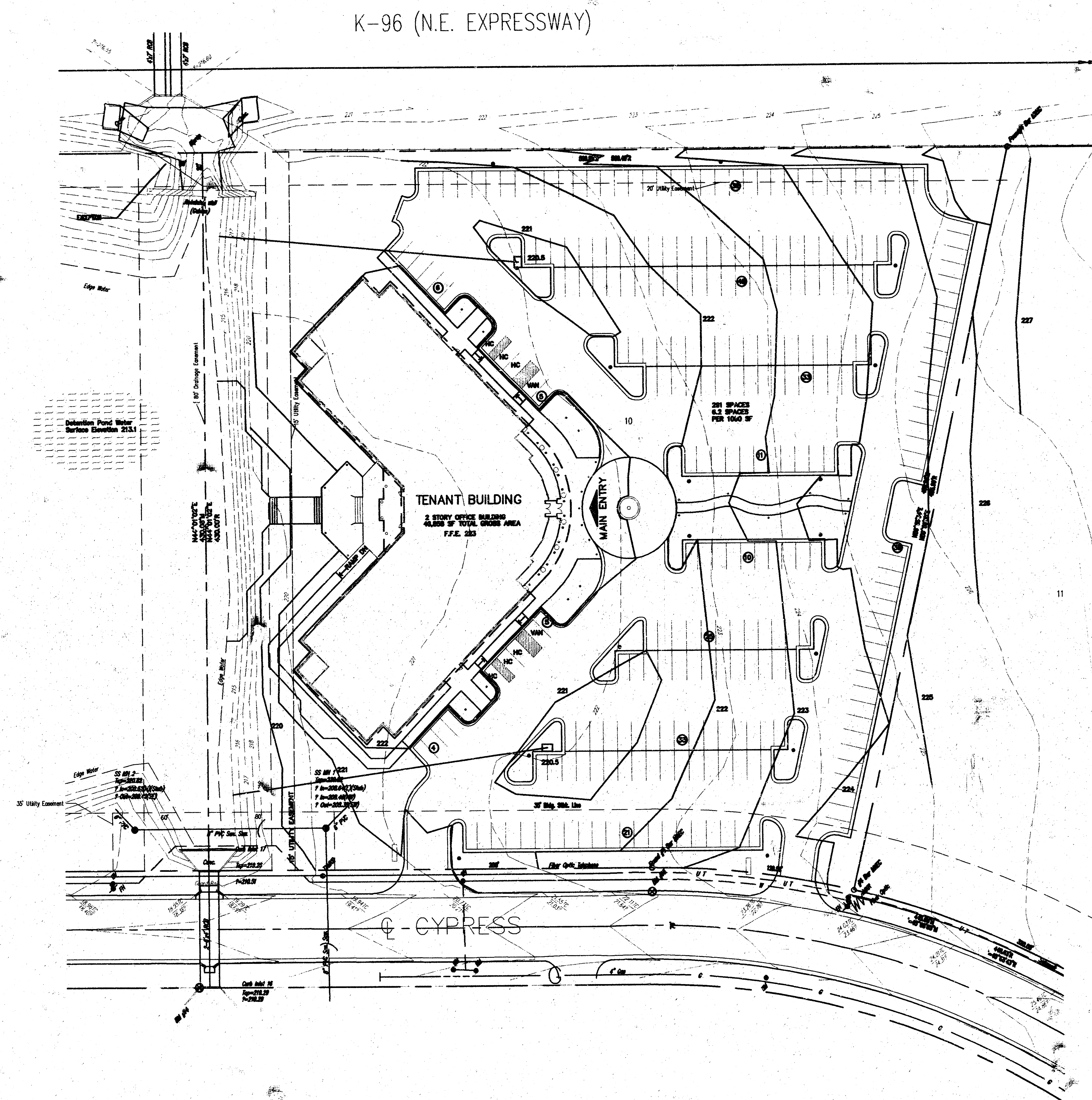


UTILITIES SHOWN REPRESENT THE BEST INFORMATION AVAILABLE FOR DESIGN. ADDITIONAL UTILITIES MAY BE PRESENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH, AND SIZE OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY THE FAILURE TO DO SO.

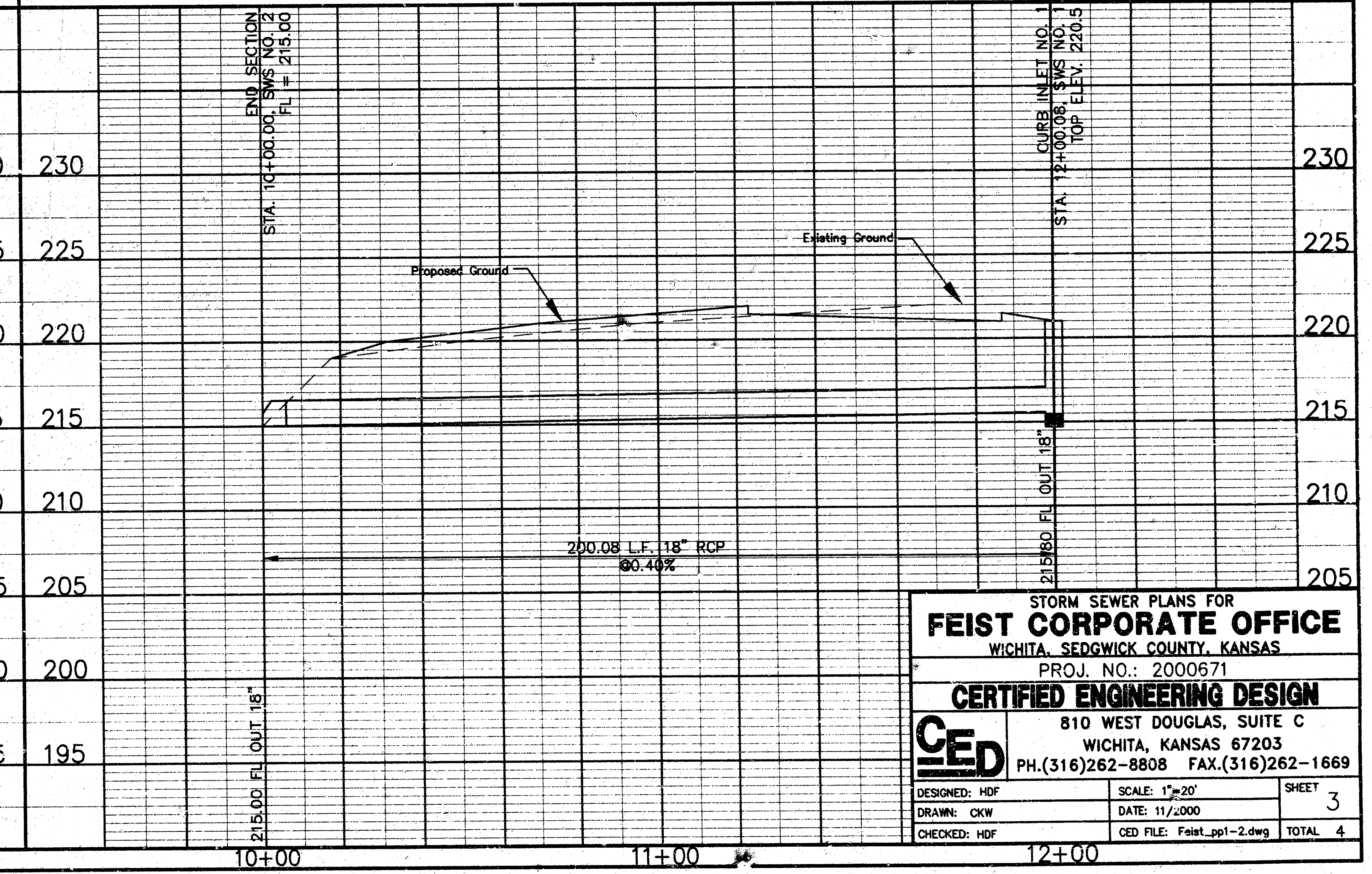
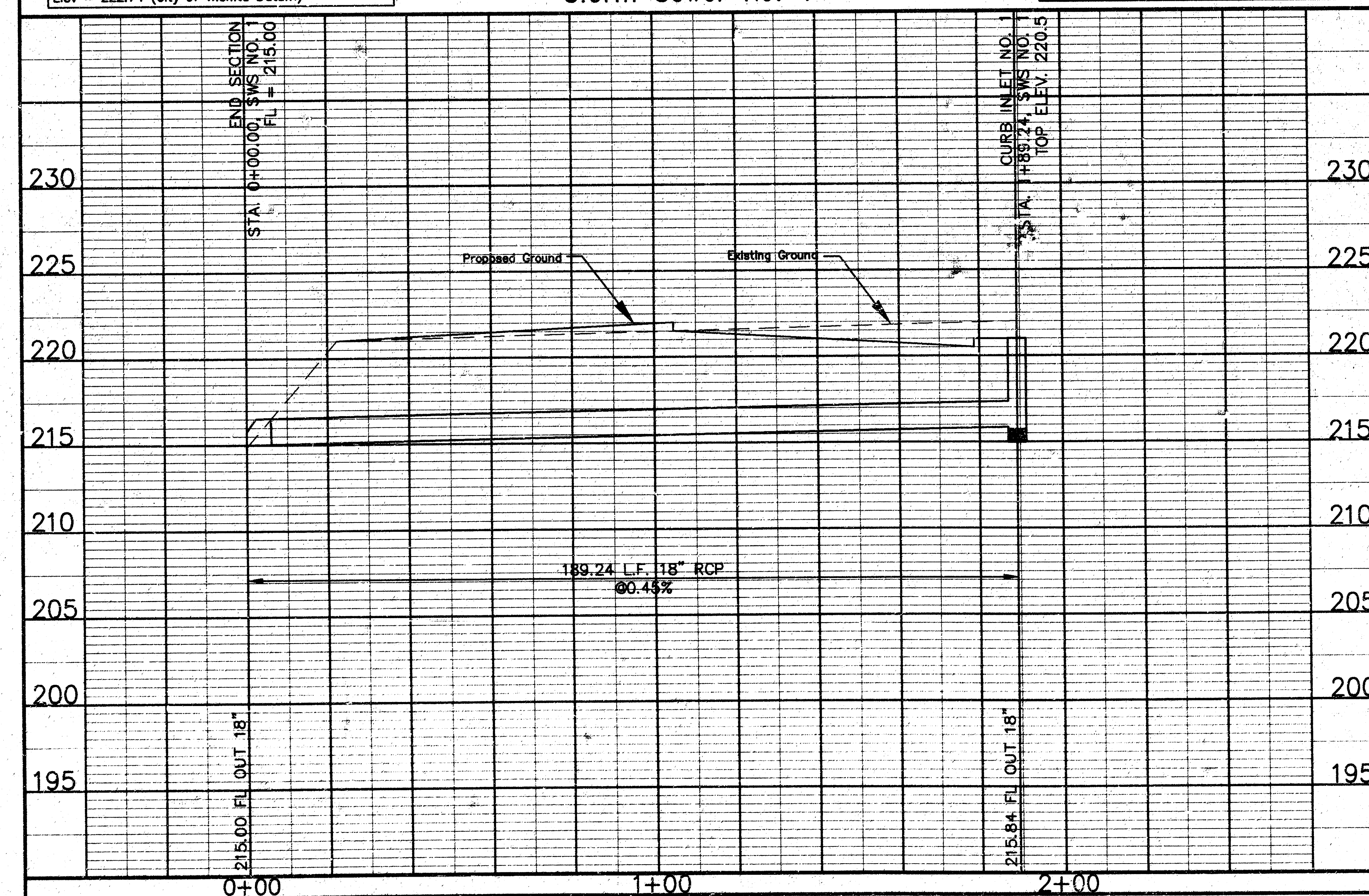
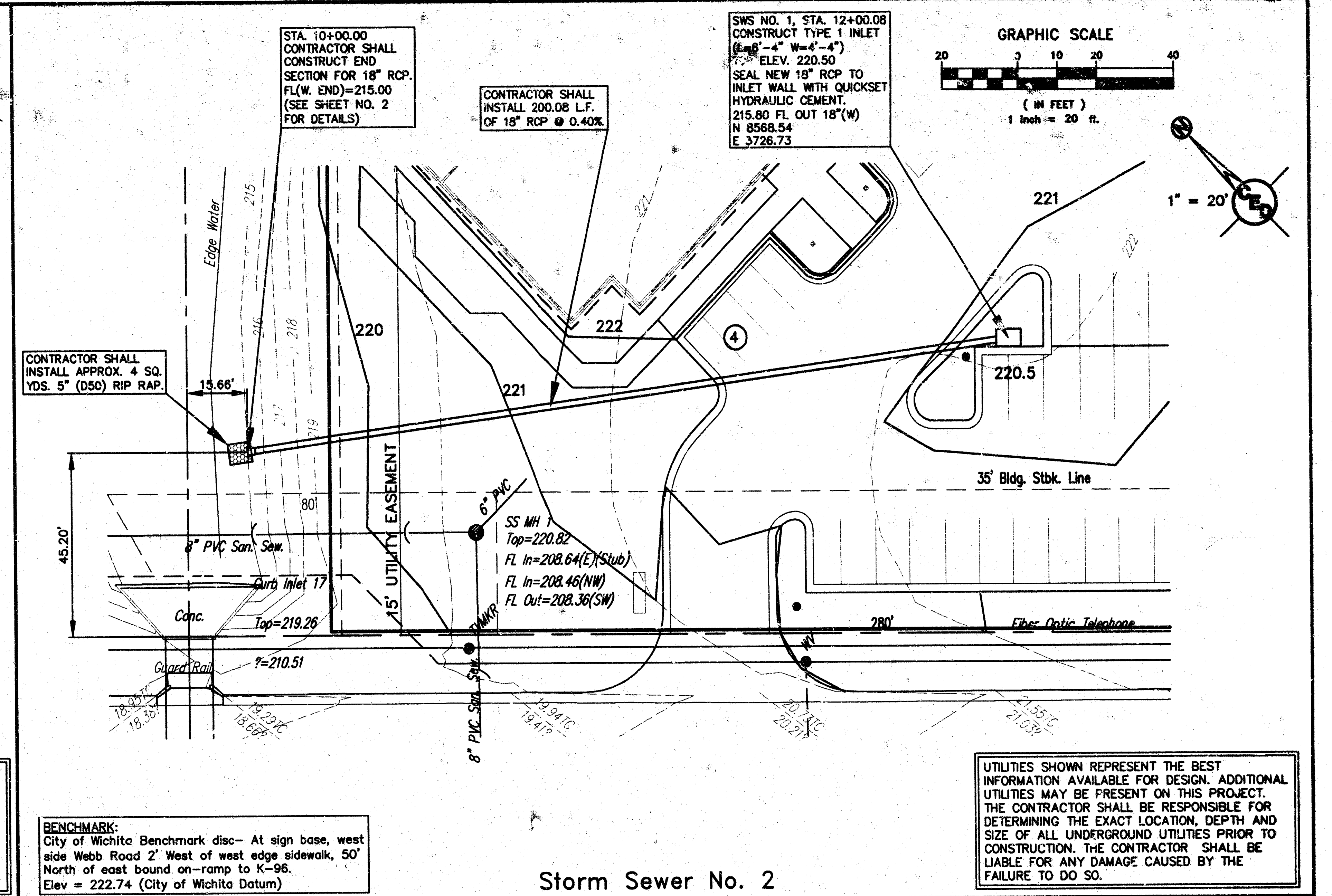
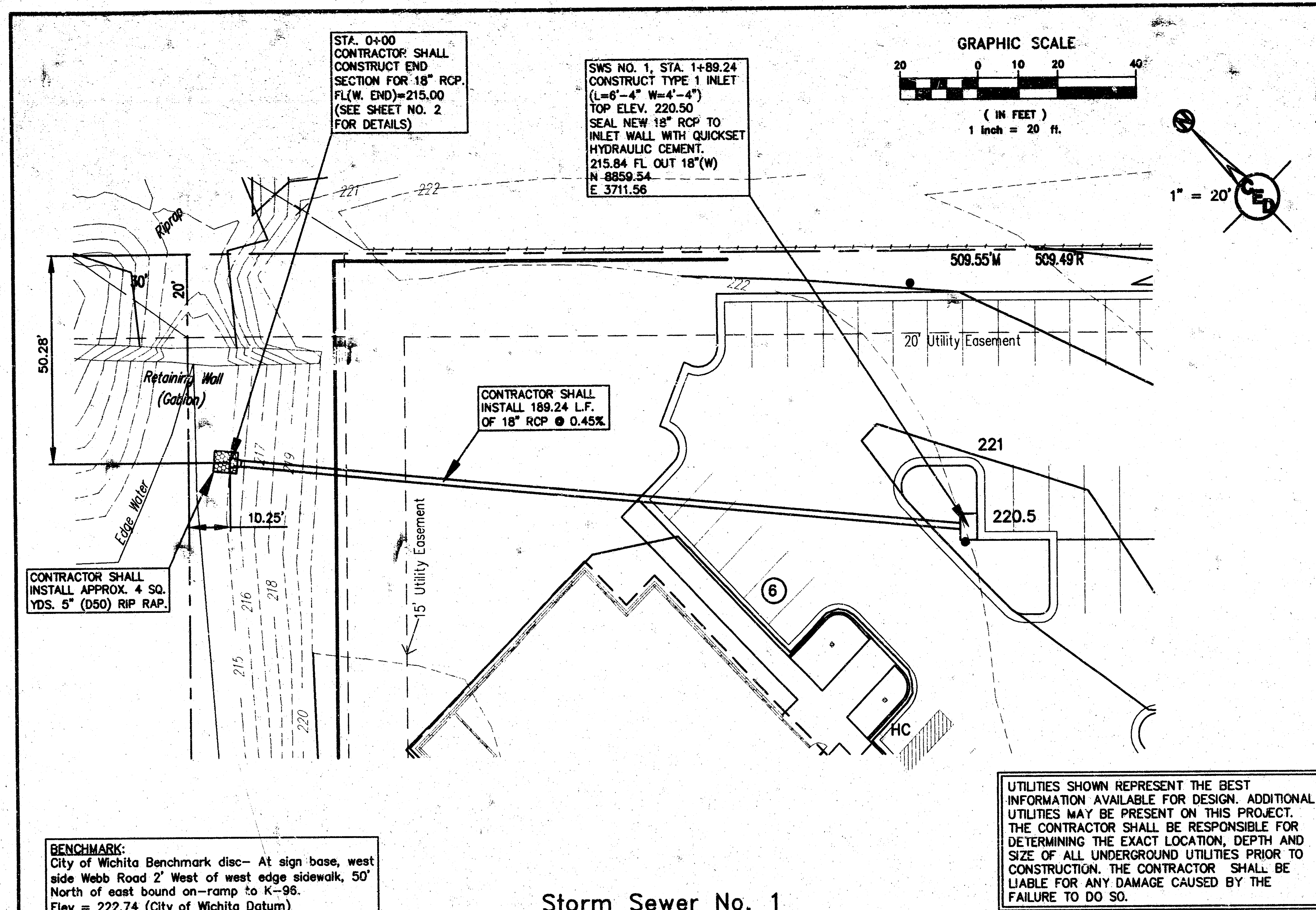
- Existing Contour Elevation
- Proposed Contour Elevation

HORIZONTAL CONTROL TABLE		
CP #1	N-8496.42 E-3792.80	Found #5 Bar MKEC, SW Side of Lot 10, Block 2, Mediterranean Plaza.
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BENCHMARK:
City of Wichita Benchmark disc- At sign base, west side Webb Road 2' West of west edge sidewalk, 50' North of east bound on-ramp to K-96.
Elev = 222.74 (City of Wichita Datum)



SWS SITE PLAN		
FEIST CORPORATE OFFICE		
WICHITA, KANSAS		
CED PROJ. NO.: 2000671		
CERTIFIED ENGINEERING DESIGN		
810 WEST DOUGLAS, SUITE C		
WICHITA, KANSAS 67203		
PH.(316)262-8808 FAX.(316)262-1669		
DESIGNED: HDF	SCALE: 1"=30'	SHEET
DRAWN: CKW	DATE: 11/2000	2
CHECKED: HDF	CED FILE: sws1.dwg	TOTAL 4



STORM SEWER PLANS FOR
FEIST CORPORATE OFFICE
WICHITA, SEDGWICK COUNTY, KANSAS
PROJ. NO.: 2000671
CERTIFIED ENGINEERING DESIGN
810 WEST DOUGLAS, SUITE C
WICHITA, KANSAS 67203
PH.(316)262-8808 FAX.(316)262-1669

DESIGNED: HDF
DRAWN: CKW
CHECKED: HDF

SCALE: 1"=20'
DATE: 11/2000
CED FILE: Feist_spl-2.dwg

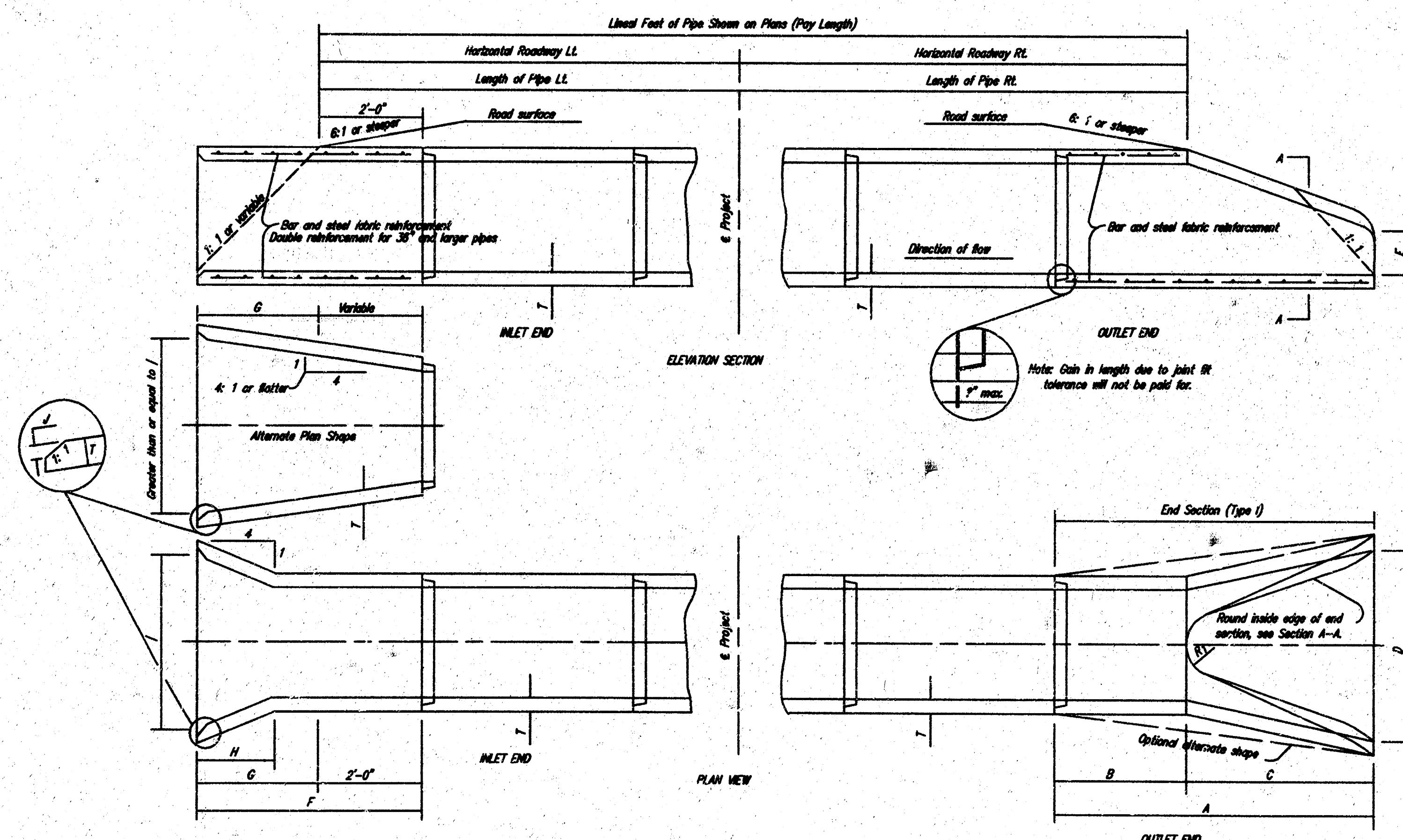
SHEET
3
TOTAL 4

Diagram illustrating the end elevation (Type I) of a dome structure, showing the diameter of the column and the shallow rounding of the inside edge of the end section.

Diagram illustrating the end elevation (Type II) of a dome structure, showing the diameter of the column and the shallow rounding of the inside edge of the end section.

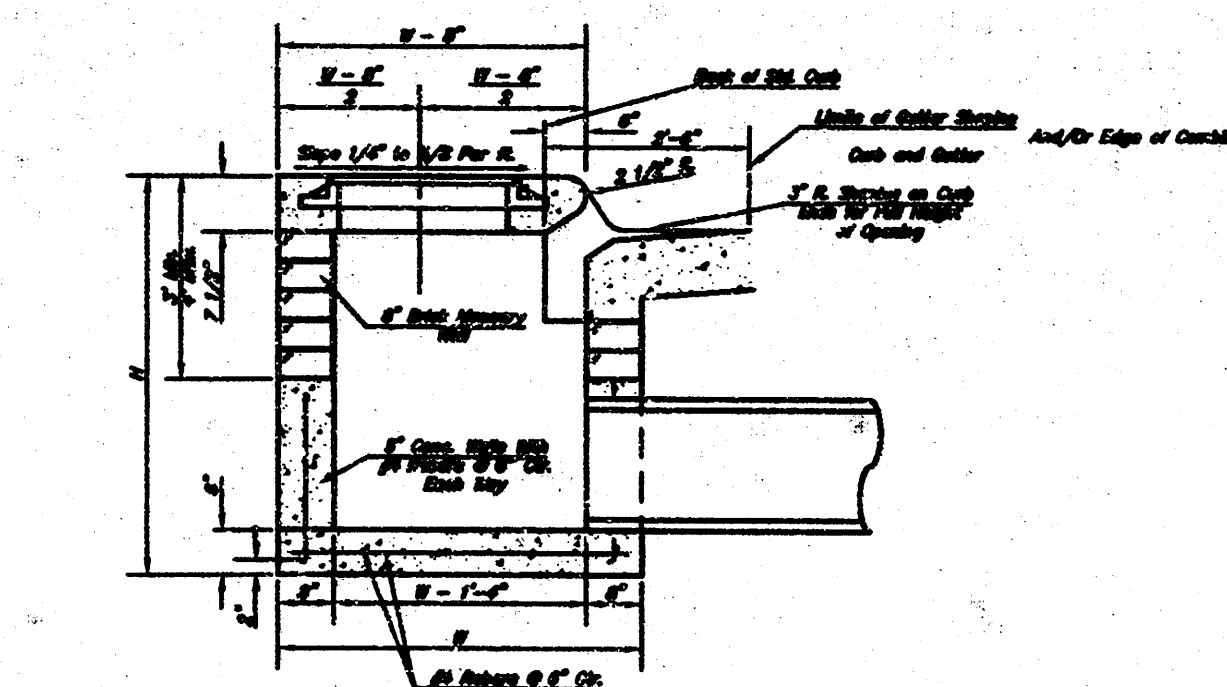
Dim.	1/2" AND SMALLER	F	G	H	I	J	K	R	T
24"	4.5	2-5"	2-3"	1-3/4"	2-4"	1/8"	0"	1-5/8"	3/4"
30"	7.0	4-3/4"	2-3/4"	1-3/4"	2-4"	2"	1/8"	1-5/8"	3/4"
36"	10.1	5-4"	3-4"	2-3/4"	2-4"	2"	1-1/8"	1-5/8"	1"
42"	13.7	5-10/8"	3-10/8"	2-3/4"	2-4"	2 1/2"	1-1/2"	1-5/8"	1 1/4"
48"	17.9	6-1/2"	3-1/2"	2-3/4"	2-4"	3"	1-1/2"	2-5/8"	1 1/2"
54"	22.7	6-11/8"	4-1/8"	2-3/4"	2-4"	3 1/2"	1-1/2"	2-5/8"	1 3/4"
60"	28.0	7-1/2"	3-5/8"	2-3/4"	2-4"	4"	1-1/2"	2-5/8"	2"
72"	40.3	8-7/8"	3-5/8"	2-3/4"	2-4"	5"	2-1/2"	3-5/8"	2 1/2"
84"	54.8	9-7/8"	3-5/8"	2-3/4"	2-4"	6"	2-1/2"	3-5/8"	3"

Dimensions for alternate shapes shall be equal to or greater than those shown in the table, unless otherwise shown.

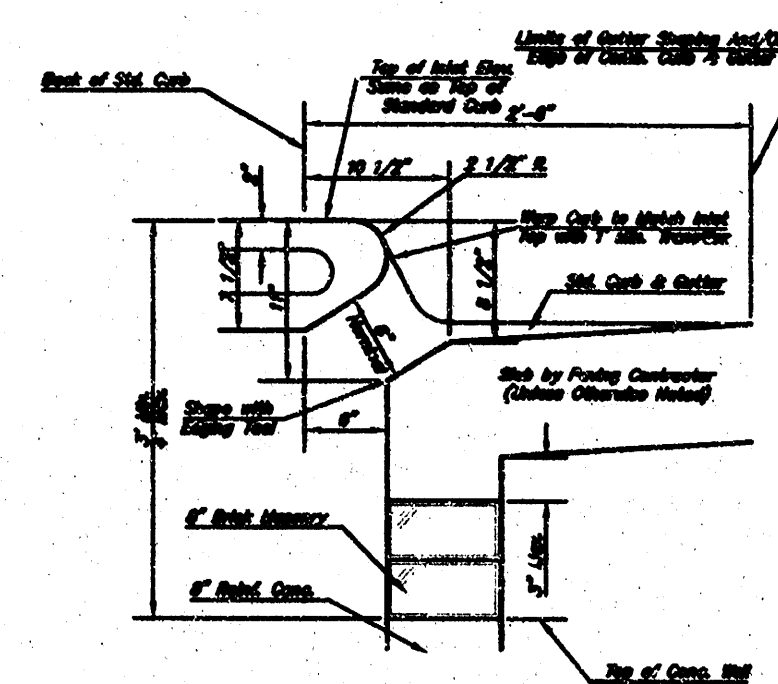


Note: The culverts listed on this sheet may or may not indicate that the culvert installed will be reinforced concrete, steel, or aluminum.

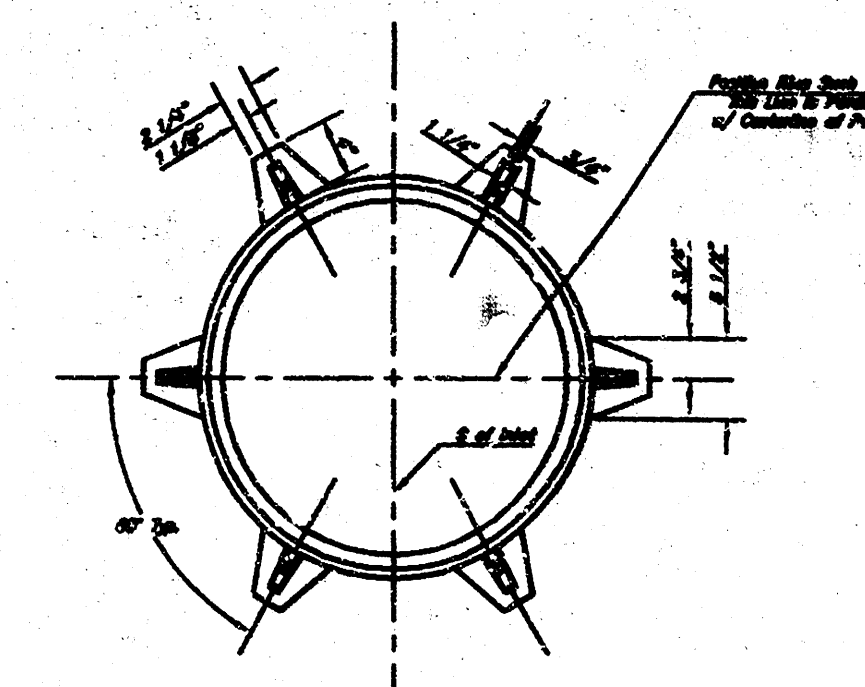
No.	DATE	REVISIONS	BY	APP'D	
KANSAS DEPARTMENT OF TRANSPORTATION					
CONCRETE END SECTIONS					
FOR CONCRETE PIPES					
TYPE I & SIDE TAPERED					
INLET SECTION (TYPE III)					
RD662					
FHWA APPROVAL	1-6-92	APPROVED	James O. Browner	BONSENER	
DESIGNED	DETAIL	QUANTITIES	TRACED	QUANTITY	
DESIGN OK	TRAILED	QUANTITY	TRACE OK	SITE	



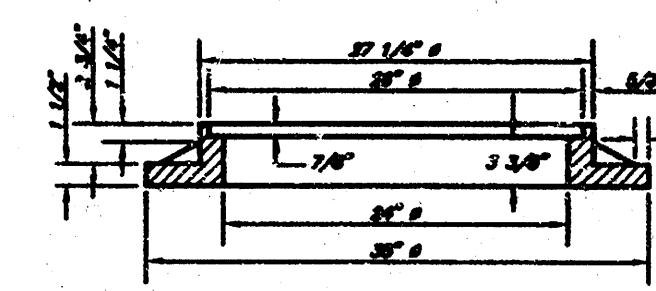
SECTION A-A



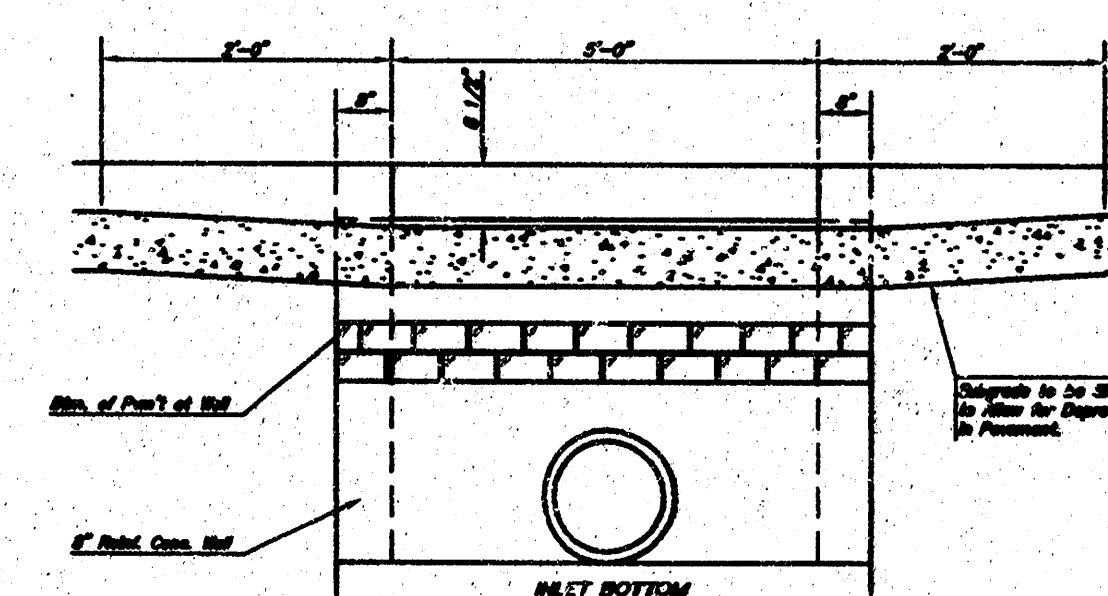
SECTION B-B



MANHOLE RING AND COVER



BENDING DIAGRAM



SECTION C-C

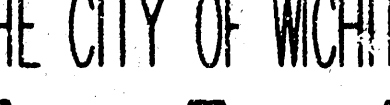
BAR	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
NUMBER	4	2	1	3	5	7	9	8	1	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

Notes: 1. Due to the Placed Approx. 5" Below Top of Joint On

GENERAL NOTES

1. Concrete tape to be "welder" on this member within 4 hours full support along brick walls. Concrete tape may be cast in place or precast. Concrete used for joint construction shall be concrete 27,000 psi min.
2. Contractor shall have the option of constructing 8" joint canopy walls between the concrete slab base and tape on both ends (0'-0" to 4'-0" and 4'-0" to 7'-0" or less).
3. Joint invert shall be shaped with 8 inch oak and oak composite to create a 12 inch deep channel to ensure hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipes.
4. The ends of all pipes installed in inlets shall be cut off flush with the bottom face of the inlet wall.

Revised - Dec. 21, 1984

THE CITY OF WICHITA  CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 456 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 268-4801 (316) 268-4114 FAX	Revised - Dec. 21, 1994	
	STANDARD TYPE 1 CURB INLET DETAILS	
	INLET OPENING=6"x10'-0"	
	M. E. UNDERKAP P.E. - CITY ENGINEER	
PROJECT NUMBER 000000		INDEX CODE
DATE NOV 00	SHEET 4 OF 4	

02 03 02 41