PLANS FOR

STORM WATER SEWER IMPROVEMENTS

FOR

LOT 1, BLOCK 1
KANSAS SURGERY AND RECOVERY CENTER ADDITION
WICHITA, KANSAS

CITY OF WICHITA PRIVATE PROJECT NO. 447PPS (607861)

As Constructed Drawings
S.E. Anderson, PE/LS
Whitewater, Ks.
July, 1996

STEVEN E. ANDERSON LICENSED 9258 July 25 KANSAS PROFESSIONAL ENGINEER

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SP4.5a	PROFILE
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SP4.6	SMS SCHEDULE AND TYPE 1 AREA INLET

FEBRUARY, 1994

BOOKED D-244 MG

PLANS PREPARED BY
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

MICHAEL W. BERRY LICENSED 10866 LICENSED PROFESSIONAL ENGINEER 2-1-94

RECORD DRAWING

MAY 31 1995

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

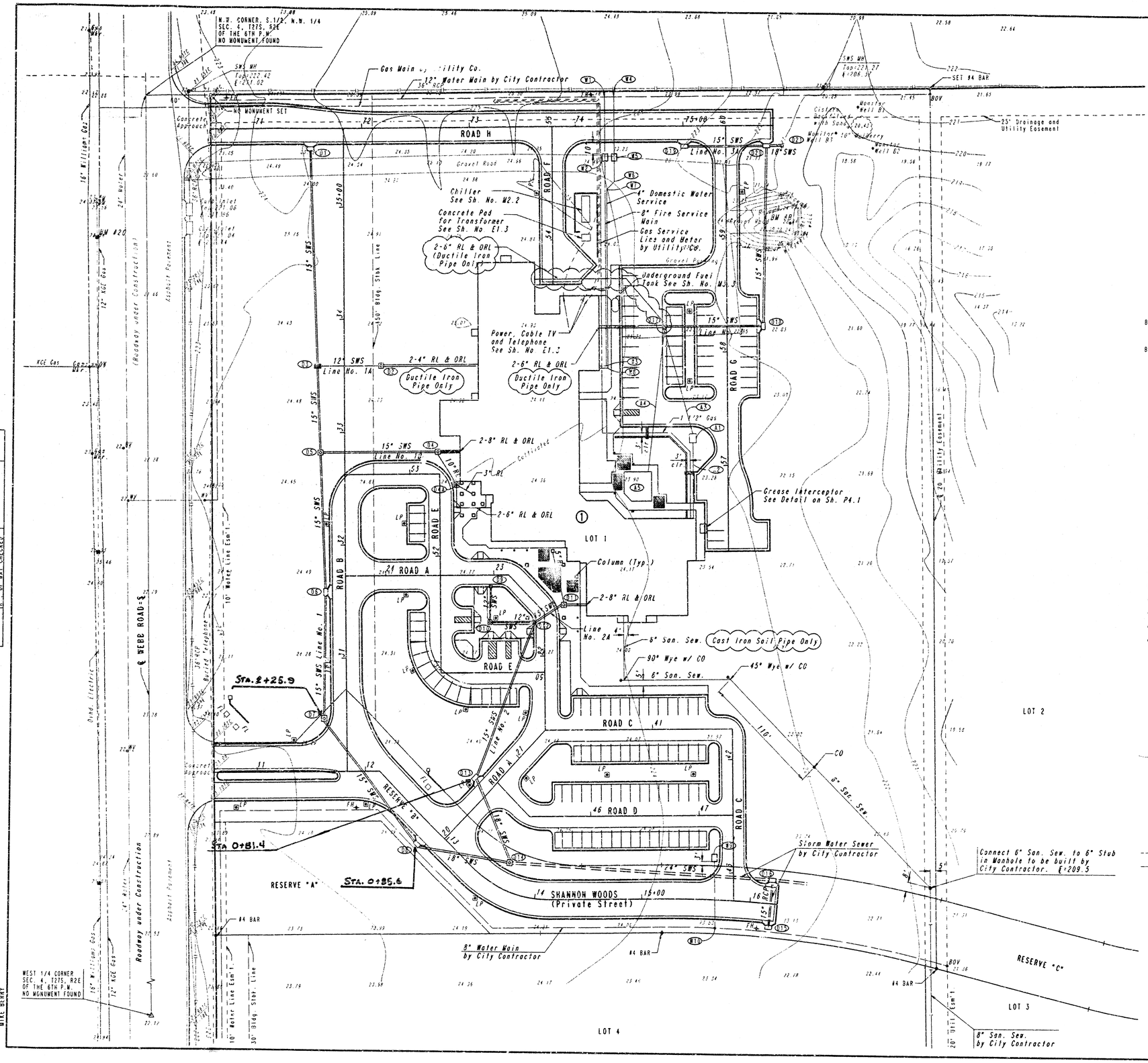
SANITARY SEWERS _____
STORM SEWERS VRH 3/4/94
DRIVEWAY APPROACHES _____
WATER MAINS _____
PAVING _____

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 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.

DRAWING NAME: 16-93621-2 KS TITLE
LEVEL: 0 COLOR: 1 WIDE
CENTER: 0.000,0.000 SCALE:
ROTATION ANGLE:
DATE LAST WORKED ON:
MIKE BERRY

SHEET NO.	TOTAL SHEETS
SP1.2	



SCALE: 1"=40'

B.M. #20 - RR SPIKE IN HLP JUST EAST OF SHANNON WOOD STREET ON WEST SIDE OF WEBB RDAD.
ELEV.=224.39 CITY DATUM

B.M. #B - TOP #4 BAR, TOP CENTER MOUND NEAR NORTHEAST CORNER LOT 1, BLOCK 1.
ELEV.=226.84 CITY DATUM

NOTES

(W1) CONNECT TO 8" VALVE INSTALLED BY CITY CONTRACTOR

(W2) DOUBLE DETECTOR CHECK VALVE ASSEMBLY, POST INDICATOR VALVE, AND POST MOUNTED SIAMESE FIRE DEPT. CONNECTION IN VAULT. SEE DETAILS SH. NO. SP1.3

(W3) 8-INCH 90° BEND WITH REACTION BACKING PER C.O.W. SPEC. NO. 14533

(W4) CONNECT TO 4" VALVE INSTALLED BY CITY CONTRACTOR

(W5) 2-INCH METER IN VAULT. SEE DETAILS SH. NO. SP1.3

(W6) 4-INCH 45° BEND WITH REACTION BACKING PER C.O.W. SPEC. NO. 14533

(W7) 4-INCH 45° BEND WITH REACTION BACKING PER C.O.W. SPEC. NO. 14533

(W8) 4-INCH 90° BEND WITH REACTION BACKING PER C.O.W. SPEC. NO. 14533

(W9) 2-INCH METER IN VAULT. SEE DETAILS SH. NO. SP1.3

(W10) WATER TAP BY CITY

(A1) ALTERNATE NO. 2 - FOUNTAIN PUMP PIT BY PUMP MFG.

(A2) ALTERNATE NO. 2 - 1-INCH WATER SERVICE TO FOUNTAIN PUMP PIT

(A3) ALTERNATE NO. 2 - 1 1/2-INCH DRAIN LINE FROM PUMP PIT

(A4) ALTERNATE NO. 2 - 3-INCH DRAIN LINE FROM FOUNTAIN POOL

(A5) ALTERNATE NO. 2 - FOUNTAIN BY FOUNTAIN MFG.

LEGEND

- ○ NO MONUMENT SET
- ● MONUMENT SET
- • LIGHT BALLARD
- LP LIGHT POLE (SEE SH. NO. E1.3)
- FL FLOODLIGHT (SEE SH. NO. E1.3)
- 217.92 EXISTING GROUND ELEVATION (ADD 200 FOR CITY DATUM)
- 223 EXISTING CONTOUR (CITY DATUM)
- RL RAIN LEADER
- ORL OVERFLOW RAIN LEADER
- SWS STORM WATER SEWER
- CO CLEAN OUT (SEE SH. NO. P3.1)
- (DS6) DRAINAGE STRUCTURE (SEE SCHEDULE SH. NO. SP4.6)
- (W8) WATER LINE STRUCTURE/FITTING (SEE NOTES ABOVE)
- UTILITY LINE BY OTHERS (CITY CONTRACT OR UTILITY COMPANY)
- UTILITY LINE UNDER THIS CONTRACT

SEE SH. NO. SP4.5 FOR STORM WATER SEWER PROFILES

SEE SH. NO. SP5.1 FOR IRRIGATION PLAN

MAY 31 1995 **RECORD DRAWING**

SURGERY AND RECOVERY CENTER
KANSAS SURGERY AND RECOVERY CENTER, L.P.

UTILITY PLAN

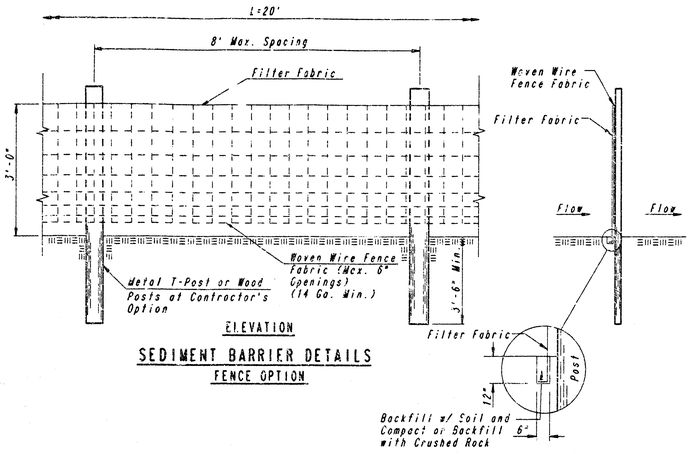
29TH AND WEBB ROAD
WICHITA, KANSAS

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	MWB	Checked by	
Drawn by	DEP	Date FEB., 1994	Job No. 93627-1

PLAN	SURVEYED
NOTE BOOK	PLOTTED
NO.	ALIGNMENT CHECKED
	B. OF WAY CHECKED

DRAWING NAME: 36-93627-2 UTILITY 24x36
LOCATION: D4 #114
CENTER COORDINATES:
GRID: NAD 27 METERS
DATE LAST WORKED ON:
MIKE BERRY



ELEVATION

SEDIMENT BARRIER DETAILS
FENCE OPTION

ANCHOR TRENCH DETAIL

GENERAL NOTES

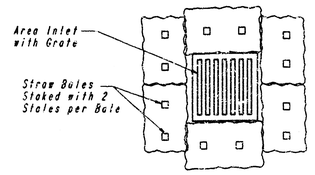
1. TEMPORARY FIRE LANE TO BE PROVIDED IN ACCORDANCE WITH FIRE DEPARTMENT REQUIREMENTS AT ALL TIMES. SURFACE TO BE MINIMUM 4" CRUSHED ROCK (KDOT AB-3) OR APPROVED EQUAL. MAINTAIN FIRE LANE SURFACE THROUGHOUT PROJECT CONSTRUCTION TIME.
2. TOPSOIL STRIPPED ON SITE TO BE UTILIZED IN LANDSCAPING. EXCESS TOPSOIL, IF ANY, TO BE STOCKPILED ON A SITE TO BE APPROVED BY THE OWNER ON LOT 2, BLOCK 1, KANSAS SURGERY AND RECOVERY CENTER ADDITION.
3. EXCESS EXCAVATED MATERIAL TO BE STOCKPILED ON A SITE TO BE APPROVED BY THE OWNER ON LOT 2, BLOCK 1, KANSAS SURGERY AND RECOVERY CENTER ADDITION.
4. SEDIMENT BARRIERS SHALL BE INSTALLED 'OCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
5. SEDIMENT BARRIERS SHALL BE ERECTED PRIOR TO THE COMMENCEMENT OF EARTHWORK OPERATIONS IN A GIVEN BASIN. REMOVAL AND DISPOSAL OF ACCUMULATED SILT AND DEBRIS AND/OR REMOVAL AND RECONSTRUCTION OF SEDIMENT BARRIERS WILL BE PERFORMED THROUGHOUT THE PROJECT LIFE WHEN DEBRIS REACHES ONE THIRD THE FENCE HEIGHT OR AS DEEMED NECESSARY BY THE ENGINEER. SEDIMENT BARRIERS AND ACCUMULATED DEBRIS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AFTER TURF COVER HAS BEEN ESTABLISHED, UNLESS OTHER ARRANGEMENTS HAVE BEEN AGREED TO.
6. FILTER FABRIC FOR FENCE OPTION SEDIMENT BARRIERS SHALL BE RESISTANT TO ULTRAVIOLET LIGHT. MATERIALS MAY BE SUPPLIED BY THE FOLLOWING MANUFACTURERS:

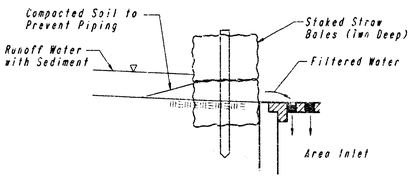
MIRAFI, INC.	-	100X
HOECHST FIBERS INDUSTRIES	-	TREVIRA 1115
EXXON	-	TYPAR 3301 W

MATERIALS SUPPLIED BY THE ABOVE NAMED MANUFACTURERS SHALL BE ACCEPTED UPON VISUAL INSPECTION BY THE ENGINEER. OTHER COMPARABLE MATERIALS MAY BE USED IF APPROVED BY THE ENGINEER.

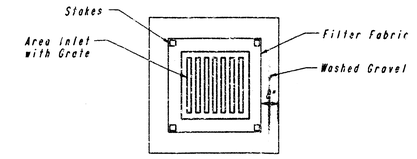
FILTER FABRIC SHALL BE ATTACHED TO FENCE FABRIC BY MEANS OF TIE WIRES OR HOG RINGS PRIOR TO ATTACHMENT OF FENCE/FABRIC COMBINATION ONTO THE POSTS.

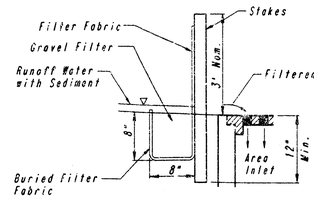
7. BALES USED MAY BE EITHER HAY OR STRAW, PROVIDED THEY ARE SOUND AND INTACT.
8. INLET PROTECTION METHOD MAY BE ANY OF THE APPLICABLE TYPES SHOWN, AT THE CONTRACTORS OPTION.
9. GRAVEL FILTER SHALL BE A DURABLE, WELL-GRADED SAND-GRAVEL OR CRUSHED STONE, WAXIMUM 1-1/2 IN. SIZE. AS AN ALTERNATE GRAVEL FILLED BAGS OF BURLAP OR OTHER FABRIC MAY BE USED. WHERE BAGS ARE USED, THE WIRE SCREEN, WHERE SKOWN, MAY BE OMITTED.
10. INLET PROTECTION SHALL BE ERECTED AS SOON AS THE STRUCTURE HAS BEEN BACKFILLED. MEASURES SHALL BE TAKEN TO PRECLUDE ENTRY OF SEDIMENT INTO THE STORM WATER SEWER SYSTEM DURING CONSTRUCTION OF THE STRUCTURE.
11. REMOVAL AND DISPOSAL OF ACCUMULATED SILT AND DEBRIS AND/OR REMOVAL AND RECONSTRUCTION OF INLET PROTECTION INSTALLATIONS SHALL BE PERFORMED THROUGHOUT THE PROJECT LIFE WHENEVER DEBRIS REACHES ONE-THIRD THE BARRIER HEIGHT, OR AS DEEMED NECESSARY BY THE ENGINEER. ULTIMATE REMOVAL AND DISPOSAL OF INLET PROTECTION AND DEBRIS WILL BE PERFORMED AFTER SEEDING IS ESTABLISHED, UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE.



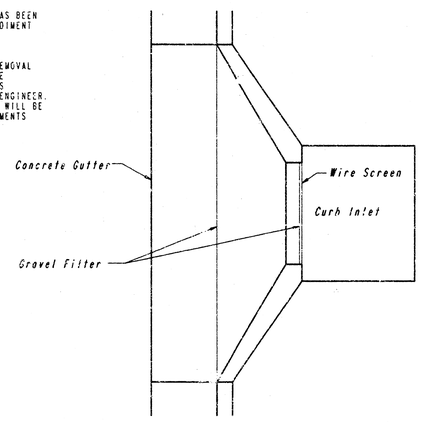


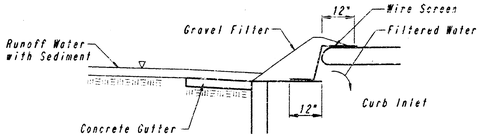
AREA INLET PROTECTION
STRAW BALES



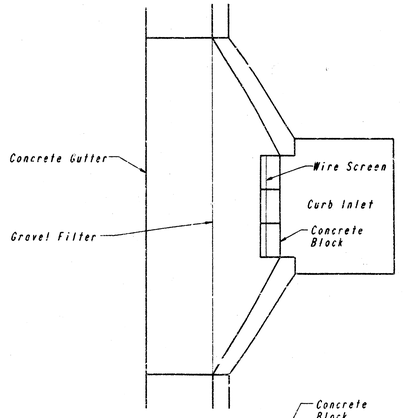


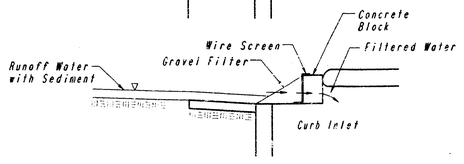
AREA INLET PROTECTION
FILTER FABRIC



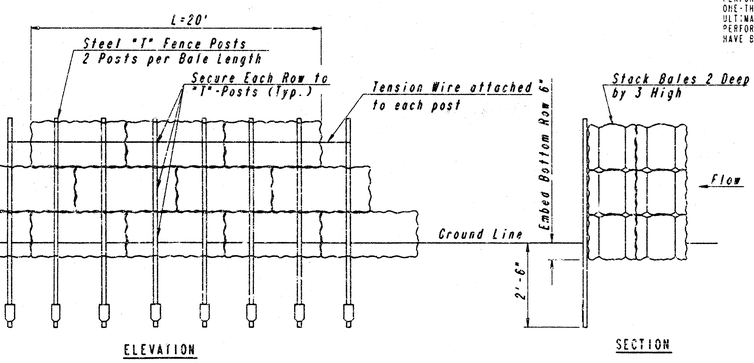


CURB INLET PROTECTION
GRAVEL AND WIRE MESH FILTER





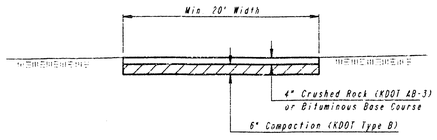
CURB INLET PROTECTION
BLOCK AND GRAVEL FILTER



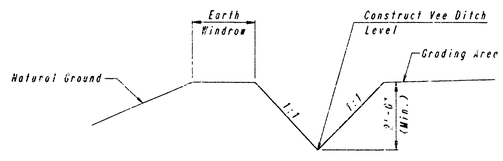
ELEVATION

SECTION

SEDIMENT BARRIER DETAILS
HAY/STRAW BALE OPTION



TEMPORARY FIRE LANE



TEMPORARY INTERCEPT DITCH DETAIL

WHERE TEMPORARY EROSION CONTROL INTERCEPT DITCHES ARE USED, ALL AREAS WHERE FLOW IS CONCENTRATED SHALL BE PROTECTED BY SEDIMENT BARRIERS PRIOR TO DISCHARGING INTO ANY DITCH, STORM SEWER, OR WATERCOURSE.

EROSION CONTROL DETAILS ADAPTED FROM: VIRGINIA SOIL AND WATER CONSERVATION COMMISSION, 1985 AND DRAINAGE CRITERIA MANUAL, DENVER URBAN DRAINAGE AND FLOOD CONTROL DISTRICT 9 1 92.

RECORD DRAWING MAY 31 1995

SURGERY AND RECOVERY CENTER
KANSAS SURGERY AND RECOVERY CENTER, L.P.

GRADING AND EROSION CONTROL DETAILS

29TH AND WEBB ROAD
WICHITA, KANSAS

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	MNB	Checked by	
Drawn by	DEP	Date FEB., 1994	Job No. 93627-1

PLAN NOTE BOOK NO.

DATE	BY	SURVEYED	PLOTTED	ALIGNMENT CHECKED	INT. OF MAT CHECKED

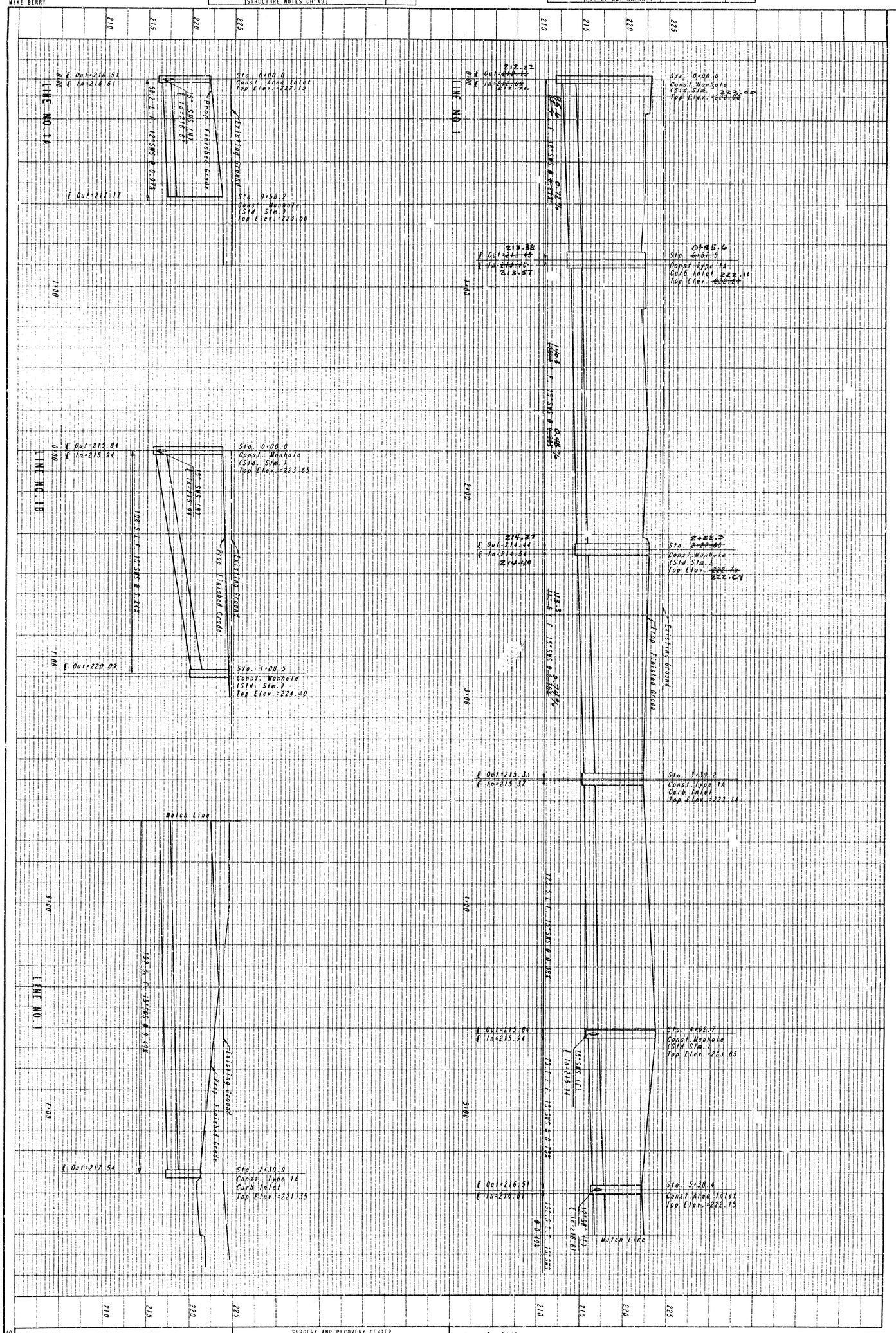
DRAWING NAME: 36-93627-2 SED BAR 24x36
LOCATION: dd #124
LOCATION COORDINATES:
ROTATION ANGLE:
DATE LAST WORKED ON:
MIKE BERRY

DRAWING NAME: 36-93627-2 PROFILE A 24
LOCATION: 04 #159
CENTER COORDINATES:
ROTATION ANGLE:
DATE LAST WORKED ON:

MIKE BERRY

PROFILE		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	GRADES CHECKED/KED		
	R.W.s NOTED		
	STRUCTURE NOTES CH'KD		

PLAN		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
	R.I. OF WAY CHECKED		



PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed By MWB	Job No. 36-93627-1
Drawn By JGP	Date FEB., 1994

SURGERY AND RECOVERY CENTER
KANSAS SURGERY AND RECOVERY CENTER, L.P.

LINE NO. 1, 1A AND 18

29TH AND WEBB ROAD
WICHITA, KANSAS

MAY 31 1995
RECORD DRAWING

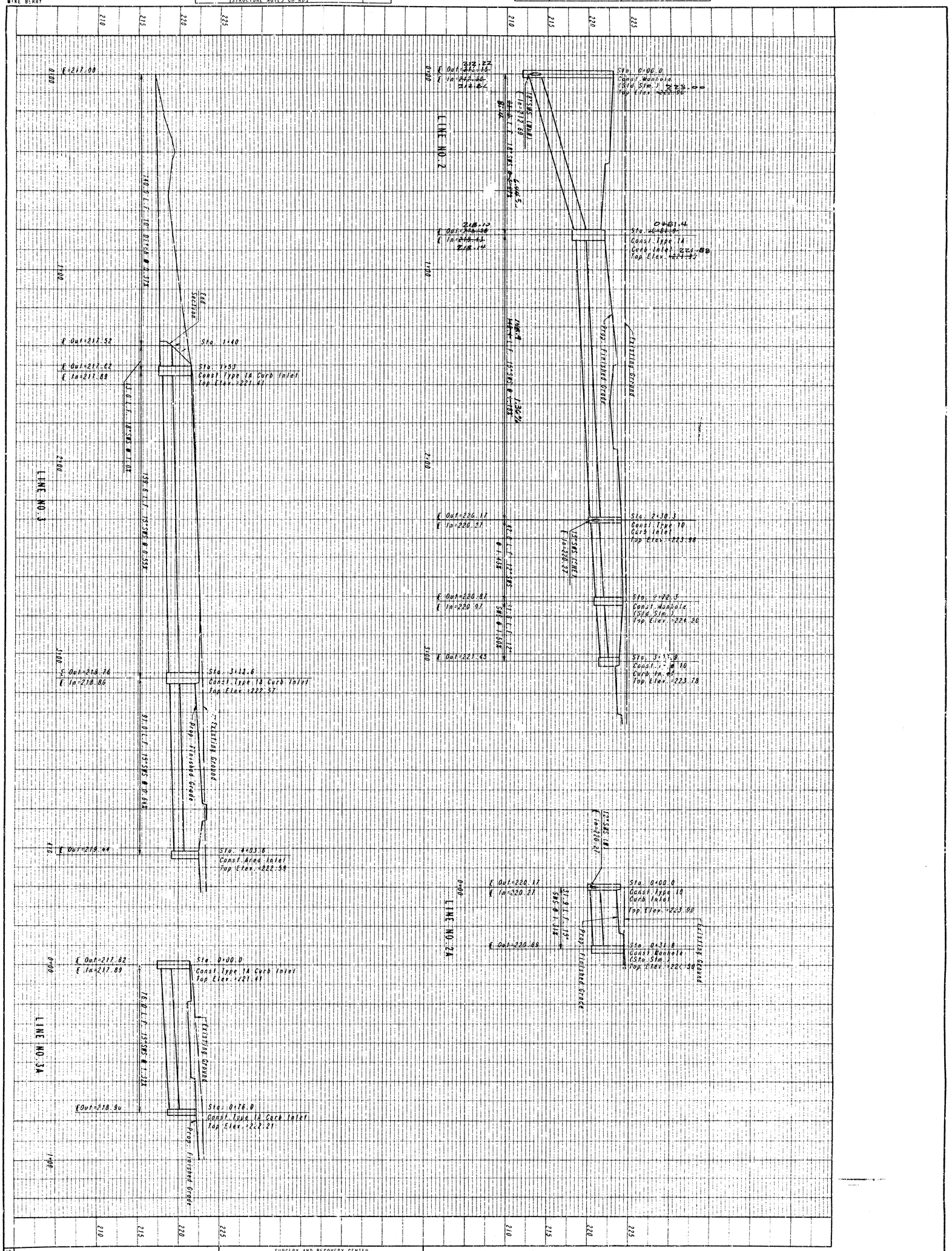
Sheet 5 of 5

DRAWING NAME: 36-93627-2 PROFILE B 24
LOCATION: D4 #173
CENTER COORDINATES:
ROTATION ANGLE:
DATE LAST WORKED ON:

MIKE BERRY

PROFILE		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	GRADES CHECKEDKED		
	B.M.s NOTED		
	STRUCTURE NOTES CH'KD		

PLAN		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		



PROFESSIONAL NGINEERING ONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed By MWB	Job No. 36-93627-1
Drawn By JGP	Date FEB., 1994

SURGERY AND RECOVERY CENTER
KANSAS SURGERY AND RECOVERY CENTER, L.P.

LINE NO. 2, 2A, 3 AND 3A

29TH AND WEBB ROAD
WICHITA, KANSAS

MAY 31 1995
RECORD DRAWING

Sheet SP4.5b

SHEET NO.	TOTAL SHEETS
SP4.6	

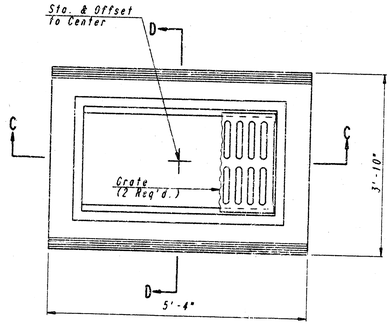
INLET & MANHOLE DATA

ROUTING SEQUENCE		LOCATIONS OF INSTALLATIONS			CONSTRUCT OR INSTALL									DIMENSIONS				ELEVATIONS		INFLOW CONDUITS						OUTFLOW CONDUITS		DETAILS
FROM	TO	STATION	ROUTE IDENTIFICATION	DIST. RT./LT.	INLET (TY.12) (CURB)	INLET (TY.10) (CURB)	INLET (TY.22) (CURB)	INLET (TY.1A) (CURB)	ANCA INLET	INLET (TY.21) (DITCH)	WH (STD. STM.)	END SECT.	INLET PROTECTION	SEDIMENT BARRIER	L (FT.)	W (FT.)	H (FT.)	HT. (FT.)	TOP	FLOOR	SIZE DIRECTION	FLOWLINE (ELEV.)	SIZE DIRECTION	FLOWLINE (ELEV.)	SIZE DIRECTION	FLOWLINE (ELEV.)	SIZE DIRECTION	FLOWLINE (ELEV.)	SHEET NO.
D1	D3	71+53.50	Road 'H'	17.67' Rt				1					1		6'-4"	4'-4"	4'-6"		225.35	217.35							15" (S)	217.54	SP1.4, SP4.1, SP4.4, SP4.5
D2	D3	33+58.30	Road 'B'	34.00' Rt.							1				4'-6"	4'-6"	6'-0"	1'-0"	223.50	217.00	(2) 4" (E)	217.27					12" (W)	217.17	SP1.4, SP4.3, SP4.4, SP4.5
D3	D5	33+58.30	Road 'B'	24.25' Lt.					1				1		5'-4"	3'-10"	6'-6"		222.15	216.32	15" (N)	216.61	12" (E)	216.61			15" (S)	216.51	SP1.4, SP4.4, SP4.5
D4	D5	32+82.00	Road 'B'	86.50' Rt.							1				4'-6"	4'-6"	4'-0"	1'-0"	224.40	219.90	(2) 8" (E)	220.19	12" (SE)	220.19			15" (W)	220.09	SP1.4, SP4.3, SP4.4, SP4.5
D4A	D4	52+60.00	Road 'E'	17.00' Rt.							1				4'-6"	4'-6"	3'-6"	1'-0"	224.65	220.85	12" (W)	221.5	(2) 6" (S)	221.33			10" (NW)	221.00	SP1.4, SP4.3, SP4.4, SP4.5
D5	D6	32+82.00	Road 'B'	22.00' Lt.							1				4'-6"	4'-6"	7'-6"	1'-0"	223.65	215.65	15" (N)	215.94	15" (E)	215.94			15" (S)	215.84	SP1.4, SP4.3, SP4.4, SP4.5
D6	D7	31+58.30	Road 'B'	17.67' Lt.				1					1		6'-4"	4'-4"	7'-6"		222.14	215.14	15" (W)	215.37					15" (S)	215.33	SP1.4, SP4.1, SP4.4, SP4.5
D7	D8	30+46.75	Road 'B'	20.50' Lt.							1				4'-6"	4'-6"	8'-0"	1'-0"	222.75	214.25	15" (N)	214.54					15" (SE)	214.44	SP1.4, SP4.3, SP4.4, SP4.5
D8	D14	12+83.64	Shannon Woods	21.17' Rt.																									
D9	D10	23+05.50	Road 'A'	8.00' Lt.		1							1		6'-4"	5'-4"	9'-8"		222.24	213.24	12" (NW)	213.7					18" (ESE)	213.45	SP1.4, SP4.1, SP4.4, SP4.5
D10	D12	22+30.23	Road 'A'	52.00' Lt.									1		3'-0"	3'-0"	3'-0"		223.78	221.28							12" (SSE)	221.45	SP1.4, SP4.2, SP4.5
D11	D12	22+45.00	Road 'A' (Ton Bk Ext. Add.)	18.00' Rt.							1				4'-6"	4'-6"	3'-0"	1'-0"	224.20	220.10	12" (NNW)	220.97					12" (E)	220.87	SP1.4, SP4.3, SP4.4, SP4.5
D12	D13	22+30.23	Road 'A'	8.00' Lt.		1					1				4'-6"	4'-6"	3'-6"	1'-0"	224.50	220.50	(2) 8" (E)	220.79	5" (W)	220.79			15" (WSW)	220.69	SP1.4, SP4.3, SP4.4, SP4.5
D13	D14	20+58.00	Road 'A'	17.67' Lt.			1						1		3'-0"	3'-0"	4'-6"		223.98	219.98	15" (ENE)	220.27	12" (W)	220.27			15" (SSW)	220.17	SP1.4, SP4.2, SP4.5
D14	D16	13+64.00	Shannon Woods	24.00' Lt.									1		6'-4"	4'-4"	4'-6"		221.95	217.95	15" (NNE)	218.43					18" (SSE)	218.16	SP1.4, SP4.1, SP4.4, SP4.5
D17	D18	58+22.50	Road 'G'	57.00' Lt.	(To be constructed under City Contract)				1				1		4'-6"	4'-6"	11'-6"		222.90	211.90	18" (WNW)	212.69	18" (NNW)	212.69					
D18	D20	58+22.50	Road 'G'	33.67' Rt.				1					1		5'-4"	3'-10"	4'-0"		222.58	219.25	(2) 6" (W)	220.00					15" (E)	219.44	SP1.4, SP4.4, SP4.5
D19	D20	75+01.16	Road 'H'	17.67' Rt.				1					1		6'-4"	4'-4"	4'-6"		222.57	218.57	15" (W)	218.86					15" (N)	218.76	SP1.4, SP4.1, SP4.4, SP4.5
D20	D21	75+77.16	Road 'H'	17.67' Rt.				1					1		6'-4"	4'-4"	4'-0"		222.21	218.71							15" (E)	218.90	SP1.4, SP4.1, SP4.4, SP4.5
D21		75+88.83	Road 'H'	17.67' Rt.								1		20 L.F.					221.41	217.41	15" (W)	217.89	15" (S)	217.89			18" (E)	217.62	SP1.4, SP4.1, SP4.4, SP4.5
																					18" (W)	217.52						
TOTALS						2		7	2		7	1	11	20 L.F.															

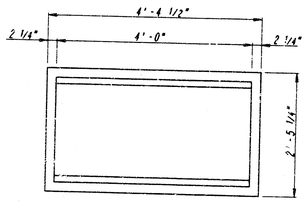
SEE PROFILE SHEETS

CONDUIT DATA

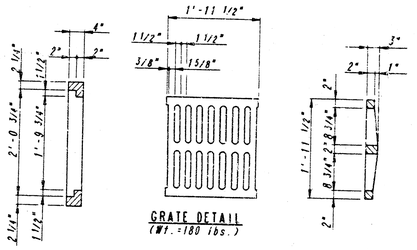
ROUTING SEQUENCE		LOCATIONS OF INSTALLATIONS			CONSTRUCT OR INSTALL		CONDUIT FLOW LINES		STORM SEWERS (LIN. FT.)			END SECTIONS (EACH)		
FROM	TO	STATION	ROUTE IDENTIFICATION	DIST. RT./LT.	SIZE	LENGTH (FEET)	INFLOW (ELEV.)	OUTFLOW (ELEV.)	12"	15"	18"	15"	18"	24"
D1	D3	71+53.50	Road 'H'	17.67' Rt	15"	191	217.54	216.61		191				
D2	D3	33+58.30	Road 'B'	34.00' Rt.	12"	58	217.17	216.61	58					
D3	D5	33+58.30	Road 'B'	24.25' Lt.	15"	76	216.51	215.94		76				
D4	D5	32+82.00	Road 'B'	86.50' Rt.	15"	108	220.09	215.94		108				
D4A	D4	52+60.00	Road 'E'	17.00' Rt.	10"	38	221.00	220.19						
D5	D6	32+82.00	Road 'B'	22.00' Lt.	15"	124	215.84	215.37		124				
D6	D7	31+58.30	Road 'B'	17.67' Lt.	15"	112	215.33	214.54		112				
D7	D8	30+46.75	Road 'B'	20.50' Lt.	15"	140	214.44	213.70		140				
D8	D14	12+83.64	Shannon Woods	21.17' Rt.	18"	87	213.45	212.69			87			
D9	D10	23+05.50	Road 'A'	8.00' Lt.	12"	32	221.45	220.97	32					
D10	D12	22+30.23	Road 'A'	52.00' Lt.	12"	42	220.87	220.27	42					
D11	D12	22+45.00	Road 'A' (Ton Bk Ext. Add.)	18.00' Rt.	15"	32	220.69	220.27		32				
D12	D13	22+30.23	Road 'A'	8.00' Lt.	15"	148	220.17	218.43		148				
D13	D14	20+58.00	Road 'A'	17.67' Lt.	18"	82	218.16	212.69			82			
D14	D16	13+64.00	Shannon Woods	24.00' Lt.										
D17	D18	58+22.50	Road 'G'	57.00' Lt.	15"	91	219.44	218.86		91				
D18	D20	58+22.50	Road 'G'	33.67' Rt.	15"	160	218.76	217.89		160				
D19	D20	75+01.16	Road 'H'	17.67' Rt.	15"	76	218.90	217.89		76				
D20	D21	75+77.16	Road 'H'	17.67' Rt.	18"	13	217.62	217.52			13		1	
D21		75+88.83	Road 'H'	17.67' Rt.										
TOTALS									132	1258	182		1	



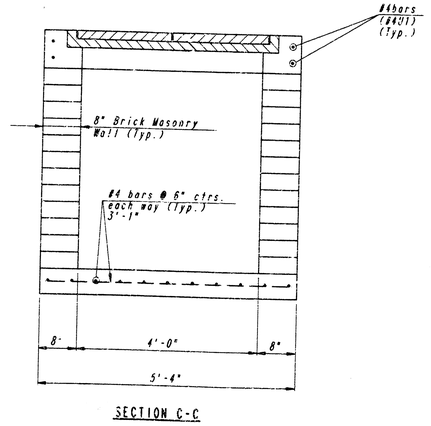
PLAN



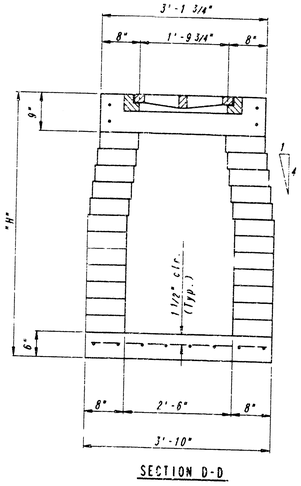
FRAME DETAIL
(Wt.=460 lbs.)



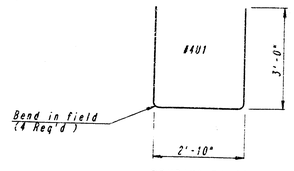
GRATE DETAIL
(Wt.=180 lbs.)



SECTION C-C



SECTION D-D



BENDING DIAGRAM

GENERAL NOTES

CONCRETE SHALL BE THE MIX USED IN CONCRETE PAVEMENT. ALL EXPOSED EDGES SHALL BE FINISHED WITH AN APPROVED EDGING TOOL

REINFORCING STEEL SHALL BE A MINIMUM GRADE 40, A.S.T.M. A615 ALL DIMENSIONS RELATIVE TO PLACEMENT OF REINFORCING ARE TO THE CENTERLINE OF BARS UNLESS OTHERWISE NOTED

INLET CASTINGS SHALL BE MANUFACTURED USING GOOD QUALITY GRAY IRON CONFORMING TO CLASS 30 OF A.S.T.M. DESIGNATION A-48. ALL DIMENSIONS AND WEIGHTS SHOWN ON THE DETAILED DRAWINGS SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE FINISHED CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTIONS OR OTHER EFFECTS.

INLET FLOOR SHALL BE SHAPED WITH UNREINFORCED CLASS A CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF-CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.

AREA INLET (TYPE I)

MAY 31 1995

RECORD DRAWING

SURGERY AND RECOVERY CENTER
KANSAS SURGERY AND RECOVERY CENTER, L.P.

STORM WATER SEWER SCHEDULE AND AREA INLET DETAILS

29TH AND WEBB ROAD
WICHITA, KANSAS

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	MWB	Checked by	
Drawn by	DEP	Date FEB., 1994	Job No. 93627-1

PLAN
SURVEYED
NOTE BOOK
PLOTTED
CHECKED
FIELD BOOK
QUANTITY CHECKED
PLOTTED FROM DGN. FILE
CENTER COORDINATES:
ROTATION ANGLE:
DATE LAST WORKED ON:
MIKE BERRY
DATE
BY