PRIVATE STORM WATER SEWER TO SERVE

SECURITY STORAGE ADDITION
LOT 1

Private Project Number

904 PPS (607861)

CITY OF WICHITA, KANSAS

Michael E. Lindebak, P.E. City Engineer

June, 1999

BOOKED 12-20-00 MCG D-492

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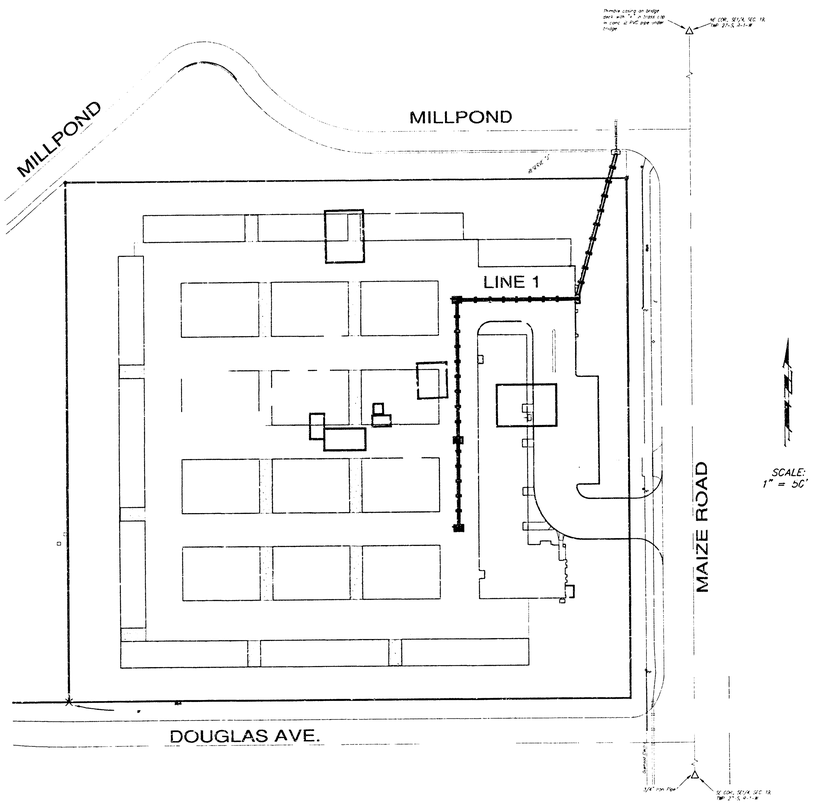
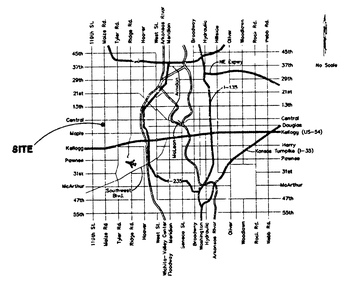


Location Map



Legal Description

Lot 1, Security Storage Addition,
Wichita, Sedgwick County, Kansas.

Benchmarks

1. City Disc, NW Corner Maize Road and Maple Street.
   Elev. = 135.05
2. Maize Rd. and Second St.
   COW Bench Mark 0.5 miles (0.81 km) north of Maple
   Top of hub guard, NW corner of bridge, built in 1993
   City Datum: 141.26
   MSL: 1328.66

General Notes:

1. Contractor will be required to provide notice to utility companies a minimum of forty-eight (48) hours prior to any excavation, as follows:

   Kansas One-Call 687-2470

   The Contractor must notify the following in case of an emergency:

Cablevision	262-0661
or	263-2061
Kansas Gas Service	383-8650
KGE	383-8600
Peoples Gas Company	942-8811
Southwestern Bell Telephone Company	800-344-7233
City of Wichita Water Department	268-4908
City of Wichita Sewer Maintenance	268-4071

2. 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. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

3. 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. All areas disturbed by construction operations shall be seeded with rye grass at a rate of 6 lbs. per 1000 sq. feet or as per city specs. Contractor to prepare ground to city specifications.

5. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

6. 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.

7. 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 law.

8. The Contractor shall give all property owners and/or tenants of developed property directly abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Storm Sewers VRH 6/10/99

NOTE TO CONTRACTORS

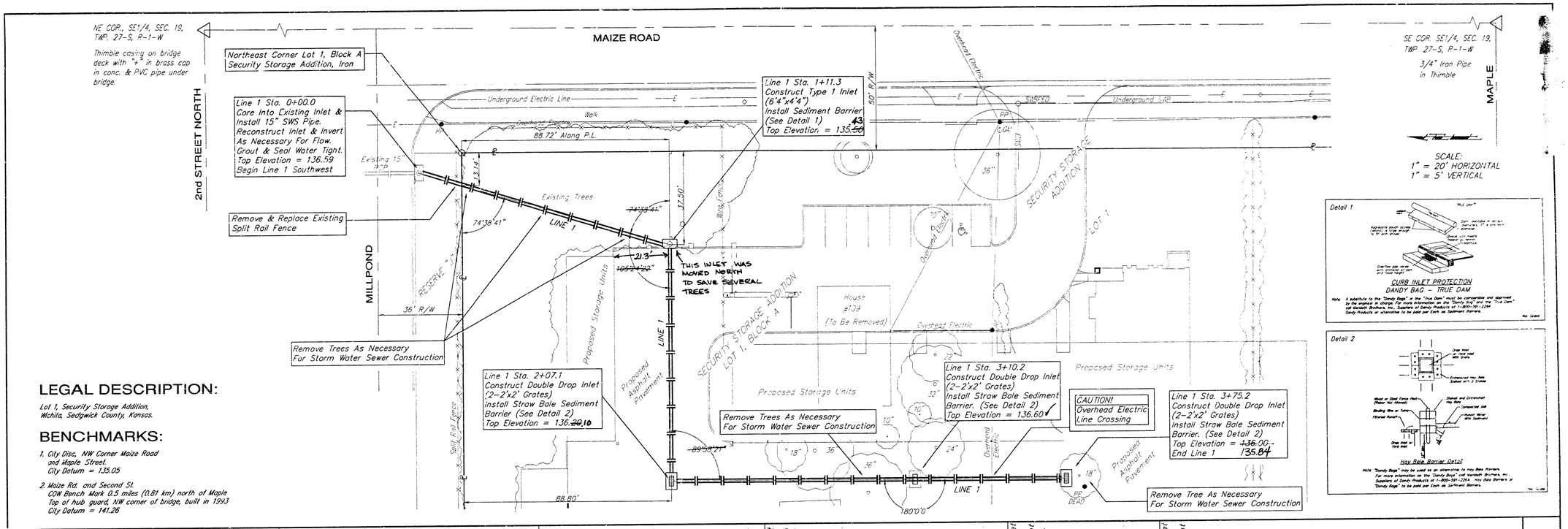
Installation, inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional 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 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).

DAVID L. YARBOROUGH
LICENSED
David L. Yarbrough
14709
6/9/99
KANSAS
PROFESSIONAL ENGINEER

McCullough Excavation

PROJECT INSPECTED BY BAUGHMAN CO.
ASBUILT 12-1-99

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING

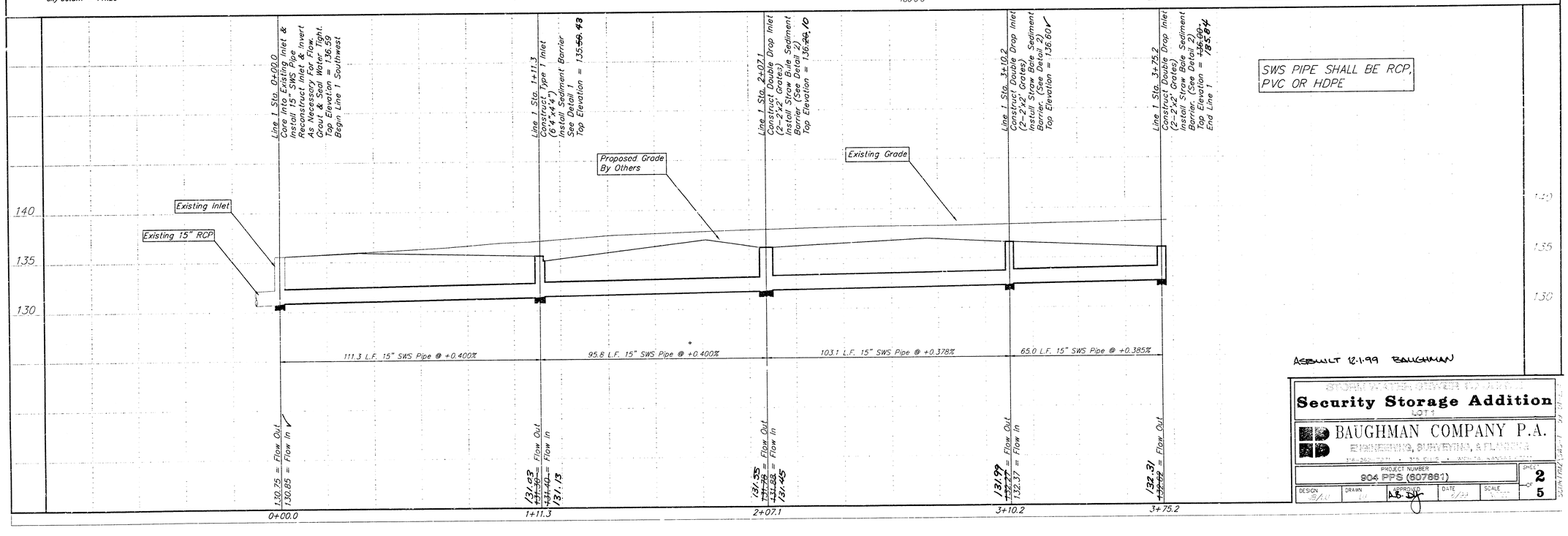


LEGAL DESCRIPTION:

Lot 1, Security Storage Addition, Wichita, Sedgwick County, Kansas.

BENCHMARKS:

1. City Disc, NW Corner Maize Road and Maple Street. City Datum = 135.05
2. Maize Rd. and Second St. COW Bench Mark 0.5 miles (0.81 km) north of Maple Top of hub guard, NW corner of bridge, built in 1993 City Datum = 141.26



ASBUILT 12-1-99 BAUGHMAN

STORM WATER SEWER PLANNING

Security Storage Addition

LOT 1

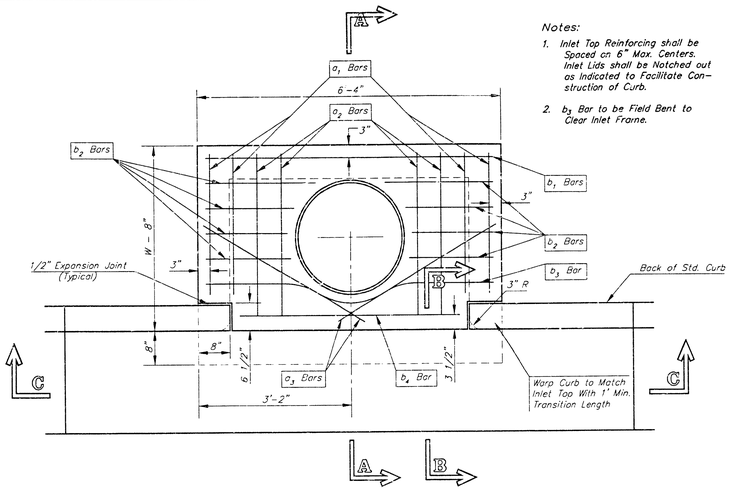
BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, & PLANNING

PROJECT NUMBER 904 PPS (607861)

SHEET 2 OF 5

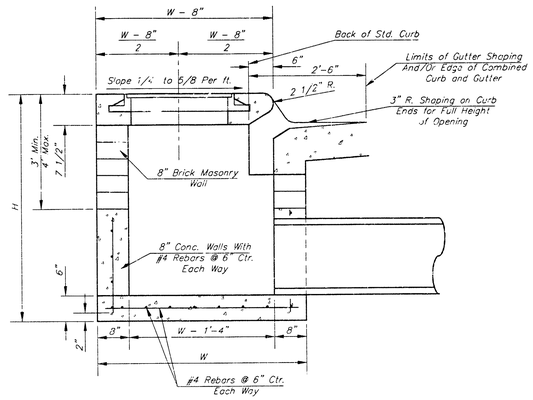
DESIGN | DRAWN | APPROVED | DATE | SCALE



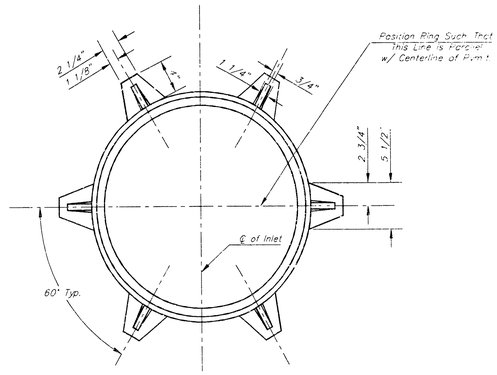
PLAN

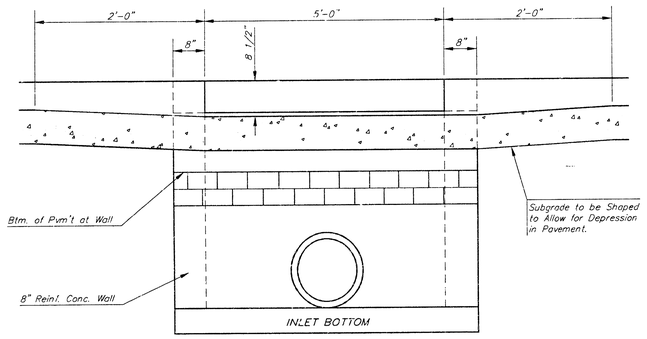
Notes:

1. Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids shall be Notched out as Indicated to Facilitate Construction of Curb.
2. b_3 Bar to be Field Bent to Clear Inlet Frame.

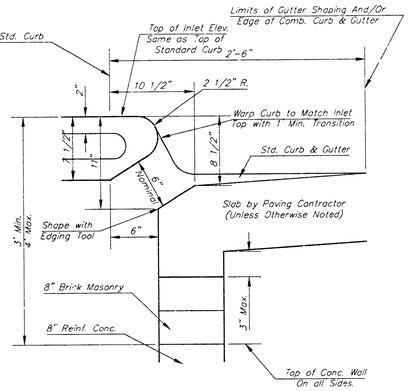


SECTION A–A

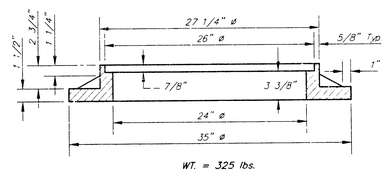




SECTION C–C



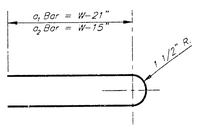
SECTION B–B



WT. = 325 lbs.

MANHOLE RING AND COVER

*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



BENDING DIAGRAM

STEEL SCHEDULE

BAR		a_1	a_2	a_3	b_1 W=4'-4"	b_1 W=5'-4"	b_1 W=6'-4"	b_1 W=7'-4"	b_1 W=8'-4"	b_2	b_3	b_4	Wt. Lbs.
NUMBER		4	4	2	1	3	5	7	9	6	1	1	
SIZE		#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
LENGTH	W=4'-4"	5'-7"	6'-7"	4'-0"	6'-1"	–	–	–	–	1'-9"	6'-2"	4'-8"	60±
	W=5'-4"	7'-7"	8'-7"	5'-0"	–	6'-1"	–	–	–	1'-9"	6'-2"	4'-8"	81±
	W=6'-4"	9'-7"	10'-7"	6'-0"	–	–	6'-1"	–	–	1'-9"	6'-2"	4'-8"	101±
	W=7'-4"	11'-7"	12'-7"	7'-0"	–	–	–	6'-1"	–	1'-9"	6'-2"	4'-8"	121±
	W=8'-4"	13'-7"	14'-7"	8'-0"	–	–	–	–	6'-1"	1'-9"	6'-2"	4'-8"	141±

Note: a_3 Bars to be Placed Approx. 2" Below Top of Inlet Cover.

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	5'-8" 6'-4" 7 1/2"	21" & SMALLER	0.38±
5'-4"	4'-8" 6'-4" 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" 6'-4" 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" 6'-4" 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" 6'-4" 7 1/2"	60" & 66"	0.90±

GENERAL NOTES

1. Concrete tops to be installed on thin mortar cushion to insure full support along brick walls. Concrete tops may be cast in place or precast. Concrete used for inlet construction shall be concrete pavement mix.
2. Contractor shall have the option of constructing 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" and H=7'-0" or less.
3. Inlet invert shall be shaped with 8 sack sand mix 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.
4. The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.

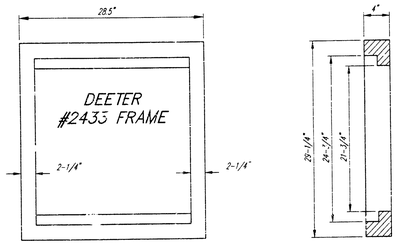
TYPE 1 CURB INLET

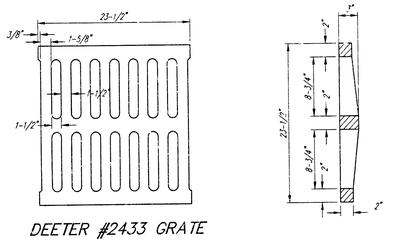
BAUGHMAN COMPANY P.A.

PROJECT NUMBER 804 PPS (207881)

SHEET 3 OF 5

DESIGN	DRAWN	APPROVED	DATE	SCALE

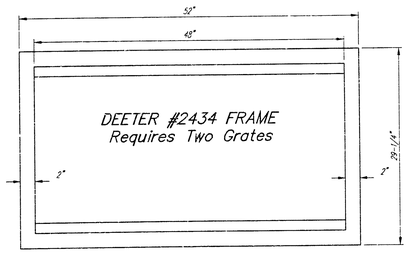


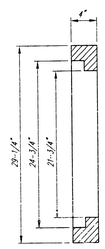


DEETER #2433 GRATE

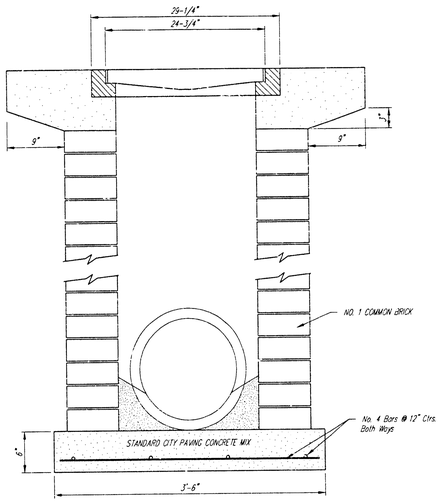
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters of at least 1" in height. Other marking methods may be approved by the engineer.

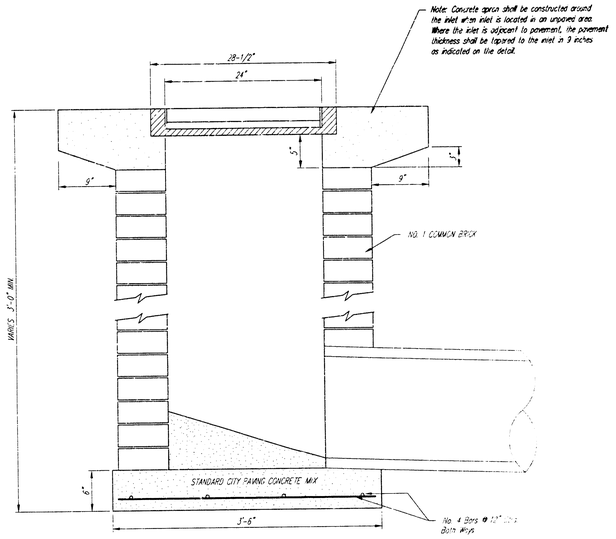
24" x 24" Frame and Grate Detail

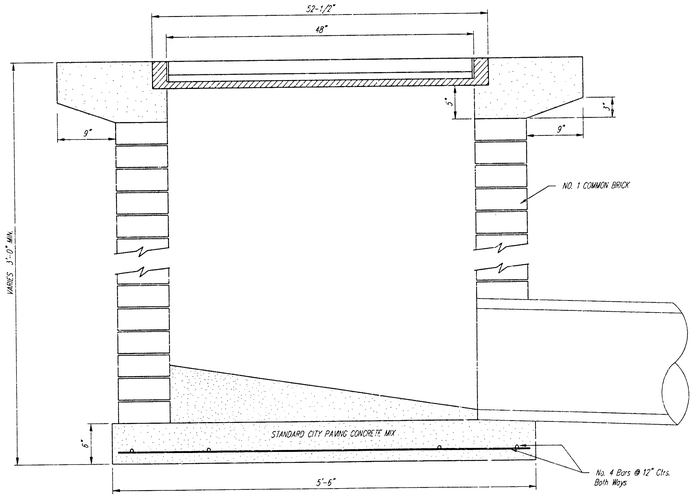




Double 24" x 24" Frame Detail







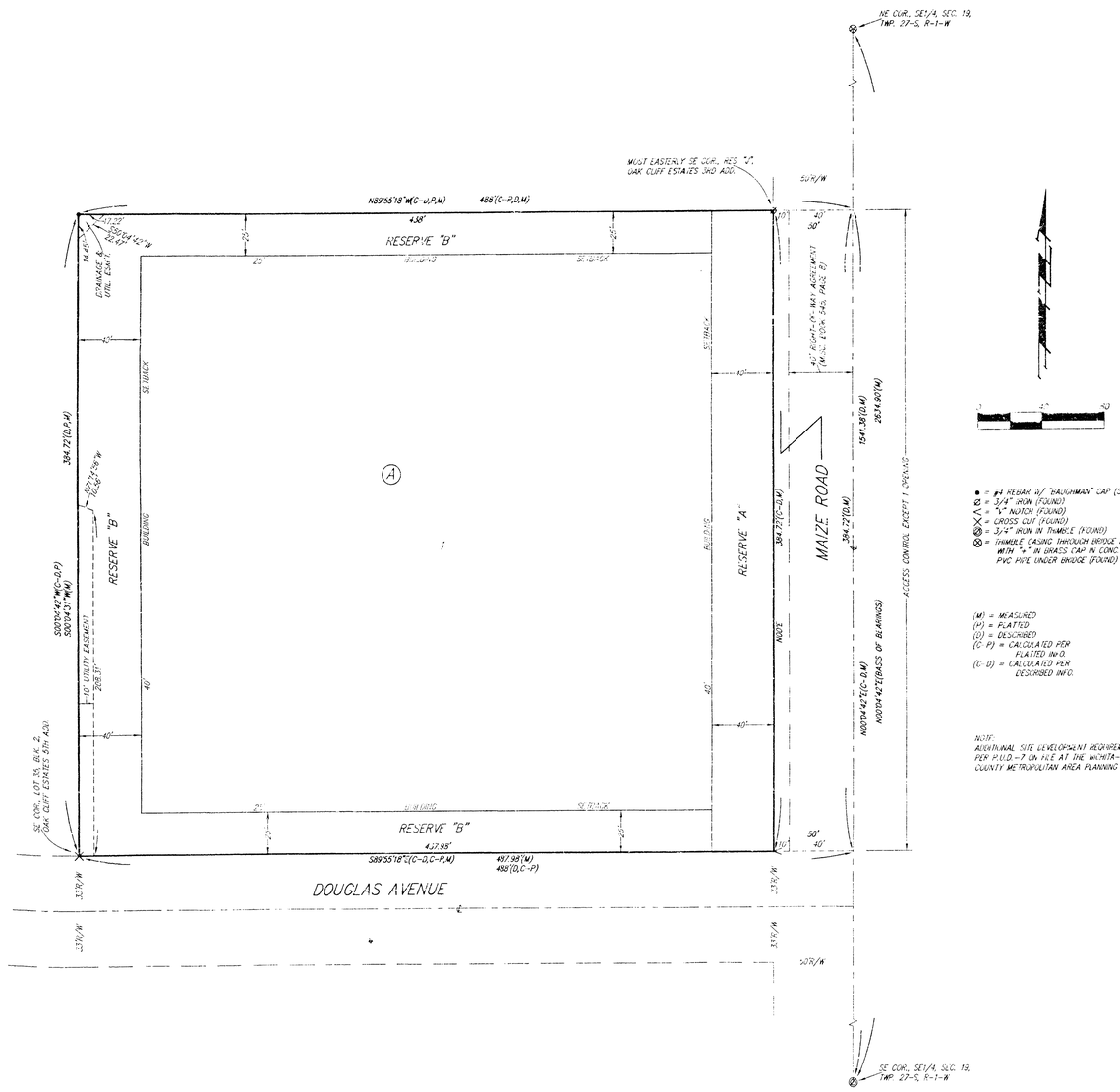
Drop Inlet

BAUGHMAN COMPANY P.A.

PROJECT NUMBER	SHEET	OF
PPS ( )	4	5

DESIGN	DRAWN	APPROVED	DATE	SCALE
C.O.W.	Staff		6/23	NONE

SECURITY STORAGE ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



● = #4 REBAR W/ "BAUGHMAN" CAP (SET)
⊘ = 3/4" IRON (FOUND)
△ = "V" NOTCH (FOUND)
X = GROSS CUT (FOUND)
⊘ = 3/4" IRON IN THIMBLE (FOUND)
⊗ = THIMBLE CASING THROUGH BRIDGE DECK WITH "+" IN BRASS CAP IN CONC. & PVC PIPE UNDER BRIDGE (FOUND)

(M) = MEASURED
(P) = PLATTED
(D) = DESCRIBED
(C-P) = CALCULATED PER PLATTED INFO.
(C-D) = CALCULATED PER DESCRIBED INFO.

NOTE:
ADDITIONAL SITE DEVELOPMENT REQUIREMENTS PER P.U.D.-7 ON FILE AT THE WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING DEPARTMENT.

State of Kansas)
Sedgwick County) SS We, Baughman Company, P.A., Surveyors in aforesaid county and state do hereby certify that we have surveyed and platted "SECURITY STORAGE ADDITION", Wichita, Sedgwick County, Kansas and that the accompanying plat is a true and correct exhibit of the property surveyed, described as a tract in Sec. 19, Twp. 27-S, R-1-W of the 6th P.M., Sedgwick County, Kansas, described as follows: Beginning at a point in the east line and 1541.38 feet north of the SE corner of said Sec. 19; thence west at right angles, 488 feet; thence south at right angles, 384.72 feet; thence east at right angles, 488 feet to the east line of said Sec. 19; thence north 384.72 feet to the point of beginning.

Existing easements and dedications being vacated by virtue of K.S.A. 12-512(b).

Baughman Company, P.A.

Michael G. Conrey, Surveyor — 8-97 — 5-5-99

Michael G. Conrey

Know all men by these presents that we, the undersigned, have caused the land in the surveyors certificate to be platted into a Lot, a Block and a Street to be known as "SECURITY STORAGE ADDITION", Wichita, Sedgwick County, Kansas. The utility easement is hereby granted as indicated for the construction and maintenance of all public utilities. The drainage and utility easement is hereby granted as indicated for drainage purposes and for the construction and maintenance of all public utilities. The street is hereby dedicated to and for the use of the public. Reserve "A" is hereby reserved for landscaping and open space. Reserve "B" is hereby reserved for landscaping, open space, utilities as confined to easements, and drainage as confined to easement. Reserves "A" and "B" shall be owned and maintained by the owner of Lot 1, Block A. All abutters rights of access to or from Maize Road over and across the east line of Reserve "A" are hereby granted to the City of Wichita, Kansas provided, however, that said Reserve "A" shall have access to Maize Road at one location as shall be determined by the City Engineer of the City of Wichita, Kansas.

Orlin E. Ard, Jr., Revocable Trust under agreement dated April 4th, 1998

Orlin E. Ard, Jr., Trustee

Orlin E. Ard, Jr.

State of Kansas)
Sedgwick County) SS The foregoing instrument acknowledged before me, this 18TH day of MARCH, 1999, by Orlin E. Ard, Jr., Trustee of the Orlin E. Ard, Jr., Revocable Trust, under agreement dated April 4th, 1998, on behalf of the trust.

JUDITH M. TERHUNE, Notary Public

JUDITH M. TERHUNE
Notary Public - State of Kansas
My Appt Expires 11-7-2001

My App't. Exp. 11-7-2001

This plat of "SECURITY STORAGE ADDITION", Wichita, Sedgwick County, Kansas has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this ____ day of _____, 1999.

Wichita-Sedgwick County Metropolitan Area Planning Commission

_____, Chairman
William M. Johnson

_____, Secretary
Marvin S. Krout

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this____day of _____, 1999.

_____, Mayor
Bob Knight

_____, City Clerk
Pat Burnett

Entered on transfer record this _____ day of_____, 1999.

_____, County Clerk
James Alford

State of Kansas)
Sedgwick County) SS This is to certify that this plat has been filed for record in the office of the Register of Deeds, this____day of_____, 1999, at_____o'clock___M. and is duly recorded.

_____, Register of Deeds
Bill Meek

_____, Deputy
Linda Kizzire

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
310 EQUITABLE BLDG. • 100 N. BROADWAY • WICHITA, KANSAS 67202

18 03 03 11

SEP 24 1999