1142 PPS

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____

Storm Sewers VRH 8/2/01

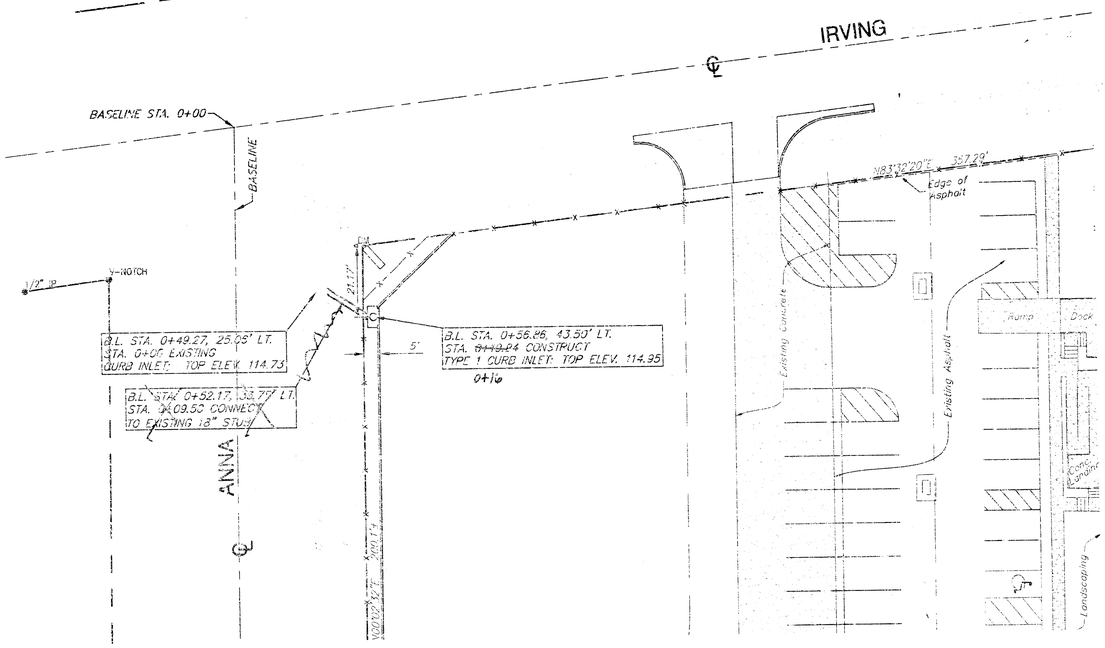
Driveway Approaches _____

Water Mains _____

Paving _____

NOTE TO CONTRACTORS

Inspection and testing for this project are 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.



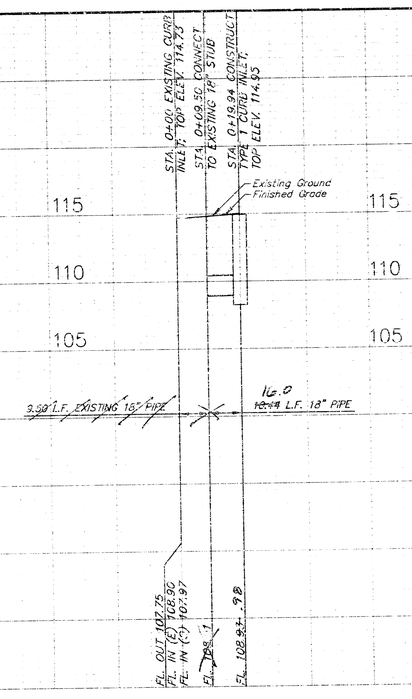
BENCHMARK:
RAILROAD SPIKE IN WEST FACE OF POWER POLE AT THE N.E. CORNER OF ANNA AND WALKER.
ELEVATION 115.91

RAILROAD SPIKE IN SOUTH FACE OF POWER POLE AT THE S.E. CORNER OF ANNA AND IRVING.
ELEV 115.90



BOOKED 6-19-02 MCG D-14

SCALE
1" = 20' Horiz. (Plan)
1" = 5' Vert. (Profile)



11-2-01 JCR REVISED AS BUILT

SYSCO FOOD SERVICE
STORM SEWER
1001 S. YOUNG, WICHITA, KS.

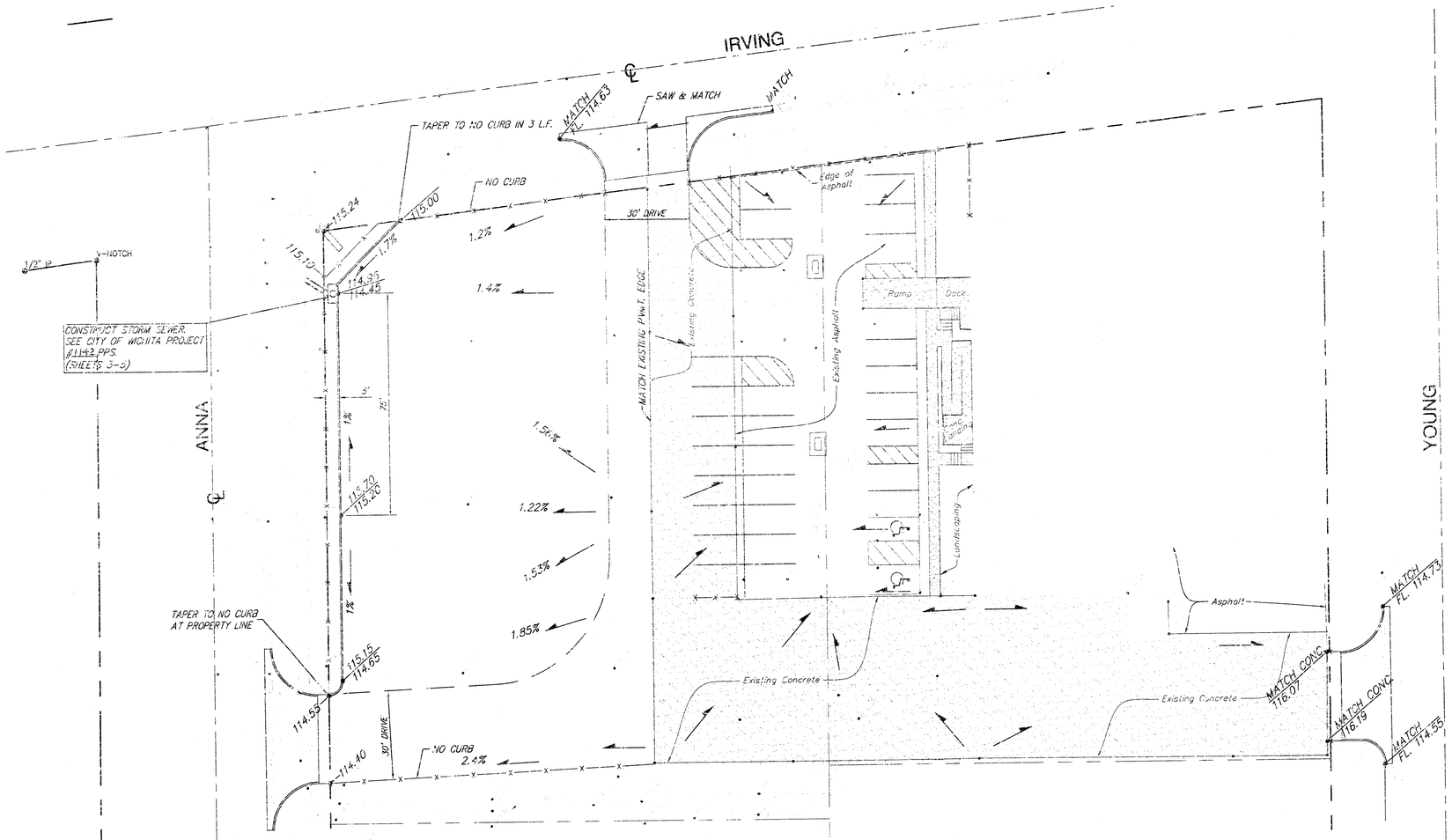
SRB 904 NORTH MAIN WICHITA, KANSAS 67203 316-264-8028 FAX 264-4627 http://www.srb1.com E-Mail: srb@srb1.com

SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER
1142 PPS (607861)

DESIGN	DRAWN	UTILITY	REVIEW	DATE	REVISED
TCR	JTS	JCR		July 18, 2001	

SHEET 2 OF 5



BENCHMARK:

RAILROAD SPIKE IN WEST FACE OF POWER POLE AT THE N.E. CORNER OF ANNA AND WALKER. ELEVATION 115.91

RAILROAD SPIKE IN SOUTH FACE OF POWER POLE AT THE S.E. CORNER OF ANNA AND IRVING. ELEV 115.90

IMPERVIOUS AREA = 66,658 S.F.
PERVIOUS AREA = 8,305 S.F.

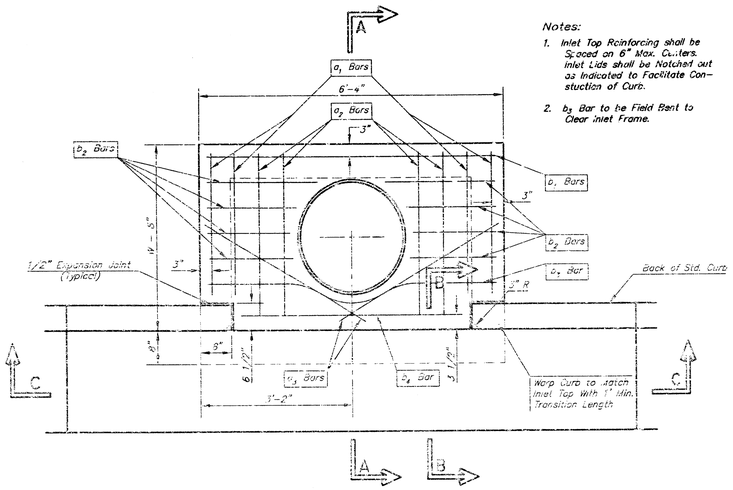
SYSCO FOOD SERVICE
SITE GRADING PLAN
100[illegible] S. YOUNG, WICHITA, KANSAS

SRB
924 NORTH MAIN
WICHITA, KANSAS 67203
www.srb1.com
316-264-8008
FAX 264-4821
E-mail: srb@srb1.com
SAVOY, RUGGLES & BOHM, P. A.
ENGINEERING & SURVEYING

PROJECT NUMBER: 1142 PPS (607861)

DESIGN	DRAWN	UTILITY	REVIEW	DATE	REVISED
TCR	JTS			July 25, 2001	

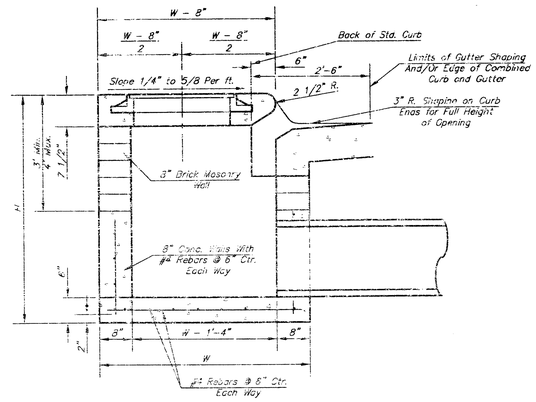
DWG FILE: SITE GRADING
SHEET 3 OF 5



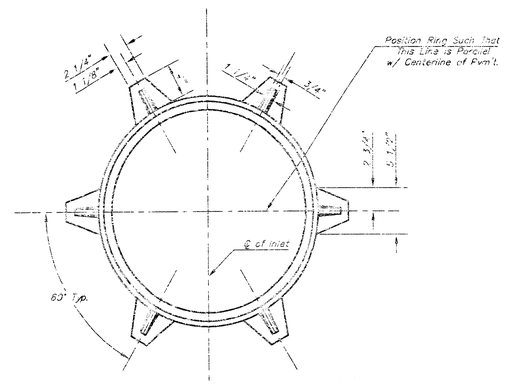
PLAN

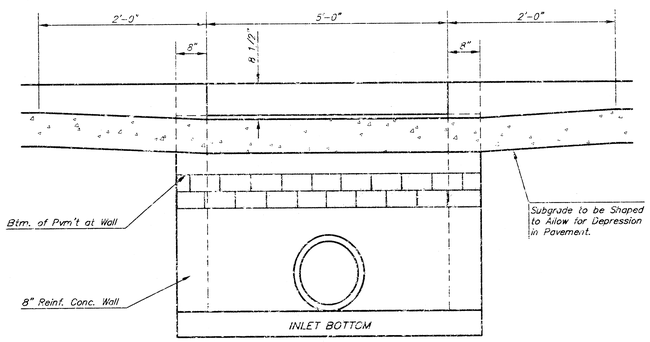
Notes:

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_4 Bar to be Field Bent to Clear Inlet Frame.

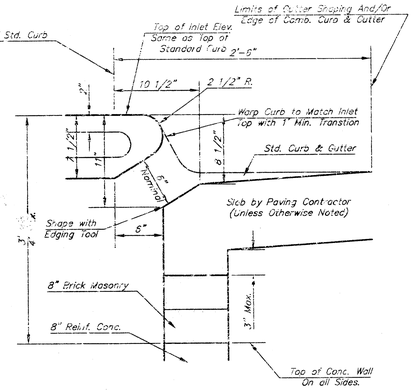


SECTION A–A

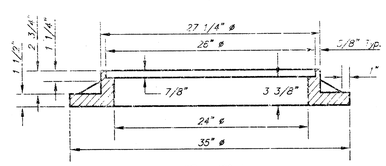




SECTION C–C



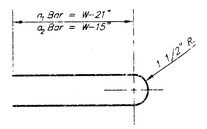
SECTION B–B



WT. = 180 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 #4'-4"	b_1 W=5'-4"	b_1 #=6'-4"	b_1 W=7'-4"	b_1 #=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"	3'-8" 6'-4" 7 1/2"	21" & SMALLER	0.36±
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.

THE CITY OF WICHITA

CITY ENGINEER'S OFFICE
CITY HALL – SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 268-4501
(316) 268-4174 FAX

STANDARD TYPE 1 CURB INLET OPENING = 6'X5'-0"

M. E. LINDEBAK P.E. – CITY ENGINEER

PROJECT NUMBER	OCA #
1142 PPS	607861
DATE MAR 96	SHEET 4 OF 5

18 14 03 14