EXISTING DRAINAGE DEDICATION

110.00'

49.7'

Sta. 1+63.5 Construct
Dbl. Face Curb Inlet (Type I)
L=8'-4" W=3'-7"
Top Elev. = 136.25
147.0' Instl. ~~147.3~~ LF 15" RCP (NE)
Connect roof drains
NOTE: Inlet Moved 2' South.

113°38'±

35.3'

CAUTION:
Underground SW Bell K&E Cables, and sewer service. Contractor to verify location and depth prior to laying pipe. Contractor shall be responsible for arrangements and cost of any relocation.

1/2" Rebar

110°57'

DA = 2.5 Acres / C = 0.80
Q - 5 = 9.0 cfs
Q - 100 = 14.2 cfs

NOTE: 2 Roof Drains

Sta. 0+50.2 Exist.
Dbl. Dbl. Drop Inlet
Grate Size 2' x 4'
Top Elev. = 136.00
Modify opening to receive new roof drains (N)
Retain existing roof drain(s).
~~Install 113.3 LF 15" RCP (NW)~~
NOTE: Install 104.5' LF 15" RCP (NW)

PROPOSED
EXISTING
BUILDING
F.F 139.00

Remove 181 LF Existing 15" RCP & Drop Inlet (N). Salvage Grate & Frame.

Sta. 3+10.8 Construct
Dbl. Face Curb Inlet (Type I)
L=6'-4" W=3'-7"
Top Elev. = 136.75
~~Install 170.3 LF 15" RCP (E)~~
NOTE: Install 168.0' L.F. 15" RCP

51.7'

98°15'

37.4'

Existing Fire Hydrant. Contract Field Verify Location. Relocate 3' east of new driveway approach. Fire hydrant reconstruction shall conform to City requirements.

1/2" Rebar

25.0'

31.9'

Sta. 4+81.1 Construct
City of Wichita 4'x2' Drop Inlet
L=5'-4" W=3'-4"
Top Elev. = 136.75
Reinstall castings salvaged from project

NOTE: 3/4" PVC Gas

Plan 1" = 20'
Profile 1" = 5'

BENCHMARK:

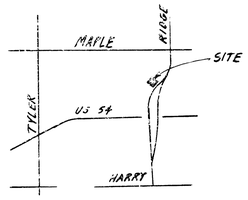
Square cut on top of curb of parking lot near the S.W. corner of Lot 1, Ridge Plaza 9th Addition at the N.E. corner of Taft and Mid-Continent.

Elevation = 140.25 City Datum

NOTES:

1. Existing facilities shown from record drawings for Lot 2 and from field survey by Savoy Ruggles and Bohm P.A. dated Oct. 1999 for Lot 1. No field verification performed by Professional Engineering Consultants P.A.

2. See Storm Water Sewer Plan for drainage.



LOCATION MAP

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers_____

Storm Sewers VRH 1/7/2000

Driveway Approaches_____

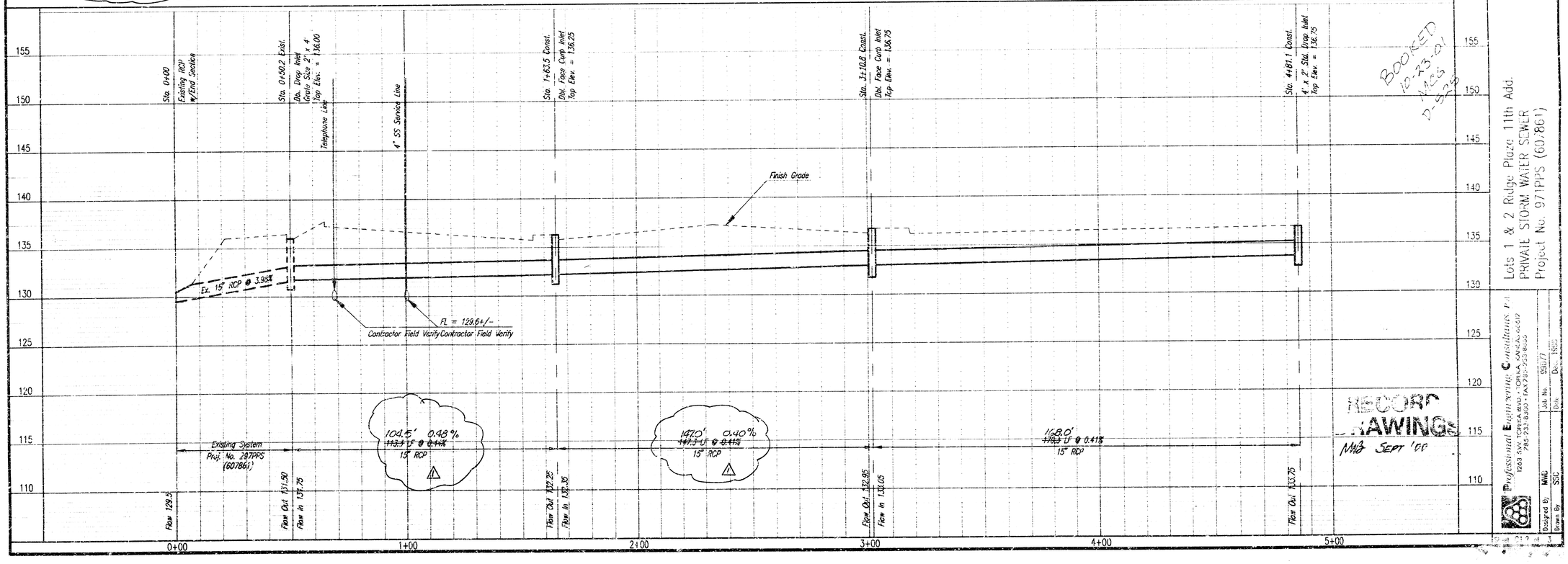
Water Mains_____

Paving_____

NOTE TO CONTRACTORS

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.

MICHAEL W. BOHM
LICENSED
9369
KANSAS
PROFESSIONAL ENGINEER



BOOKED
10-23-01
M-25
P-52

RECORD DRAWING
MHB SEPT '00

Professional Engineering Consultants P.A.
1263 SW TORREANO • TOPEKA, KANSAS 66615
785 783 0400 • FAX 785 783 0610

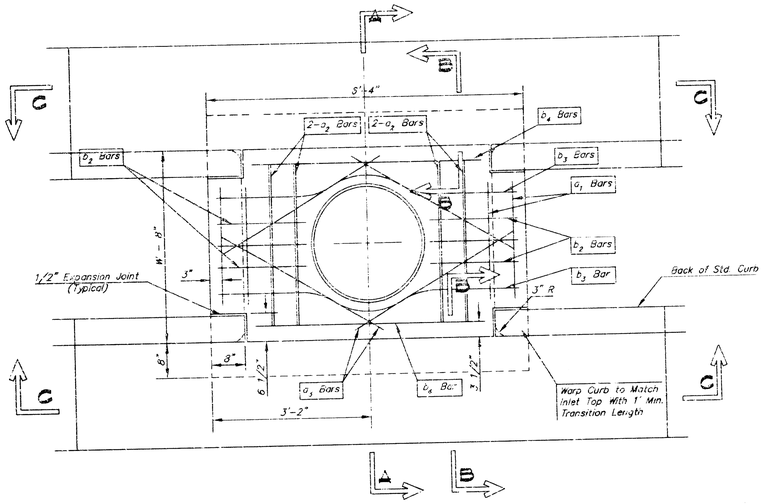
Designed By: MWG
Drawn By: SSC
Job No. 99677
Date
Dwg. No.

Lots 1 & 2 Ridge Plaza 11th Add.
PRIVATE STORM WATER SEWER
Project No. 97 1PPS (60786)

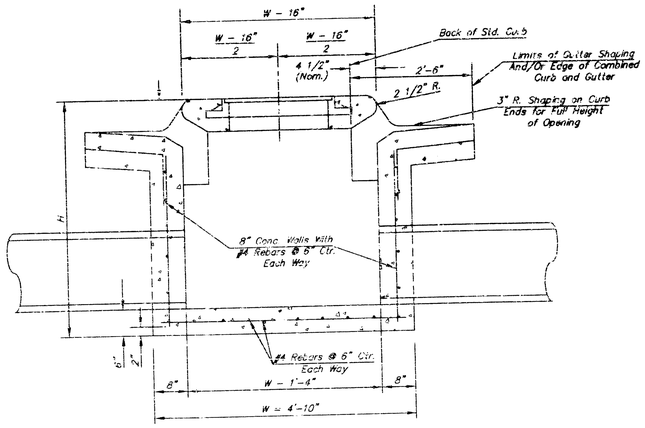
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Notes:

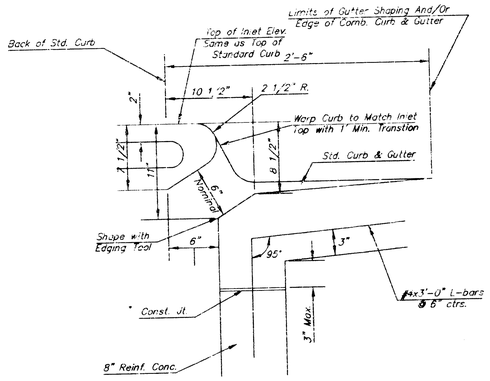
1. Inlet Top Reinforcing shall be Spaced a 6" Max. Centers. Inlet Lids shall be Notched out as Indicated to Facilitate Construction of Curb.
2. b_3 Bar to be Field Bent to Clear Inlet Frame.



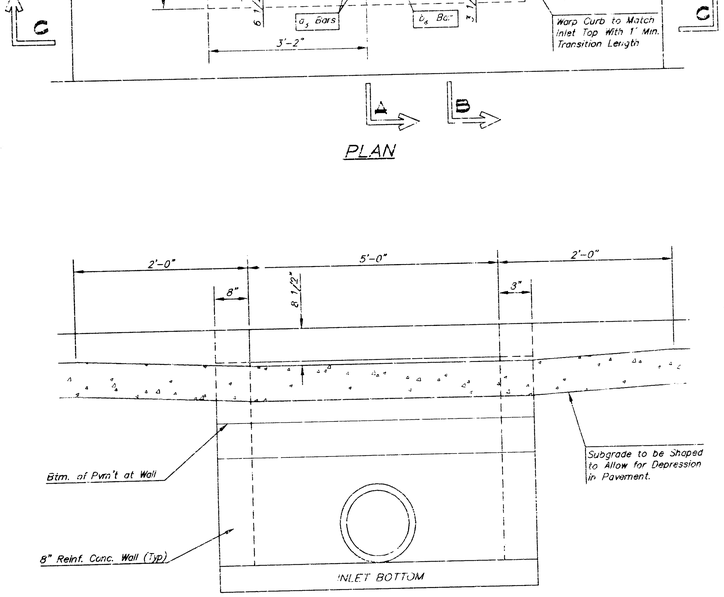
PLAN



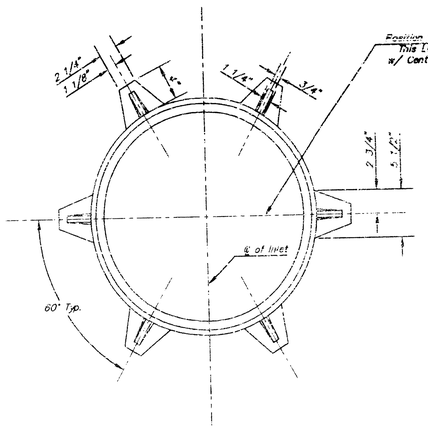
SECTION A-A

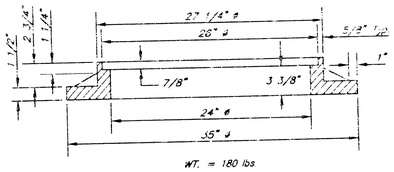


SECTION B-B



SECTION C-C

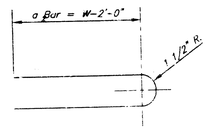




WT. = 180 lbs

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

Place a_2 bars back to back with opposite open ends.

GENERAL NOTES

1. Concrete tops shall be cast in place. Concrete used for inlet construction shall be concrete pavement mix.
2. Walls shall be cast in place throughout. No brick option permitted.
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 an inlet and /or outlet pipes.
4. Then ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.

MICHAEL W. BEAM LICENSED Professional Engineer 9889 KANSAS

DRAWING MODIFIED FROM CITY OF WICHITA TYPE I CURB INLET

RECORD DRAWINGS
M/G SEPT '00

Professional Engineering Consultants, P.A.
1263 S.W. TOPEKA BLVD. • TOPEKA, KANSAS 66612
785-233-1300 • FAX 785-233-8855

DBL FACE TYPE I CURB INLET
OPNG = 2 @ 6"x5'-0"

PROJECT NUMBER	BLOCK CODE
971PPS	607661
DATE: DEC 99	Sh C1.3 of 3

DATE 02 04 02