STORM WATER SEWER

SERVING PART OF LOT 2 BLOCK 1, CEDAR VIEW ADDITION, TO WICHITA, SEDGWICK COUNTY, KANSAS.

SELTZER ELEMENTARY SCHOOL
U.S.D. # 259

CITY OF WICHITA, KANSAS

M.E. LINDEBAK **CITY ENGINEER**

PRIVATE PROJECT NO. 915PPS
INDEX NO. 607861

June 1999

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers VRH 6/24/99
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 IS 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.

NOTES

1. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE ADVANCE NOTICE OF TWENTY-FOUR (24) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

   KANSAS ONE-CALL 697-2470

   THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

CABLEVISION	262-4270 OR 263-2661
KPL GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141
PEOPLES NATURAL GAS	942-6350 OR 263-8151
SOUTHWESTERN BELL TELEPHONE	1-571-2611
CITY OF WICHITA WATER DEPT	268-4908
CITY OF WICHITA SEWER MAINTENCE	268-4071

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH AND 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.

3. INTERURBAN TRAFFIC GENERATED OUTSIDE THE PROJECT AREA IS NOT TO BE CARRIED THROUGH CONSTRUCTION.

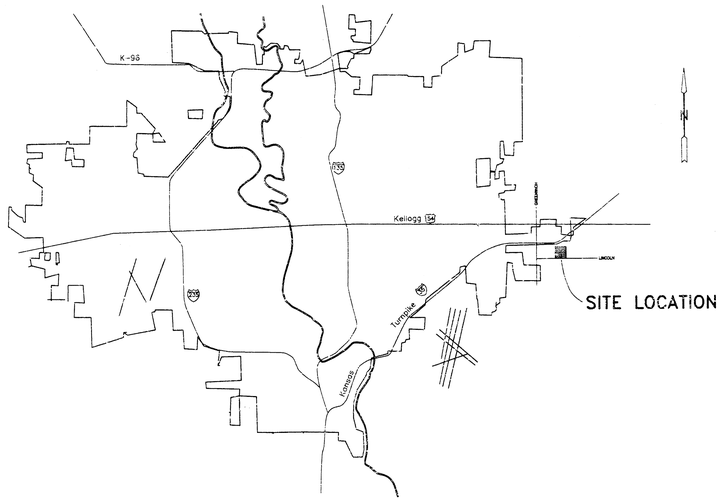
4. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

5. 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 IN A FLOOD PLAIN 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 ENGINEER PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

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

7. ALL DISTURBED AREAS TO BE RESEEDED USING TEMPORARY RYE GRASS AT A RATE OF 4 LBS. PER 1000 SQ. FT. WITHIN 14 DAYS UPON PROJECT COMPLETION. CONTRACTOR SHALL PREPARE GROUND AS PER CITY SPECIFICATIONS. THE AREA IN STREET RIGHT-OF-WAY SHALL BE RESTORED WITH SAME TYPE GRASS PER AR78.



INDEX

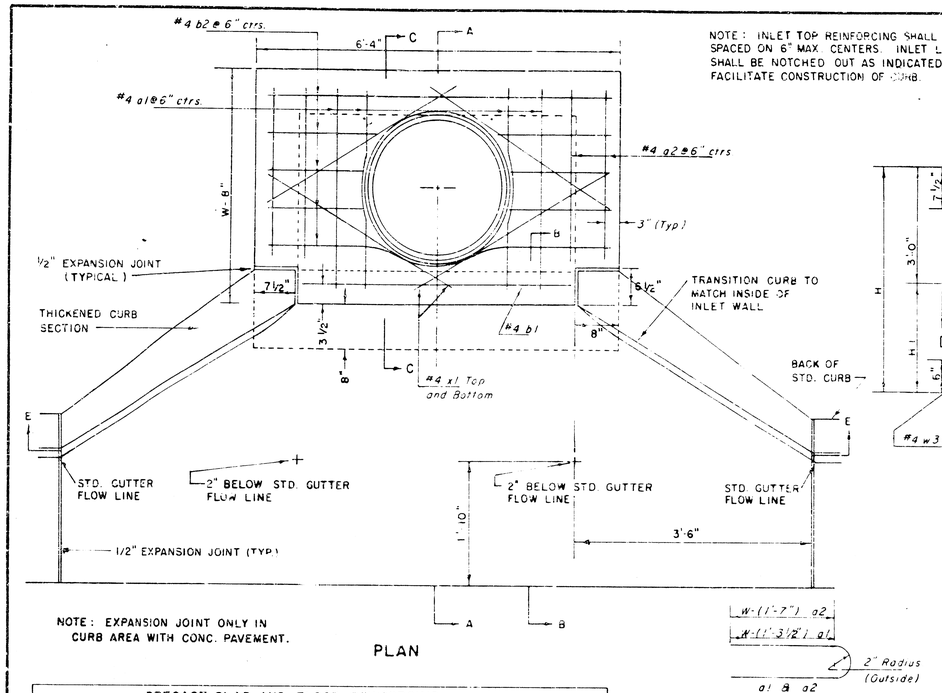
1. *Title Sheet*
2. *Standard Inlet Details*
3. *Key Map*
4. *Plan & Profile – Line 1*
5. *Final Plat – Cedar View Addition*

Booked
E-4
8/20/03
R D L

DION C. MOEHRING
LICENSED
3463
PROFESSIONAL ENGINEER
STATE OF KANSAS
1-2-99

MOEHRING & ASSOCIATES
CONSULTING ENGINEERS
WICHITA

C:\SC14\WORK\SELTZERSWSCV.DWG

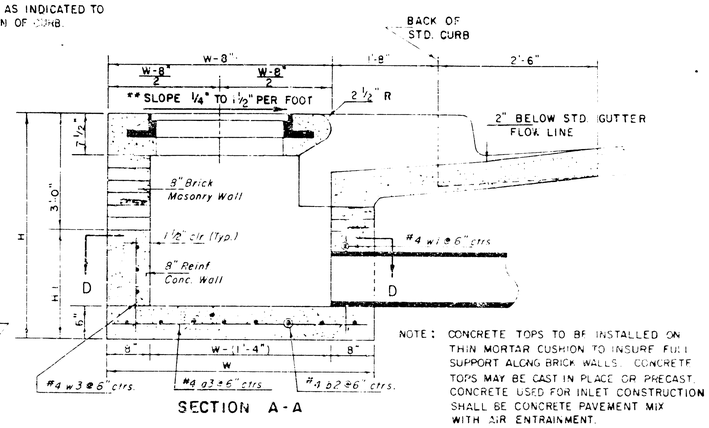

#4 b2 @ 6" ctrs.
#4 a1 @ 6" ctrs.
#4 a2 @ 6" ctrs
3" (Typ.)
½" EXPANSION JOINT (TYPICAL)
THICKENED CURB SECTION
TRANSITION CURB TO MATCH INSIDE OF INLET WALL
#4 b1
#4 x1 Top and Bottom
STD. CUTTER FLOW LINE
2" BELOW STD. GUTTER FLOW LINE
STD. GUTTER FLOW LINE
1/2" EXPANSION JOINT (TYP.)
3'-6"
1'-10"
W-(1'-7") a2
W-(1'-3½") a1
2" Radius (Outside)
a1 & a2

NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

PLAN

BENDING DIAGRAM

NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.



SECTION A-A

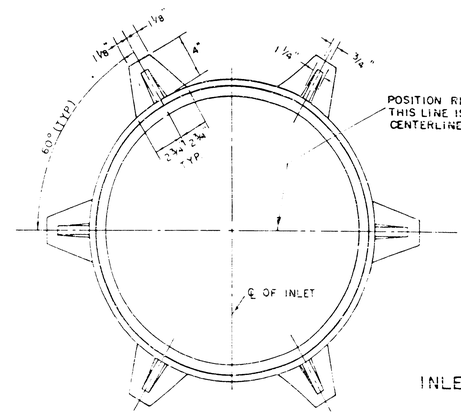
NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX WITH AIR ENTRAINMENT.

NOTE: 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.

ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOOKUP.

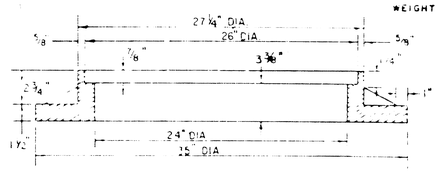
INLET INVERT SHALL BE SHAPED WITH 6 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.

THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL



INLET FRAME

*WEIGHT = 180 LBS



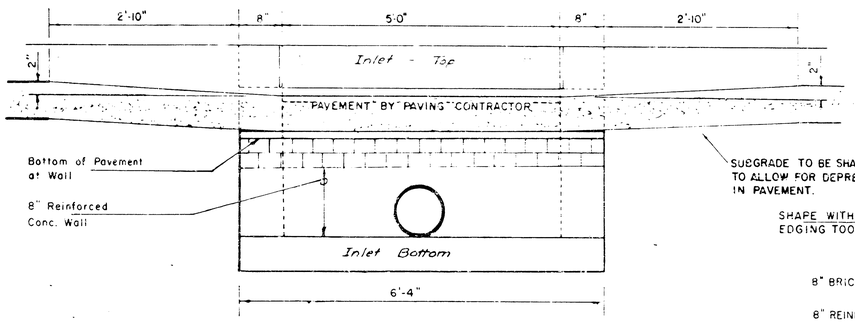
SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU YD CONC
4'-4"	3'8" x 5'4" x 7 1/2"	21" & SMALLER	0.38 ±
5'-4"	4'8" x 6'4" x 7 1/2"	24" & 30"	0.51 ±
6'-4"	5'8" x 6'4" x 7 1/2"	36" & 42"	0.64 ±
7'-4"	6'8" x 6'4" x 7 1/2"	48" & 54"	0.77 ±
8'-4"	7'8" x 6'4" x 7 1/2"	60" & 66"	0.90 ±

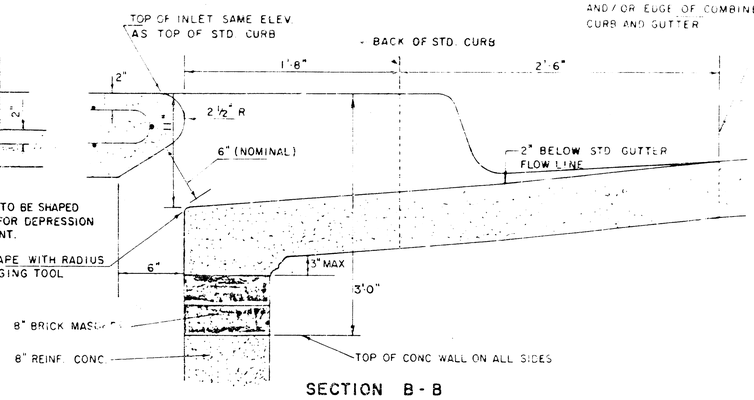
**NOTE: Slope of inlet Tops to match Sidewalk or Parking Slopes within Limits indicated.

PRECAST SLAB AND FLOOR REINFORCING											
		W=4'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
Mark	Size	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length
ta1	#4	6	6'-7"	6	8'-7"	6	10'-7"	6	12'-7"	6	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	13	4'-1"	13	5'-1"	13	6'-1"	13	7'-1"	13	8'-1"
b1	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
tb2	#4	23	6'-1"	29	6'-1"	35	6'-1"	41	6'-1"	47	6'-1"
x1	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	4'-10"	8	5'-2"
WALL REINFORCING											
		W=4'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
Mark	Size	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length
w1	#4	①	6'-1"	①	6'-1"	①	6'-1"	①	6'-1"	①	6'-1"
w2	#4	①	4'-1"	①	5'-1"	①	6'-1"	①	7'-1"	①	8'-1"
w3 *	#4	32	②	36	②	40	②	44	②	48	②

* Field bend or cut Reinforcing as required for clearance.
① 4(H1-12"), (H1 12") Round down to nearest 0.5'
② H1-3"

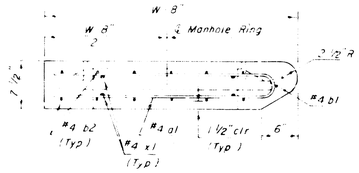


SECTION E - E

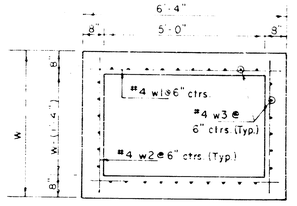


SECTION B - B

LIMITS OF GUTTER SHAPING AND/OR EDGE OF COMBINED CURB AND GUTTER



SECTION C-C



SECTION D-D

~~REVISED 11-30-1988~~
~~REVISED 12-21-1984~~ Revised 2-16-1989

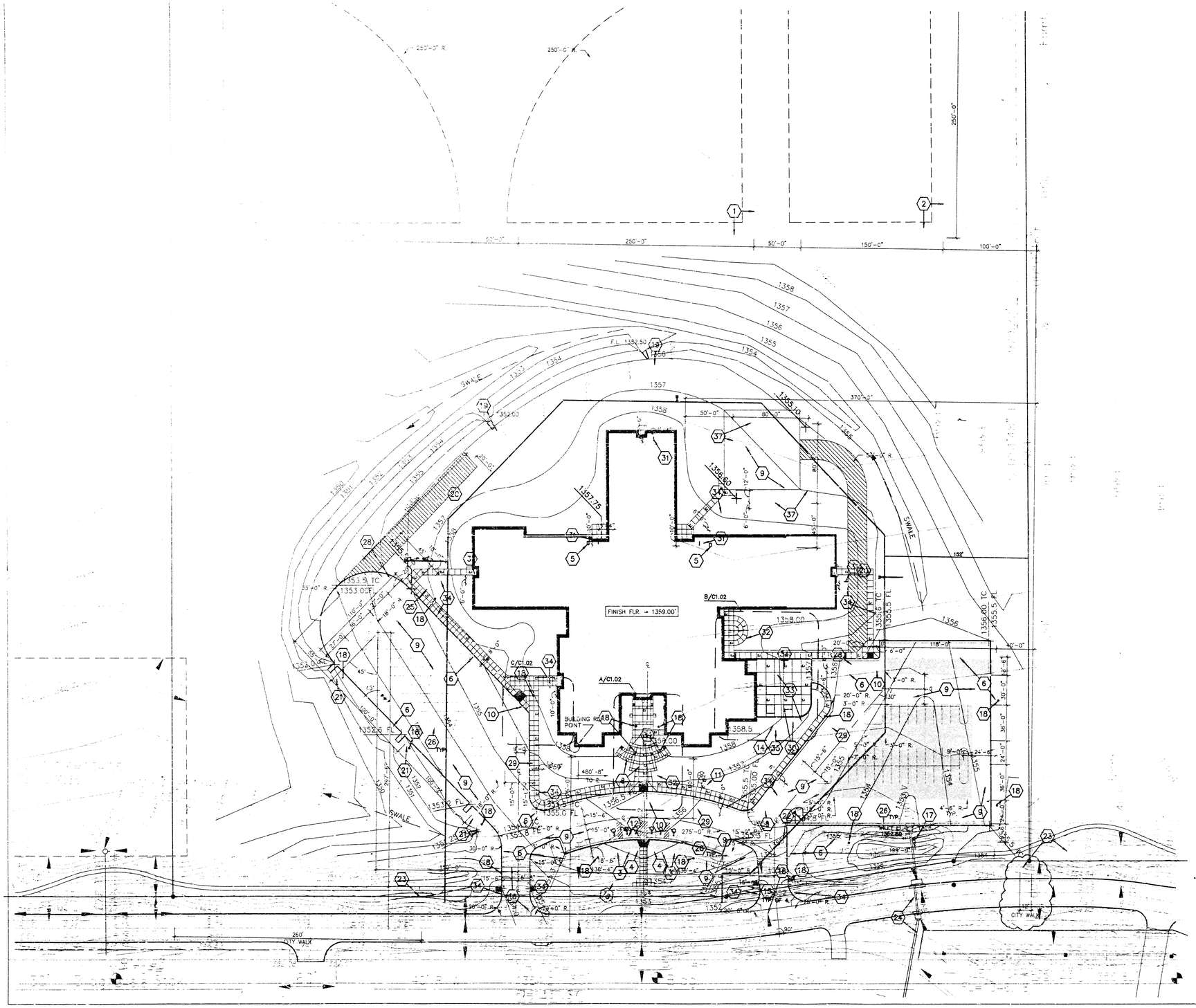
DETAIL STANDARD TYPE IA CURB INLET

CITY OF WICHITA, KANSAS

INLET OPENING = 6" × 5'0"

JUNE 1984

Sheet 2 of 5



STANDARD STALLS AND D2.08 FOR HANDICAP STALLS (INDICATED BY WHEELCHAIR ICONS).

H. REF. TO D2.06 FOR CONDITION OF CURB W/ GUTTER AT SIDEWALK CUTS FOR WHEELCHAIR RAMPS.

I. INSTALL 4" OF TOPSOIL IN ALL AREAS WITHIN 50' OF PARKING AND DRIVES, AND WITHIN 150' OF THE PERIMETER OF THE BUILDING. TOPSOIL IS STOCKPILED ON SITE BY THE GENERAL CONTRACTOR.

KEYED NOTES

1. BASEBALL PRACTICE FIELD – FOR INFORMATION ONLY
2. FOOTBALL PRACTICE FIELD – FOR INFORMATION ONLY
3. HANDICAP SIGN – REF. D2.01A
4. HANDICAP SIGN – VAN ACCESSIBLE – REF. D2.01A
5. CONCRETE SPLASHBLOCK AND EROSION NETTING (NETTING (IS 4' WIDE X 12' LONG)– REF. D2.17A
6. CONCRETE CURB AND GUTTER – REF. D2.02
7. NOT USED
8. CONCRETE ENTRANCE STRUCTURE
9. ASPHALT PAVING
10. WHEELCHAIR RAMP – REF. D2.06: 1 IN 12 MAX. SLOPE, TAPER CURBS
11. FLAGPOLE – REF. D2.08A
12. HANDICAP STALL – REF. D2.08B
13. CATCH BASIN – REF. D2.09
14. TRANSFORMER PAD – REF. D2.11
15. BOLLARD – REF. D2.12A
16. CONCRETE APPROACH – REF. D2.13A
17. CURB INLET – D2.20, D2.21, & D2.22
18. LIGHT POLE – REF. ELEC.
19. CONCRETE HEADWALL AND BAG CRETE (BAG CRETE IS FLUME WIDTH X 10' LONG) – REF. D2.16
20. PAVING BLOCKS – REF. SPEC.
21. CONC. WEIR – REF. D2.18
22. CONC. VALLEY – REF. D2.17B
23. CONC. WALKS AND RAMPS BY CITY – N.I.C.
24. EXISTING CURB INLET
25. FIRE HYDRANT – REF. MECH.
26. TYPICAL STRIPING – REF. SPEC.
27. CONTOURS 1358, 1359 AND 1360 CAN BE MODIFIED IF ADDITIONAL FILL IS NEEDED – CONTACT ARCHITECT IF THIS CHANGE IS NECESSARY
28. FIRE DEPARTMENT ACCESS SIGN – REF. D2.19A
29. FIRE LANE STRIPING – PAINT CURB RED
30. EXTERIOR CONC. MECHANICAL PAD – REF. D3.02A
31. FOOTSCRAPER – REF. D5.05A
32. 4" CONCRETE PAVING
33. 6" CONCRETE PAVING
34. 4" CONCRETE SIDEWALK
35. SCREENWALL – REF. D4.05, D4.06
36. CHAIN LINK GATE – REF. SPEC
37. ASPHALT EDGE – REF. D2.02B

08 APRIL 1999 – BUILDING ELEVATION CHANGED FROM 1358' TO 1359'. AREA OF GRADING REDUCED TO THAT ADJACENT TO BUILDING AND PARKING LOTS. ROOF DRAINAGE TO EAST REVISED TO FLUME IN LIEU OF UNDERGROUND.

ADDENDUM #1

PROPERTY LINE MOVED TO CORRECT LOCATION.

SOME LIGHT POLES RELOCATED.

FOOTSCRAPERS RELOCATED.

WALK FROM PARKING TO PUBLIC SIDEWALK ADDED. SIDEWALK ALONG STREET FURTHER DEFINED AS TO CITY VS. CONTRACTOR PROVIDING.

BOLLARDS ADDED AT GAS METER. REF. TO UTILITY PLAN FOR GAS METER LOCATION.

LEGEND

EXISTING CONTOUR
NEW CONTOUR

LIGHT DUTY ASPHALT (5 1/2" THICKNESS)

PAVING BLOCKS (REF. SPECIFICATIONS)

UP = UTILITY POLE
OE = OVERHEAD ELECTRIC
CATV = CABLE TELEVISION
FH = FIRE HYDRANT
WV = WATER VALVE
WM = WATER METER
TSB = TELEPHONE SLICE BOX
MH = MANHOLE
FL = FLOWLINE
GM = GAS METER

SITE PLAN
1" = 40'–0"

SCHAEFER JOHNSON COX FREY & AS

SJCF

SELTZER ELEMENTARY SCHOOL
USD 259
WICHITA KANSAS

REVISION DA
08 APRIL 199

PROJECT NO
2677.00

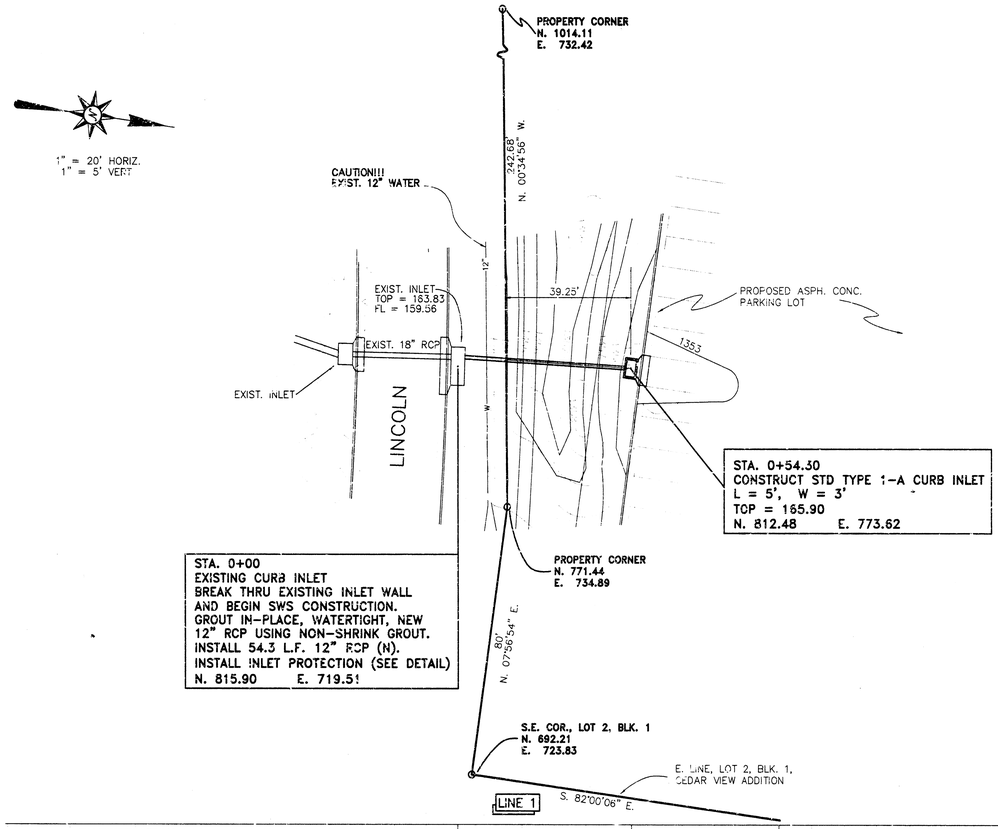
DATE
08 FEB 199

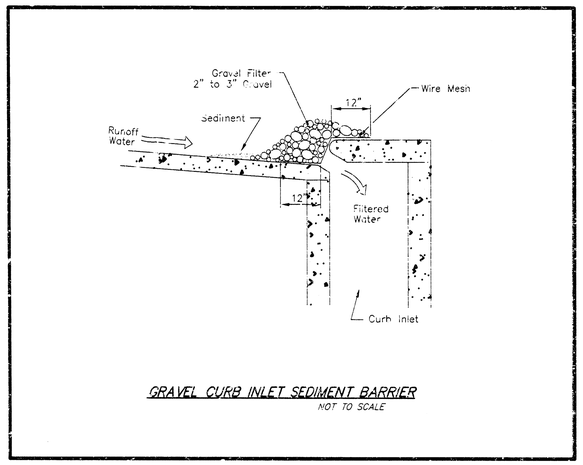
C1.01F

Sheet 3 of 5

©1996, SCHAEFER JOHNSON COX FREY & ASSOC

DWG: M:\2677.00\CD\REVISED\C1-01RRR CREATED: 12/03/98
DWGSCALE: 1" = 40' PLOTTED: 04/03/99





GRAVEL CURB INLET SEDIMENT BARRIER

NOT TO SCALE

BENCHMARK

R.R. SPIKE IN 3RD POWER POLE EAST OF
ROMNEY AND SOUTH OF LINCOLN.
ELEV. = 166.13 CITY DATUM.

C:\SG14\WORK\SELTZERSWS.DWG

CONSULTING ENGINEERS – SURVEYORS

PC100 - 5A

LIBRARY COPY
SEDGWICK COUNTY, KANSAS
REGISTER OF DEEDS

FINAL PLAT

CEDAR VIEW ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

NW COR. SEC. 27, T27S, R2E

NE COR. NW 1/4 SEC. 27, T27S, R2E

CURVE DATA
Δ = 50°23'00"
Δc= 43°23'00"
Rc= 270.00'
Lc= 216.91'
Rr= 280.79'
Ts= 1523.40'
Ls=350.00'
θs= 3°30'00"
Es= 303.12'

Δ = 01°36'17"
R = 3014.79'
L = 84.44'
CHD. = 84.44'
BEARING = N84°32'59"E

Δ = 03°28'31"
R = 5921.43'
L = 359.16'
CHD. = 359.10'
BEARING = N87°40'14"E

FND KTA PT MARKER 50' SOUTH OF CL

FND KTA PT MARKER 50' SOUTH OF CL

150.59' FND KTA POT MARKER 50' SOUTH OF LC

N88°51'07"E(M) 2054.16'

CL KANSAS TURNPIKE

CONDEMNATION A-54126

150'

COMPLETE ACCESS CONTROL

N88°51'07"E 1858.50'

IRON FND

800.62'

906.01'

151.87'

2054.16'

84.44'

CL GREENWICH ROAD

1178.67'(C) 1179.03'(M)

N00°49'38"W 619.34'(M)

N00°49'38"W

1006.1'

UTIL.

ESMT

DRNG.

1

2

3

RESERVE "E"

1055.92'

S00°45'30"E

N89°17'32"E(M) 297.00'(M)

IRON FND

50'

COMPLETE ACCESS CONTROL

N00°49'38"W 412.21'

359.21'

RESERVE "A"

S00°49'38"E 387.41'

20'

RESERVE "F"

RESERVE "G"

200.00' S89°08'12"W 270.00'

20' UE 70.00'

S00°51'48"E 350.00'

S00°51'48"E 350.30'

20' DRNG & UTIL ESMT

20' UE 8 ESMT

50'

75.00

S89°08'12"W

100.00'

N43°08'12"E

126.28'

S89°08'12"W

20'

S 89°08'12" W 601.25'

40'

45.00'

S89°08'12"W 200.00'

70.00'

S89°08'12"W 516.00'

40'

UTIL.

40'

ESMT

N89°08'12"E

2647.37'

RES. "C"

RES. "D"

143.25'

N71°17'12"W

S89°08'12"W 220.08'

88.00'

S00°49'42"E

P.O.B.

53'

37.5'

RES. "B"

RM #1

40'

S89°08'12"W

1/4 SECTION LINE

LINCOLN STREET

2242.30'

SW. COR. NW. 1/4 SEC. 27, T27S, R2E

N 0°46'38" W 40.00'

2654.16' N00°49'38"W

NE CUR. LOT 8, BLOCK 4 WINSOR PARK ADDITION

SW COR. SEC. 27, T27S, R2E

60.00'

53.05' N00°49'38"W

15.73' N89°08'12"E

50'

37.5'

6.88'

53.00'

Δ = 20°51'14"
R = 177.50'
L = 64.60'

2.00'

S89°08'12"W 78.21'

LINCOLN

6.0'

40.00'

Δ = 159°08'19"
R = 2.00'
L = 5.56'

Δ = 180°00'00"
R = 7.75'
L = 24.35'

40.00' N00°46'38"W

RESERVE "B" DETAIL

LEGEND

MINIMUM PAD ELEVATIONS (LOWEST OPENING)

LOT	PORTION	BLOCK	ELEVATION (CITY DATUM)	ELEVATION (USGS)
1	N 1/2	1	159.1	1346.5
1	S 1/2	1	153.6	1341.0
3	N 1/2	1	161.6	1349.0
3	S 1/2	1	162.6	1350.0

5/5

PC 100 - 5A