GENERAL NOTES

1. UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA CONCRETE PAVEMENT AND ASPHALTIC CONCRETE PAVEMENT SPECIFICATIONS.

2. 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 LAWS.

3. EXISTING UTILITIES AND THEIR LOCATIONS, 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 PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.

4. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL	1-800-344-7233 OR 587-2470 (LOCAL WICHITA)

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

SOUTHWESTERN BELL TELEPHONE COMPANY	1-571-2115
CABLEVISION	262-4270 OR 263-2061
KPL GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	294-1141
CITY OF WICHITA WATER DEPARTMENT	268-4908
CITY OF WICHITA SEWER MAINTENANCE	268-4908
ARKLA GAS COMPANY	942-8350 OR 263-8161

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.

6. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAW JOINT TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE REMOVAL OF SURFACE OR PAVEMENT.

7. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain could 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 Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.

8. MARKING OF INDIVIDUAL PARKING STALLS WITH TRAFFIC PAINT IS TO BE COMPLETED BY CITY TRAFFIC ENGINEERING MAINTENANCE FORCES.

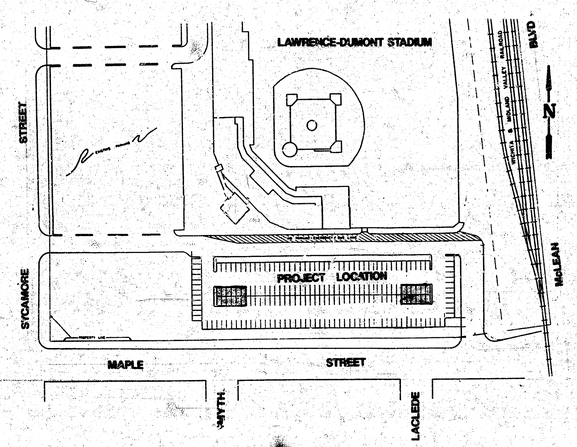
9. CONSTRUCTION PROPOSED REQUIRES A SWALE BE GRADED ALONG THE EAST SIDE OF THE STADIUM OUTFIELD WALL. SWALE TO BE GRADED BY CITY STREET MAINTENANCE FORCES.

10. SINCE RIGHT-OF-WAY HAS NOT BEEN CLEARED AT THE TIME OF PLAN PREPARATION THE EXACT EXTENT OF EARTHWORK NECESSARY TO FACILITATE PROPOSED CONSTRUCTION HAS NOT BEEN ASCERTAINED. IT IS PROJECTED THAT THE EXTENT OF SUCH EARTHWORK WILL NOT EXCEED EXCAVATIONS OR EMBANKMENTS IN EXCESS OF ONE FOOT. THE CITY STREET MAINTENANCE FORCES WILL DELIVER TO THE PROJECT SITE SUITABLE FILL MATERIAL IF SUCH BORROW MATERIAL IS NECESSARY.

11. GRASS AND LANDSCAPE PLANTINGS SHALL BE COMPLETED BY CITY PARK MAINTENANCE FORCES.

PUBLIC PARKING LOT AT 400 W. MAPLE

INDEX NO. 790147



CITY OF WICHITA, KANSAS

M. E. LINDEBAK CITY ENGINEER

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1.	TITLE SHEET
2.	CONSTRUCTION LAYOUT
3.	PAVING PLAN
4.	TYPICAL SECTION AND MISC. DETAILS
5.	DETAIL TYPE II CURB INLET
6.	DETAIL MANHOLE ADJUSTMENT
7.	LANDSCAPING PLAN FOR (INFORMATION ONLY)

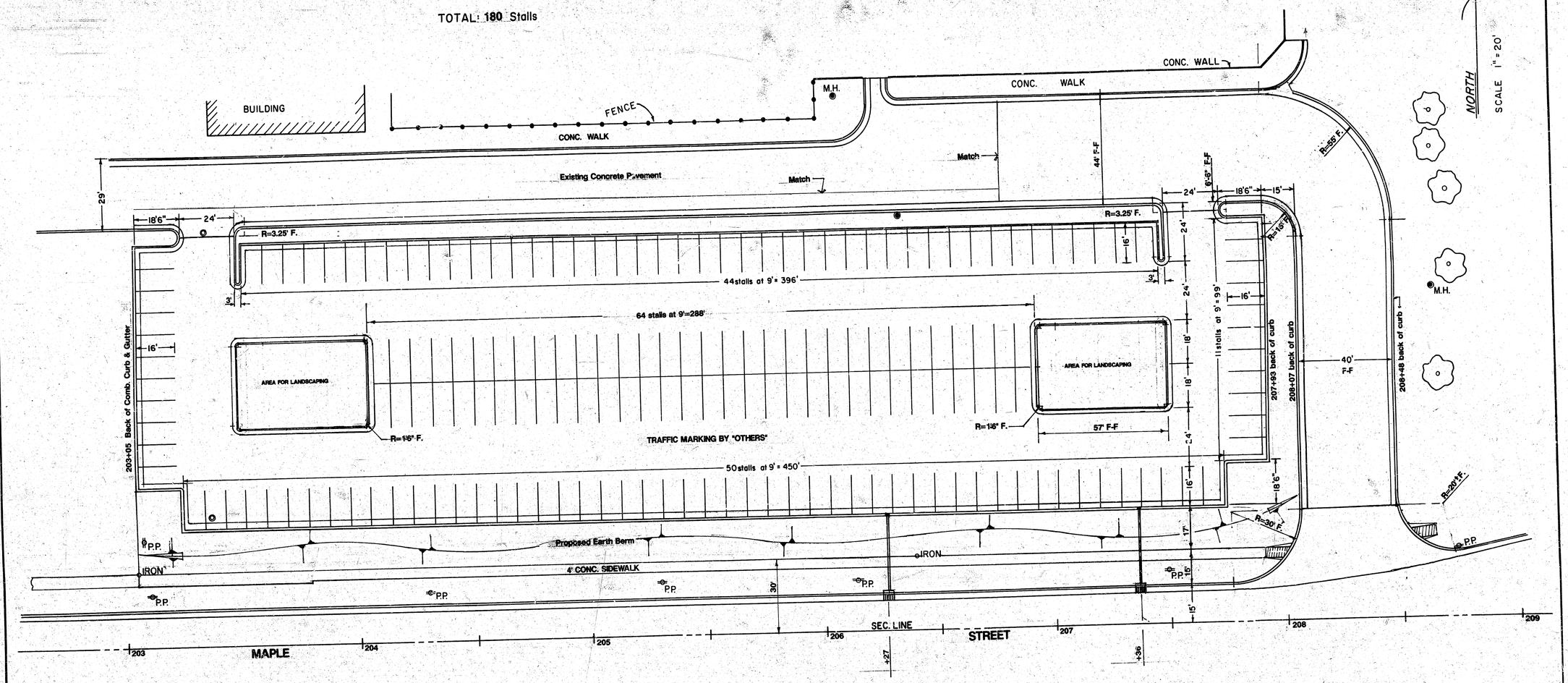
DONALD E. SCHRAGE LICENSED 6311 KANSAS PROFESSIONAL ENGINEER

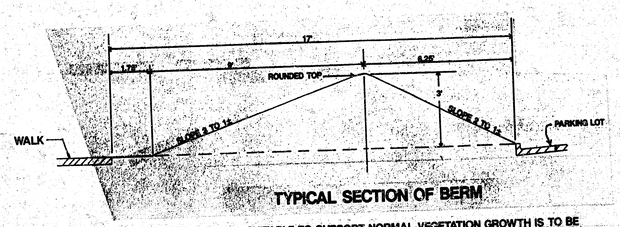
SCALE:	APPROVED BY	DRAWN BY
DATE:		
		DRAWING NUMBER

W.C. TABLEAU NATIONAL NO. 1853-24458

LAWRENCE-DUMONT STADIUM

TOTAL: 180 Stalls





TYPICAL SECTION OF BERM

EXCAVATED MATERIAL SUITABLE TO SUPPORT NORMAL VEGETATION GROWTH IS TO BE USED FOR BACKFILL IN PARKING AREAS AND THE CONSTRUCTION OF EARTH BERM.

NOTE: CONTRACTOR TO CONSTRUCT EARTH BERM AS INDICATED. BERM SHALL BE SERPENTINED AS INDICATED BY ALTERNATING SLOPES FROM 2:1 TO 3:1 AS SHOWN IN TYPICAL SECTION. BERM TO BE CONSTRUCTED OF EARTH SUITABLE TO SUPPORT VEGETATION.

PROJECT DESCRIPTION

PUBLIC PARKING LOT AT 400 W. MAPLE

INDEX NUMBER

79014-7

IRON IN THIMBLE - INTERSECTION MAPLE & SCYAMORE STA. 200+00

LAWRENCE-DUMONT STADIUM

B.M. 112.12 CITY OF WICHITA DISC. S.W. COR BRIDGE ARKANSAS RIVER AND MAPLE ST.
B.M. 103.58 "□" TOP CURB N.N.W. CURB RETURN, AT THE INTERSECTION OF LACLEDE ST. AND MAPLE ST.
B.M. 103.45 "□" TOP CURB N.N.W. CURB RETURN AT THE INTERSECTION OF SMYTH ST. AND MAPLE ST.

SCALE 1" = 20'

REMOVE 12½' COMB C & G. REPLACE AS SHOWN. EXTRA WIDTH TO BE POURED MONOLITHICALLY WITH ADJACENT COMB. C&G. SUBSIDIARY TO UNIT PRICE BID FOR L.F. ADJACENT COMBINED CURB & GUTTER (G5⅝")

DITCH GRADING TO BE CONSTRUCTED BY CITY OF WICHITA MAINTENANCE DEPT.

SAWED CONTRACTION JOINTS TO BE CONSISTENT WITH EXISTING JOINTS

CONST. 6" UN-REINF. CONC. PAVMT W/ COMB. CURB & GUTTER (G5⅝").

CONST. COMB CURB & GTR. (G5⅝")

SALVAGE EXIST'G 4' WK & REPAIR WHERE NECESSARY (4")

CONST. 4.00' WK. THRU OPENING (4")

CONST. 5.00' WIDE CONC. WALK THRU STREET OPNG (4").

CONST. COMB. CURB & GUTTER. (G5⅝")

REMOVE EXISTING 2'x2' INLET & CONST. STD. TYPE II CURB INLET OPENING 6" x 2'-3⅝" 6" DR 35 PVC IN 106.50 EXIST'G 10" CLAY PIPE CUT 106.20

SAW - REMOVE AND REPLACE A.C. SURFACE TO MATCH NEW CONSTRUCTION. 2' MAX. REMOVAL.

REMOVE EXISTING 2'x2' INLET & CONST. STD. TYPE II CURB INLET OPENING 6" x 2'-3⅝" 6" DR 35 PVC IN 106.50 EXIST'G 10" CLAY PIPE OUT 106.20

CONST. STD. WCR.

CONST. 6" UN-REINF CONC. PAVM'T W/ G5⅝ MONOLITHIC EDGE CURB.

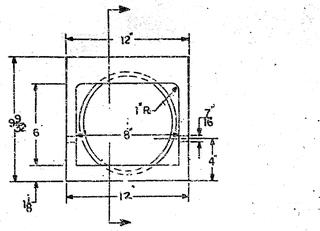
MAPLE STREET

SMYTH ST.

LACLEDE ST.

PROJECT DESCRIPTION
PUBLIC PARKING LOT AT 400 W. MAPLE

PROJECT NUMBER
790147



EST WT.-45#

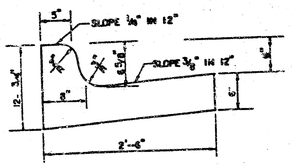
DEETER FOUNDRY, INC. 5945 NORTH 70th STREET LINCOLN, NEBRASKA 68507		
#2449-8 CURB (IN-FLOW)		
DATE: 4 JAN 90	DRAWN BY: RC	SCALE: NONE

NOTE: TRANSITION CURB HEIGHT TO ACCOMMODATE CURB CASTING. COST TO BE SUBSIDIARY TO BID PRICE FOR COMBINED CURB AND GUTTER.

STEEL CURB CASTING TO BE ANCHORED WITH 3/8" DIA. GALVANIZED BOLTS 2-1/2" IN LENGTH.

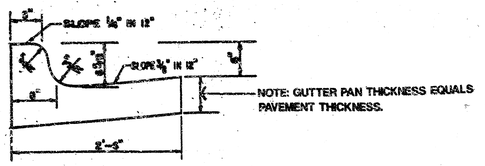
EXPOSED PORTIONS OF THE INTERIOR AND EXTERIOR OF THE STEEL CURB CASTING TO BE PAINTED WITH ONE COAT OF KEM KROMIK METAL PRIMER 910 SERIES AND ONE COAT OF GRAY S.W. INDUSTRIAL ENAMEL B54 SERIES OR EQUAL TO CLOSELY MATCH THE COLOR OF THE CONCRETE CURB. COST FOR PAINTING IS TO BE SUBSIDIARY TO BID PRICE FOR DEETER # 2449-8 curb casting each.

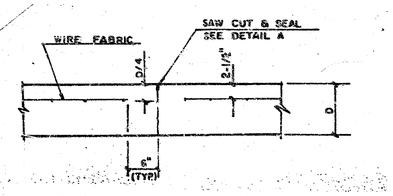
COMBINED CURB & GUTTER



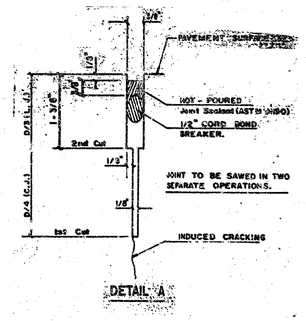
TYPICAL CURB & GUTTER SECTION FOR MAPLE STREET AND AREA ABUTTING 6" CONC. PAVMT.

COMBINED CURB & GUTTER

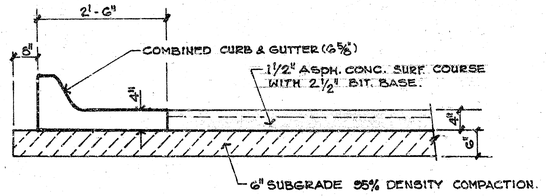




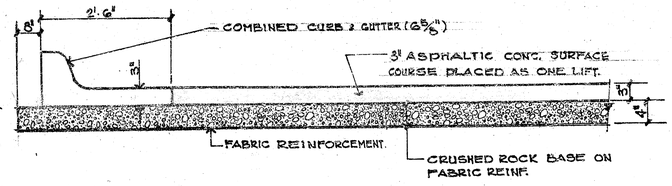
CONTRACTION JOINT DETAIL (C.J.)



DETAIL 'A'



TYPICAL SECTION ALTERNATE NO. 2



TYPICAL SECTION ALTERNATE NO. 1

FABRIC BASE REINFORCEMENT SHALL BE SERIES 6000 GEOGRID AS MANUFACTURED BY TENSAR CORPORATION OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURES RECOMMENDATIONS. CRUSHED ROCK SHALL BE UNIFORMLY GRADED AND CONFORM TO THE FOLLOWING GRADATION.

PER CENT OF AGGREGATE RETAINED	
1-1/2"	0
3/4"	15-40
#4	40-70
#40	74-92
#200	4-12

ROCK QUALITY SHALL BE THE SAME AS SPECIFIED FOR COARSE AGGREGATE FOR CONCRETE MIXES.

ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

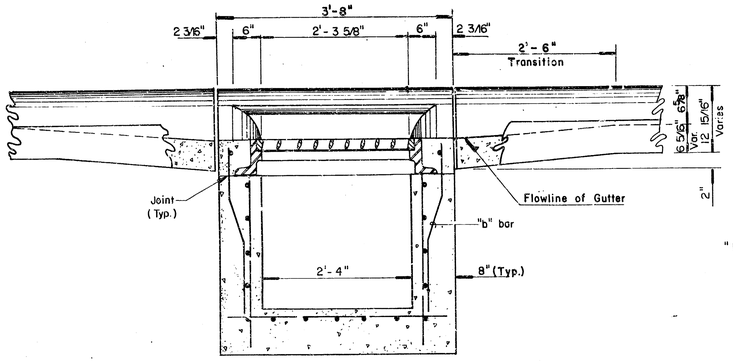
COMPACTED CRUSHED ROCK BASE WILL BE PAID FOR AT THE SQUARE YARD PRICE BID FOR THICKNESS

DETAILS

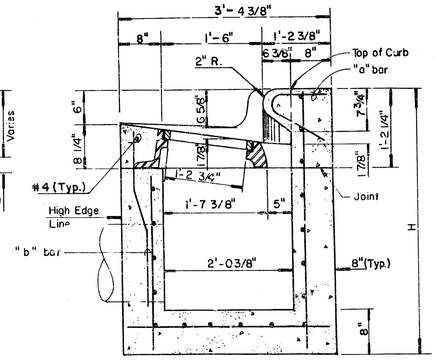
PROJECT DESCRIPTION

PUBLIC PARKING LOT AT 400 W. MAPLE

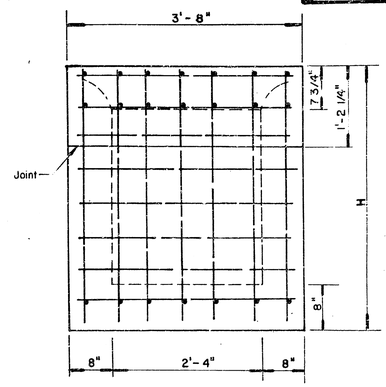
PROJECT NUMBER



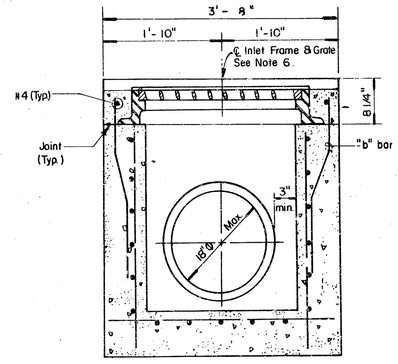
SECTION C-C



SECTION A-A



REAR WALL

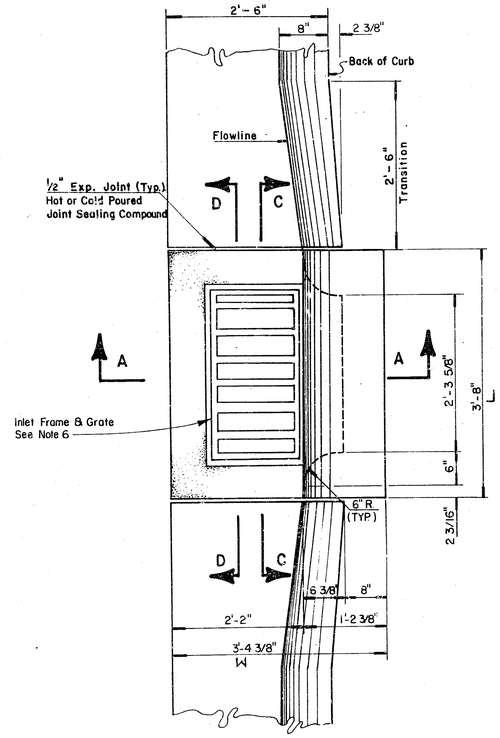


SECTION D-D

"b" bar

"a" bar

BENDING DIAGRAM



GENERAL NOTES:

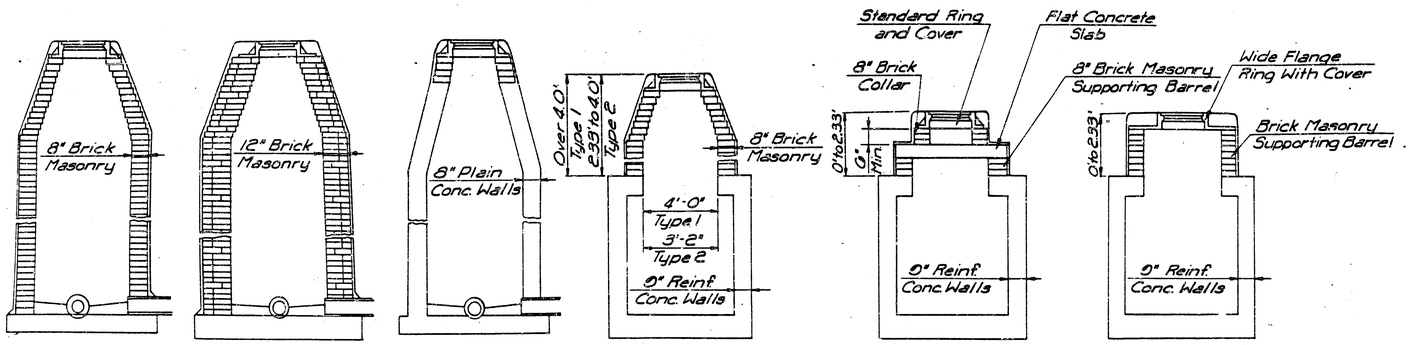
1. Use the concrete mix specified for the City of Wichita concrete pavement throughout. All exposed edges shall be finished with an edging tool. Reinforcing bars shall be bent around pipe.
2. Inlet invert shall be shaped with 8 sack mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipes.
3. All bars are #4 with 6" spacing and shall have a minimum clearance of 1½ inches unless otherwise noted on the plans.
4. When directed by the Engineer, a small opening may be required in the back of the inlet in order to drain a low area. Reinforcing bars will extend through the openings. No deductions in concrete quantities will be made for these openings.
5. No deductions will be made in pay length of curb, gutter, or curb and gutter through the inlet area.
6. Use Neenah R-3289 HV Single Inlet Frame and Grate or approved equal. Inlet frame to be proof load tested to 40,000 lbs on unsupported side.
7. Reinforcing bars shall be cut or bent around pipes. No deduction in concrete quantities shall be made for pipe openings.
8. The vanes of the grate shall be oriented with respect to the flow arrows shown on the plans.

DETAIL STANDARD TYPE II CURB INLET

CITY OF WICHITA, KANSAS

INLET OPENING = 6"x2'-3 5/8"

JANUARY, 1987



TYPE A
Single Wall Brick Masonry

TYPE B
Double Wall Brick Masonry

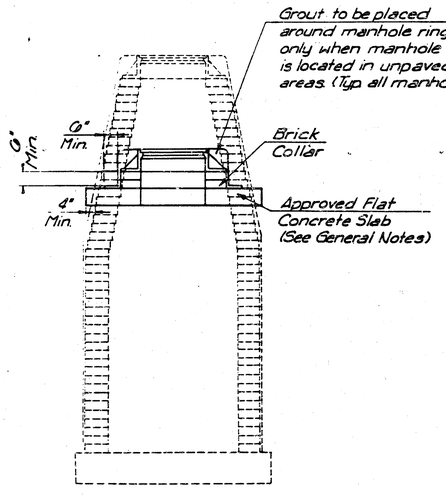
TYPE C & D
Cast in Place
(Type D is plastic lined & has brick draw)

TYPE 1 & 2
Reinforced Concrete

TYPE 3
Reinforced Concrete

TYPE 4
Reinforced Concrete
(Wide Flange Ring)

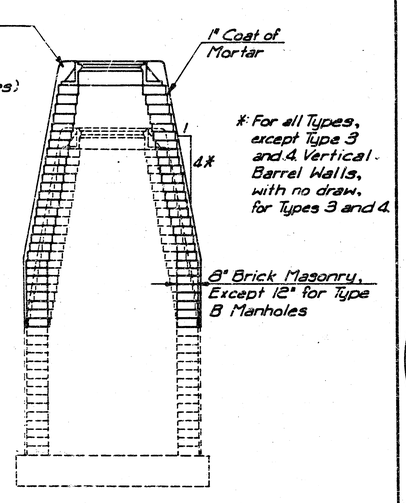
DEFINITION SKETCHES - CITY OF WICHITA STANDARD MANHOLES



DOWNWARD ADJUSTMENT
(GREATER THAN 12")
All Types

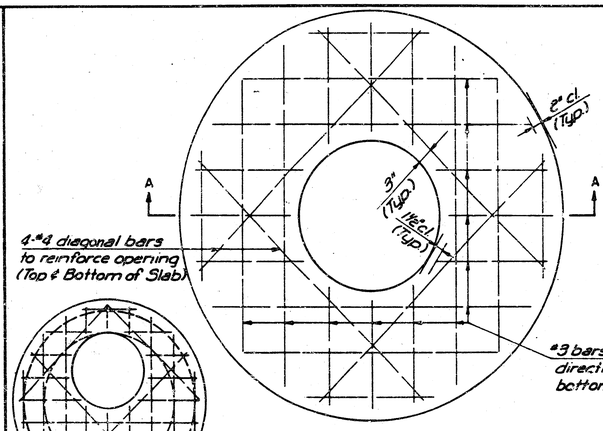
THE APPROPRIATE PORTIONS OF THE DRAW AND BARREL OF TYPE A, B, C, D, 1 AND 2 MANHOLES SHALL BE REMOVED. A FLAT CONCRETE SLAB SHALL BE PLACED AND THE RING AND COVER RESET. ALL WORK AND MATERIALS SHALL CONFORM TO THE DETAILS SHOWN AND THE GENERAL NOTES.

COURSES OF BRICK BARREL SUPPORTING THE WIDE FLANGE RING FOR TYPE 4 MANHOLES AND FLAT CONCRETE SLAB FOR TYPE 3 MANHOLES SHALL BE REMOVED AS NECESSARY PRIOR TO RESETTING THE WIDE FLANGE RING OR FLAT CONCRETE SLAB AND RING. ALL WORK AND MATERIALS SHALL CONFORM TO THE DETAILS SHOWN AND THE GENERAL NOTES.



UPWARD ADJUSTMENT
(GREATER THAN 12")
All Types

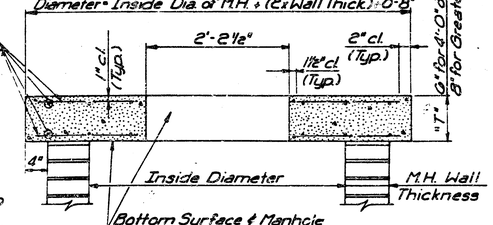
THE ENTIRE DRAW OF TYPES A, B, C, D, 1 AND 2 MANHOLES SHALL BE REMOVED. THE MANHOLE BARREL RAISED THE APPROPRIATE AMOUNT, A NEW DRAW CONSTRUCTED, AND THE RING AND COVER RESET. THE UPPER PORTION OF TYPE 3 MANHOLES SHALL BE REMOVED TO THE BOTTOM OF THE FLAT CONCRETE SLAB, THE BRICK MASONRY BARREL SUPPORTING THE SLAB SHALL BE RAISED THE APPROPRIATE AMOUNT, AND THE SLAB AND RING AND COVER RESET. THE WIDE FLANGE RING AND COVER OF TYPE 4 MANHOLES SHALL BE REMOVED, THE BRICK MASONRY BARREL SUPPORTING THE RING SHALL BE RAISED THE APPROPRIATE AMOUNT AND THE RING AND COVER RESET. ALL WORK REQUIRED FOR A GREATER THAN TWELVE INCH (12") UPWARD ADJUSTMENT OF ANY MANHOLE SHALL BE ACCOMPLISHED WITH BRICK MASONRY IN ACCORDANCE WITH THE DETAILS SHOWN AND THE GENERAL NOTES.



PLAN

* PLAN
ALTERNATE OPENING LOCATION

#3 bars @ 8" ctrs. both directions in top & bottom of slab.



SECTION A-A

*: To be used only if necessary to keep ring and cover from conflicting with curb or combined curb and gutter. Flat concrete slab shall be rotated on existing manhole to position ring and cover in pavement or behind curb.

FLAT CONCRETE SLAB DETAILS

MANHOLE ADJUSTMENT DETAILS

CITY OF WICHITA, KANSAS
M. E. LINDEBAK — CITY ENGINEER

Designed by		Checked by	
Drawn by		Date	JOB No.

LAWRENCE DUMONT STADIUM

NOTE: THIS SHEET PROVIDED AS INFORMATION ONLY. LANDSCAPE PLANTINGS SHOWN ON THIS SHEET WILL BE INSTALLED BY CITY PARK FORCES.

TOTAL: 180 STALLS

NORTH

SCALE 1" = 20'

BUILDING

FENCE

CONCRETE WALK

M.H.

CONCRETE WALL

CONCRETE WALK

CONCRETE WALL

Morus Sp.
Mulberry

Maclura Pomifera
Osage - Orange

Ulmus Pumila
Siberian Elm

Ulmus Americana
American Elm

M.H.

Morus Sp.
Mulberry

29'

18'6" 24'

Buffalo/Bermuda mixed grass

M.H.

24' 18'6" 15'

16'

3'

44 STALLS AT 9' = 396'

3'

24'

18'

11 STALLS AT 9' = 99'

16'

40'

Pyrus Calleryana 'Cleveland'
Pear

STATUE

15'

Spiraea X Vanhouttei
Vanhoutte Spirea

Quercus Macrocarpa
Bur Oak

Spiraea X Vanhouttei
Vanhoutte Spirea

Platanus X Acerifolia
London Plane

203 + 05 BACK OF CONCRETE CURB & GUTTER

Buffalo/Bermuda mixed grass

Buffalo/Bermuda mixed grass

Rhus Glabra
Smooth Sumac

Quercus Macrocarpa
Bur Oak

Pinus Cembroides
Pinyon Pine

Rhus Glabra
Smooth Sumac

TOP OF BERM
300' Radius

50 STALLS AT 9' = 450'

Pinus Cembroides
Pinyon Pine

Pinus Sylvestris
Scotch Pine

Malus Sp.
Crabapple

IRON

IRON

Ulmus Parvifolia
Lacebark Elm

Ulmus Parvifolia
Lacebark Elm

Cotinus Coggygria 'Daydream'
Smoke Tree

P.P.

P.P.

P.P.

P.P.

P.P.

P.P.

Pinus Cembroides
Pinyon Pine

Acer Ginnala
Amur Maple

Buffalo/Bermuda mixed grass

Pinus Sylvestris
Scotch Pine

Pinus Cembroides
Pinyon Pine

Acer Ginnala
Amur Maple

Pinus Sylvestris
Scotch Pine

203

MAPLE

204

SECTION LINE

205

206

STREET

207

208

209

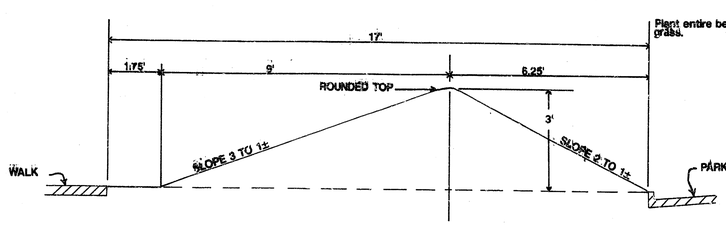
Cotinus Coggygria 'Daydream'
Smoke Tree

Cotinus Coggygria 'Daydream'
Smoke Tree

Cotinus Coggygria 'Daydream'
Smoke Tree

SMYTH

LACLEDE



TYPICAL SECTION OF BERM

DESCRIPTION
PUBLIC PARKING LOT AT 400 W. MAPLE

SCALE: 1" = 20'	APPROVED BY	DRAWN BY
DATE: JUNE '91		KD, SC, JKB

CITY OF WICHITA

DRAWING NUMBER 13302

TELEDYNE NATIONAL NO. 1934-24328