PIATT AVE. MINI PARK

PLANS FOR

STORM DRAIN

APRIL 1973

BOARD OF PARK COMMISSIONERS

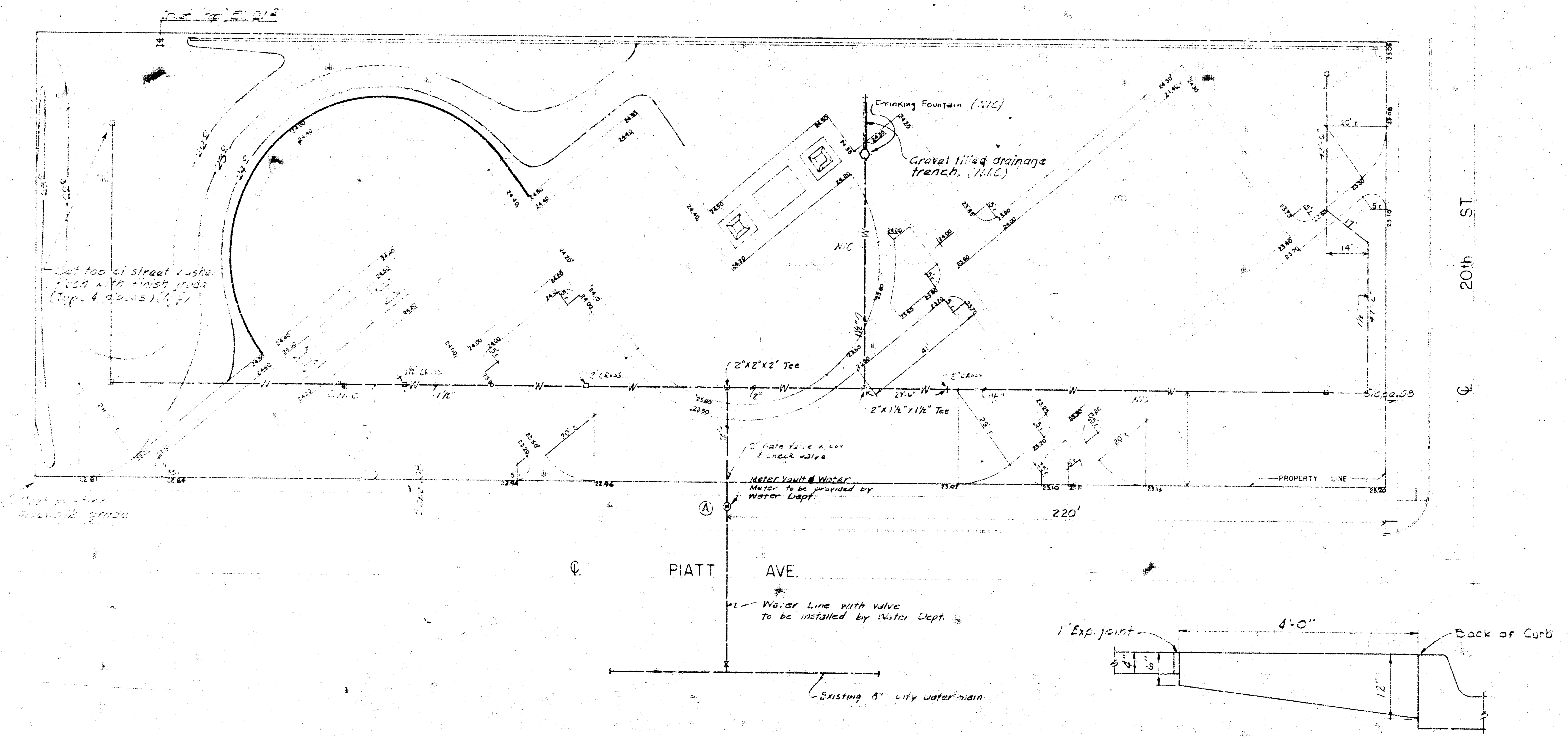
CITY OF WICHITA, KANSAS

APPROVED

DIRECTOR

PARK BOARD ENGINEER

THEODORE R. FESKE
3775


Inlet Top El. 21.8
Drinking Fountain (N.I.C.)
Gravel filled drainage trench. (N.I.C.)
Set top of street washer flush with finish grade (Typ. 4 places) (N.I.C.)
Match existing sidewalk grade
2"X2"X2" Tee
2"X1½"X1½" Tee
1½" Cross
2" Cross
2" Gate Valve w/box & check valve
Meter Vault & Water Meter to be provided by Water Dept.
A
220'
PROPERTY LINE
PIATT AVE.
20th ST
Water Line with valve to be installed by Water Dept.
Existing 8" city water main
N.I.C.
1" Exp. joint
4'-0"
Back of Curb
12"
6"
4"

STANDARD SECT. AT INTERSECTION
NO SCALE

LEGEND

- ⊕ Street Washer
- —W— Water Line
- ⊛ Water Meter (provided by Water Dept.)
- ○ Drinking Fountain

GENERAL NOTE:

Ⓑ Installation of:
Irrigation system, water lines, street washers, meter vault, water meter and drinking fountain to be done by others.

DATE	BY	REMARKS
8-22-72	R.P.	AS CONST. WATER LINES
7-12-72	T.F.	Ⓑ WATER LINES (N.I.C.)
7-11-72	T.F.	Ⓐ WATER METER VAULT

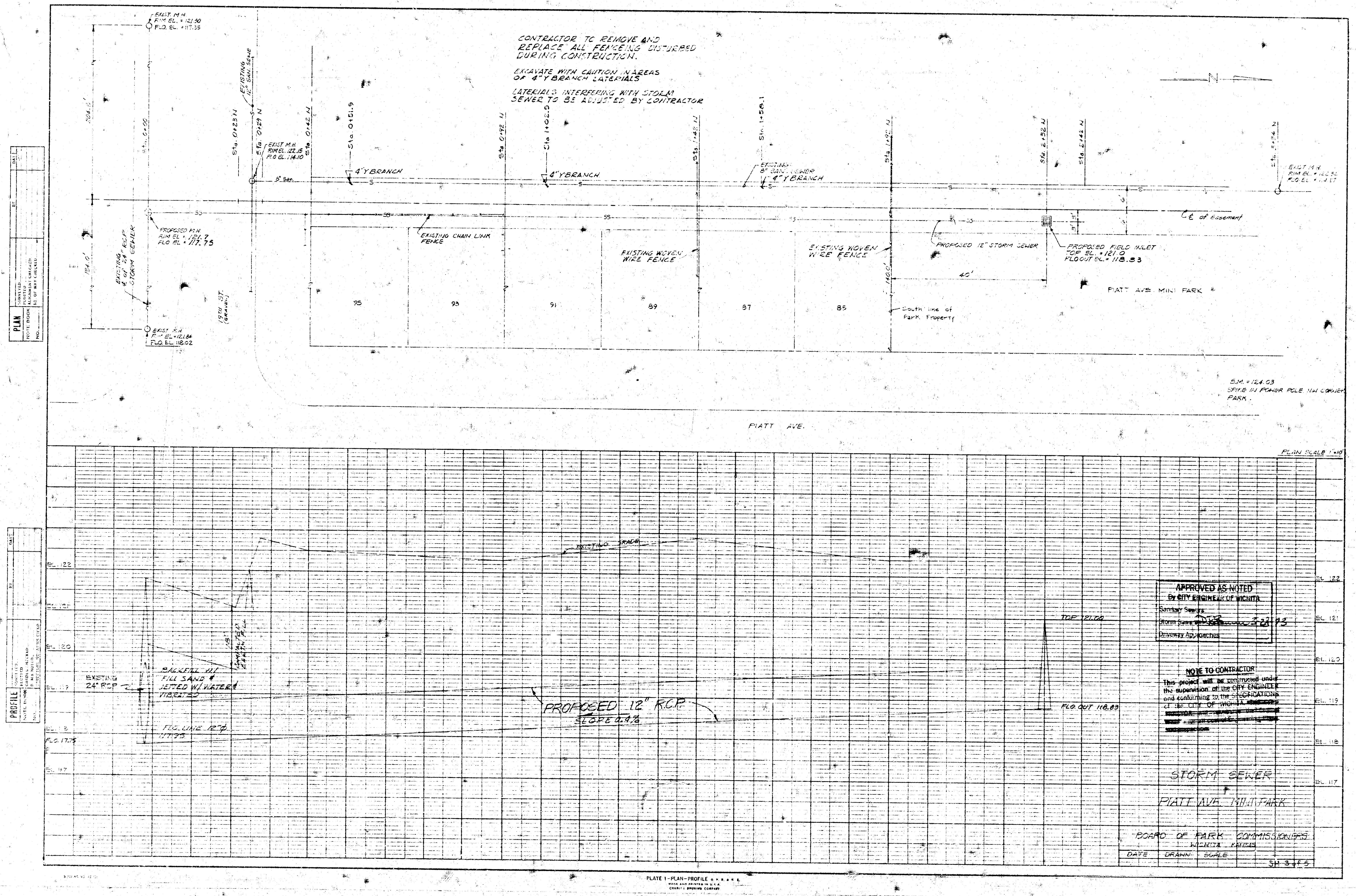
REVISION

GRADES & UTILITY PLAN

PIATT AVE. MINI PARK

BOARD OF PARK COMMISSIONERS
WICHITA, KANSAS

DATE	DRAWN	SCALE	
5-3-71	R.L.P.	1"=20'	SH 2 of 5


EXIST. M.H.
RIM EL. = 121.30
FLO. EL. = 117.35
204.8'
Sta. 0+00
Sta. 0+23 N
EXISTING 12" SAN. SEWE
Sta. 0+29 N
EXIST. M.H.
RIM EL. 122.15
FLO EL. 114.10
Sta. 0+42 N
8" San.
Sta. 0+51.9
4" Y BRANCH
Sta 0+92 N
Sta 1+02.9
4" Y BRANCH
Sta. 1+42 N
Sta. 1+58.1
EXISTING 8" SAN. SEWER
4" Y BRANCH
Sta. 1+92 N
Sta. 2+32 N
Sta. 2+42 N
Sta. 3+34 N
EXIST. M.H.
RIM EL. = 122.32
FLO. EL. = 114.27
N
PROPOSED M.H.
RIM EL = 121.7
FLO EL = 117.75
EXISTING ℄ OF 24" R.C.P. STORM SEWER
134.0'
EXIST. M.H.
RIM EL = 121.84
FLO. EL. 118.02
19TH ST. (GRAVEL)
EXISTING CHAIN LINK FENCE
EXISTING WOVEN WIRE FENCE
EXISTING WOVEN WIRE FENCE
PROPOSED 12" STORM SEWER
PROPOSED FIELD INLET
TOP EL. = 121.0
FLO OUT EL. = 118.83
℄ of Easement
6'
3'
40'
140.0'
95
93
91
89
87
85
South line of Park Property
PIATT AVE. MINI PARK
S.M. = 124.03
SPIKE IN POWER POLE NW CORNER PARK.
PIATT AVE.
PLAN SCALE 1" = 10'
PLAN
PROFILE
EXISTING GRADE
EL. 122
EL. 121
EL. 120
EL. 119
EL. 118
EL. 117
FLO. 117.75
EXISTING 24" RCP
BACKFILL W/ FILL SAND & JETTED W/ WATER & VIBRATED
COMPACTED EARTH FILL
FLO. LINE 12" ⌀ 117.75
PROPOSED 12" R.C.P.
SLOPE 0.4%
TOP 121.00
FLO. OUT 118.83

CONTRACTOR TO REMOVE AND REPLACE ALL FENCEING DISTURBED DURING CONSTRUCTION.

EXCAVATE WITH CAUTION IN AREAS OF 4" Y BRANCH LATERIALS

LATERIALS INTERFERING WITH STORM SEWER TO BE ADJUSTED BY CONTRACTOR

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers
Storm Sewers DR 3-22-93
Driveway Approaches

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. ~~[illegible]~~

STORM SEWER

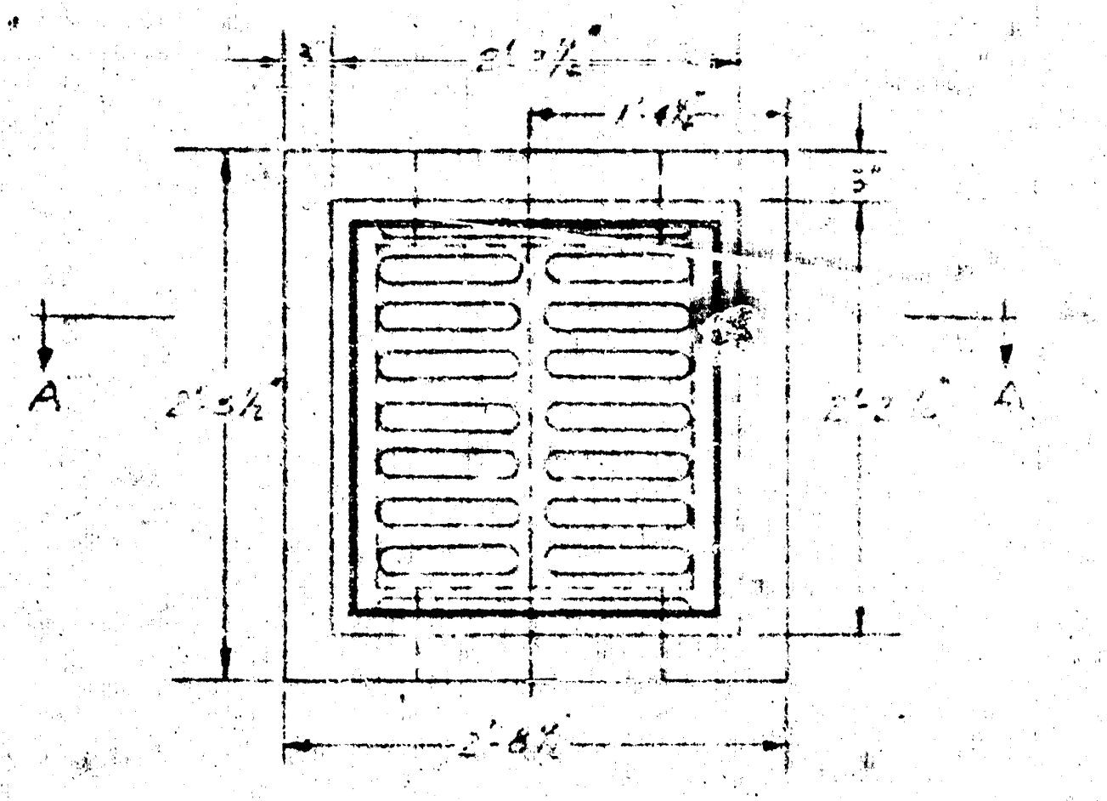
PIATT AVE. MINI PARK

BOARD OF PARK COMMISSIONERS
WICHITA KANSAS

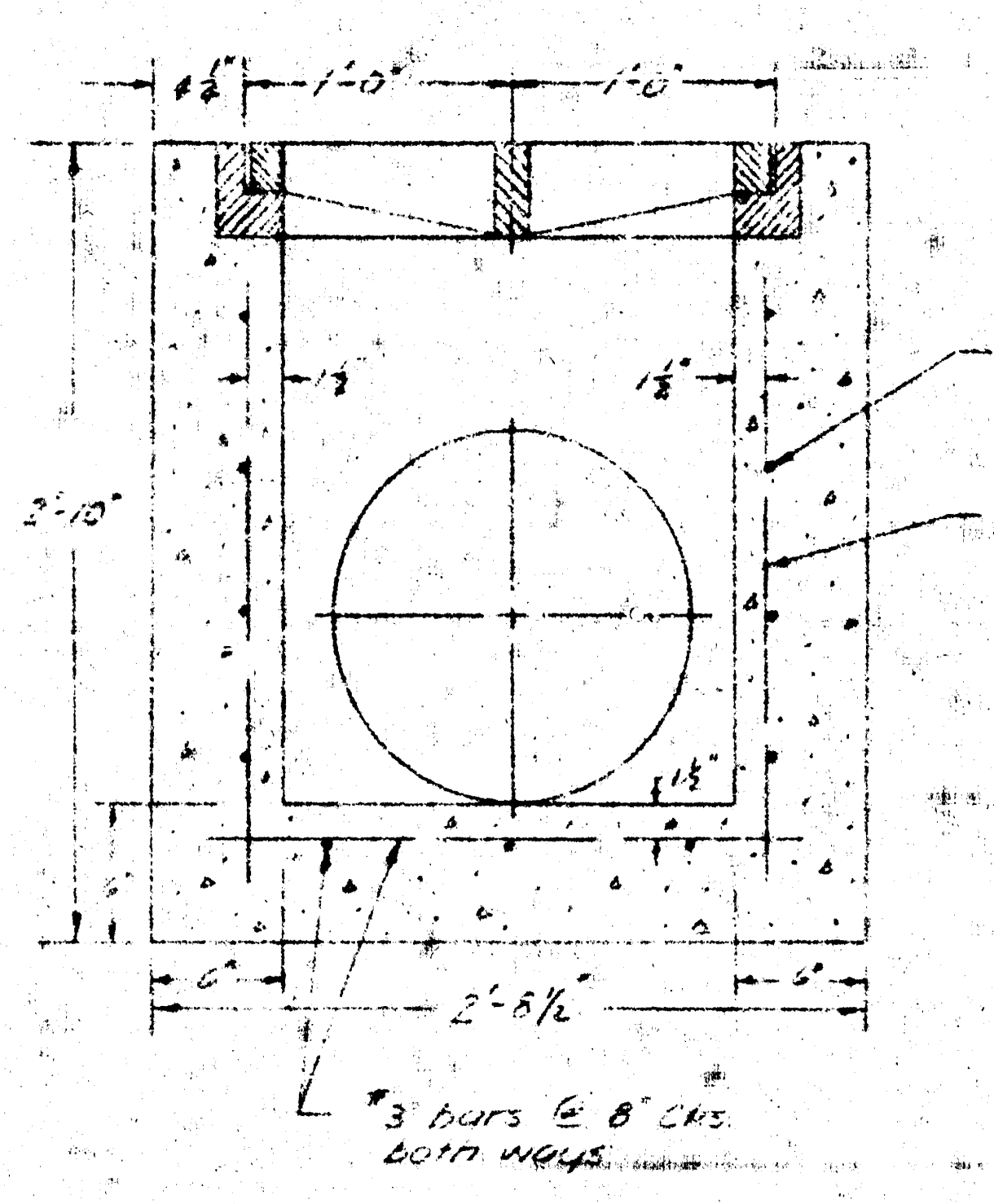
DATE DRAWN SCALE

SH. 3 of 5

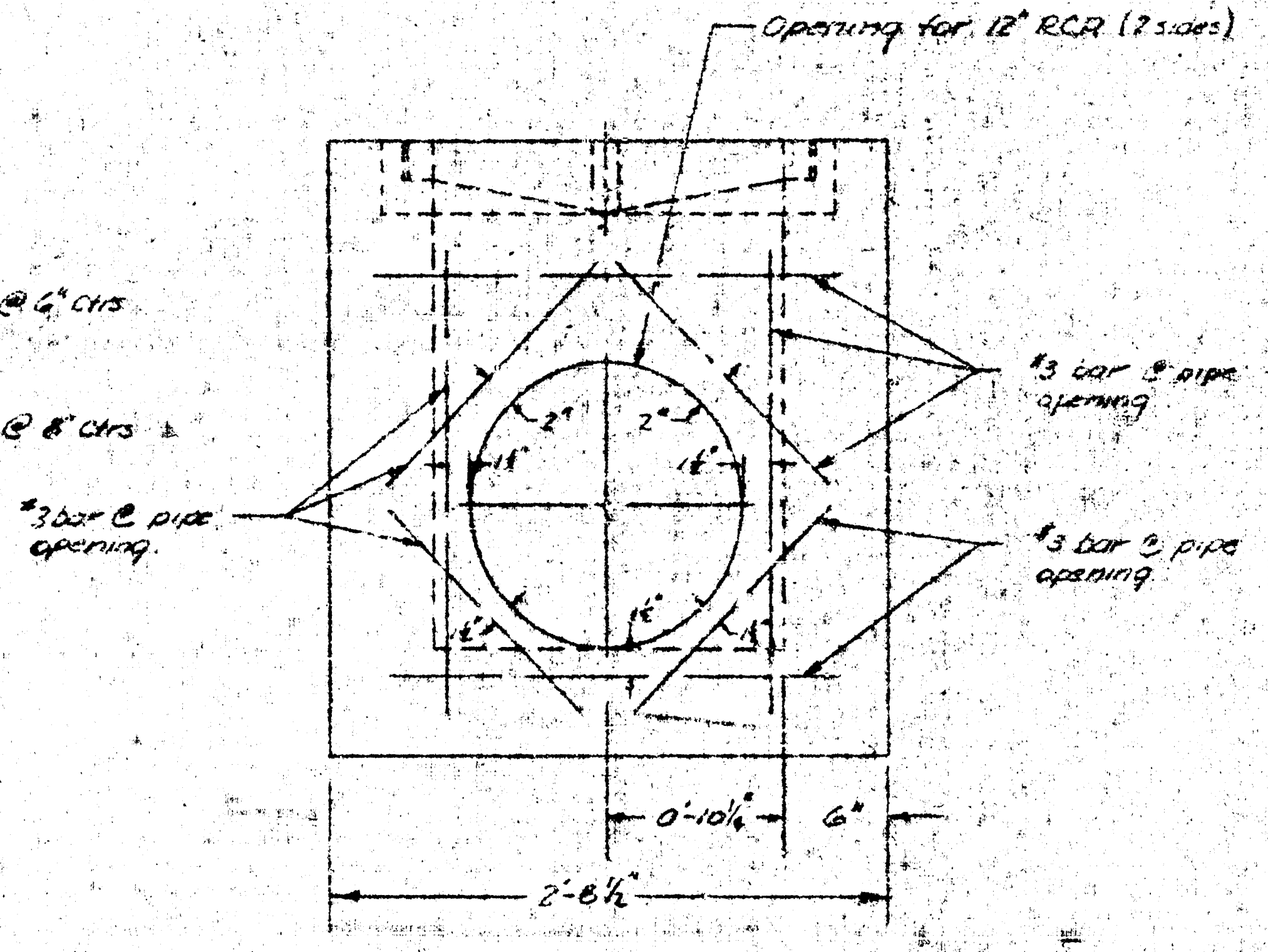
PLATE 1—PLAN—PROFILE


3"
2'-7½"
1'-4¼"
3"
A
A
2'-5½"
2'-2½"
2'-8½"

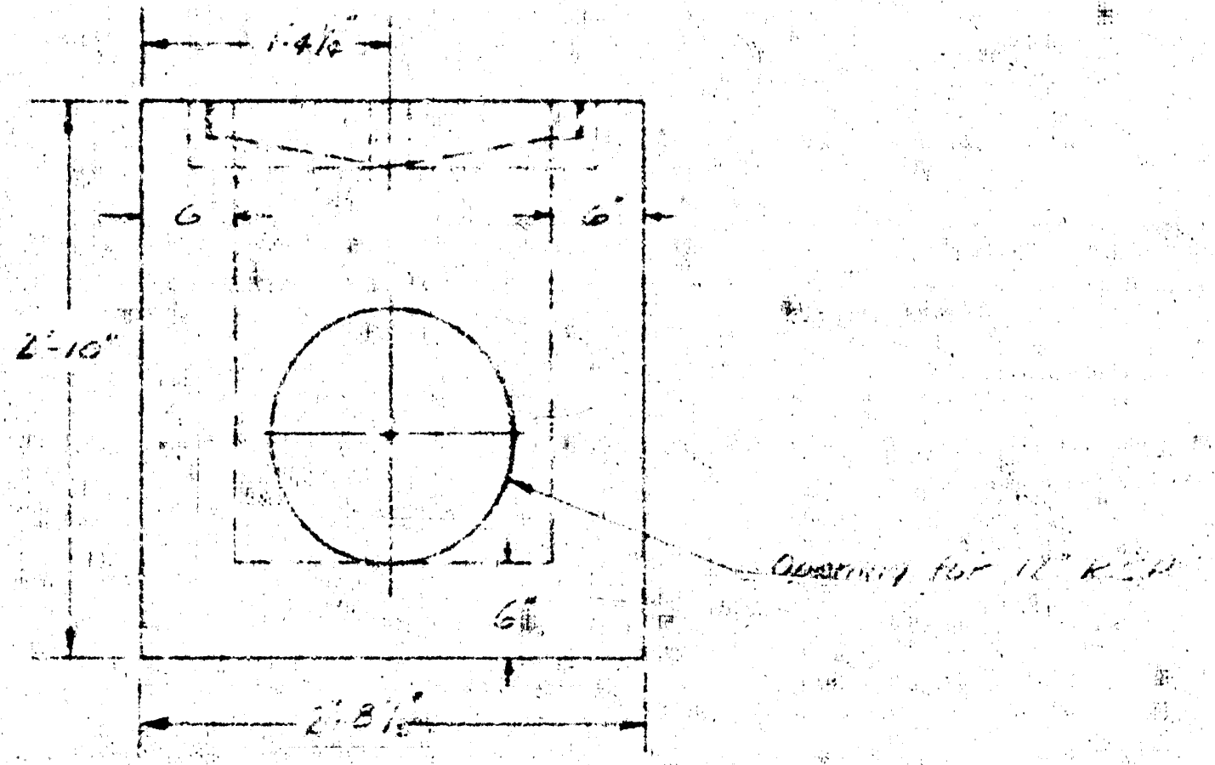
PLAN VIEW
Scale: 1" = 1'-0"


4½"
1'-0"
1'-0"
2'-10"
1½"
1½"
#3 bars @ 6" ctrs 2 sides
#3 bars @ 8" ctrs 2 sides
1½"
6"
6"
2'-8½"
6"
#3 bars @ 8" ctrs both ways

SECTION A-A
Scale: 1½" = 1'-0"


Opening for 12" RCP (2 sides)
#3 bar @ pipe opening
#3 bar @ pipe opening
#3 bar @ pipe opening
2"
2"
1½"
1½"
1½"
1½"
1½"
0'-10¼"
6"
2'-8½"

WALL SECTION AT PIPE OPENING
Scale: 1½" = 1'-0"


1'-4¼"
6
6"
2'-10"
Opening for 12" RCP
6"
2'-8½"

SIDE VIEW
Scale: 1" = 1'-0"

NOTE: Chamfer all exposed edges with a ¼" bevel or radius.
All walls and floor 6" concrete.
Cast iron grate and frame to be part No. 400 G / 400 LF as manufactured by Western Iron and Foundry Co. of Wichita, Kansas, or equivalent.
Slope bottom for proper drainage to outlet.

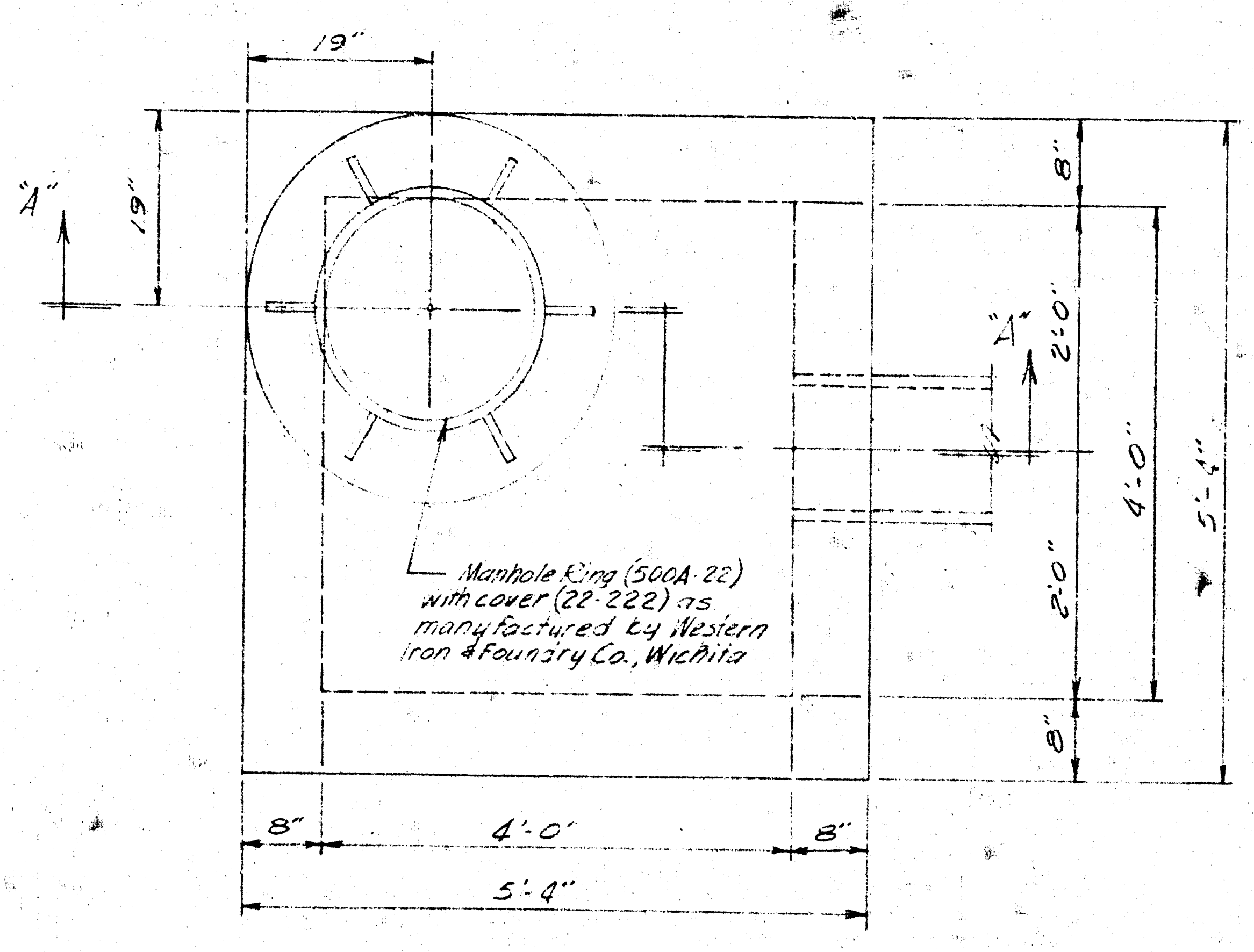
APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers
Storm Sewer
Driveway Approaches
3-4-75

FIELD INLET

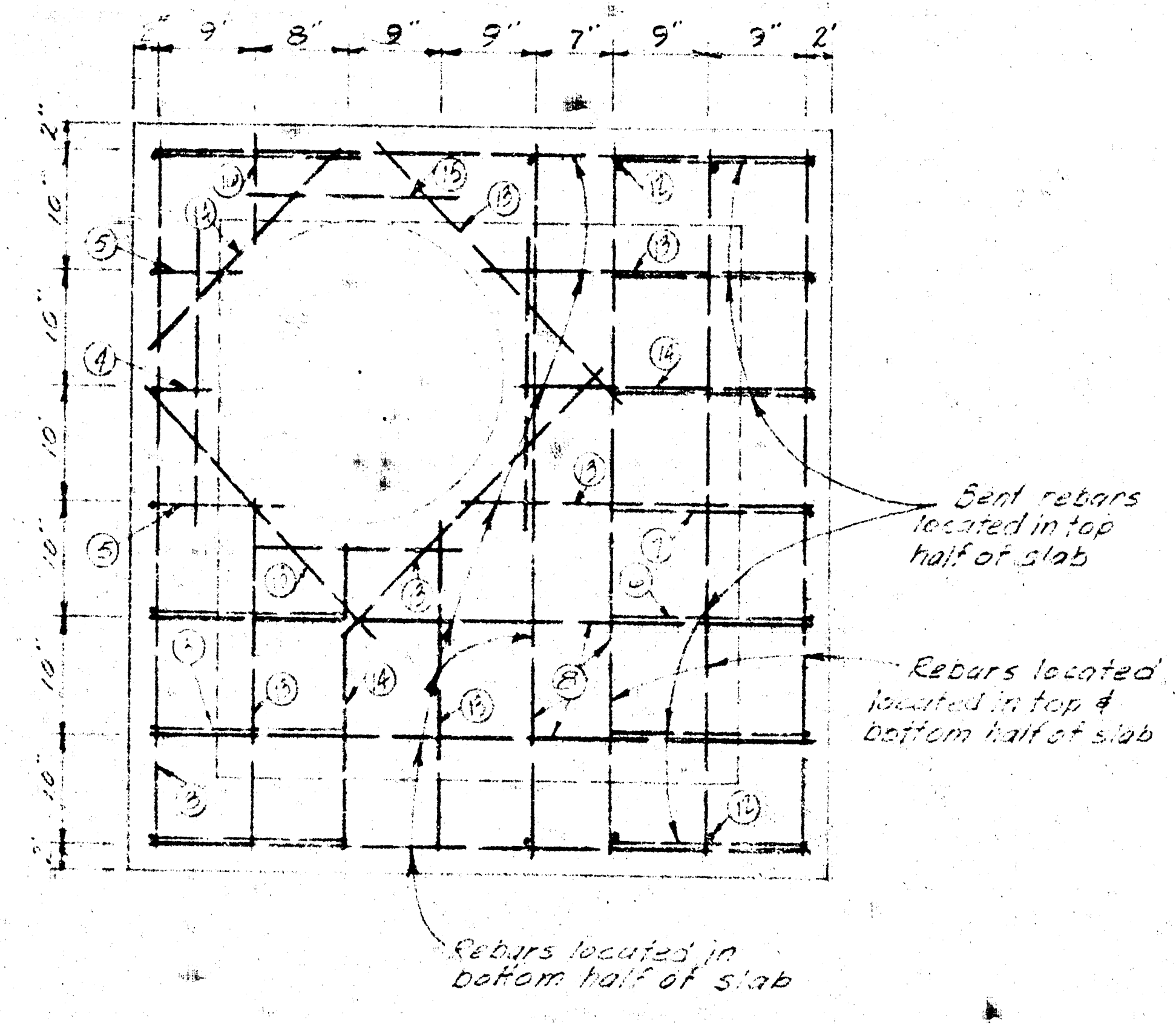
PIATT AVE. MINI PARK

BOARD OF PARK COMMISSIONERS
WICHITA, KANSAS

DATE	DRAWN	SCALE	
	D.Z.S.	Noted	SHEET 4 of 5


19"
"A"
19"
8"
2'-0"
4'-0"
5'-4"
2'-0"
8"
"A"
Manhole Ring (500A-22) with cover (22-222) as manyfactured by Western Iron & Foundry Co., Wichita
8"
4'-0"
8"
5'-4"

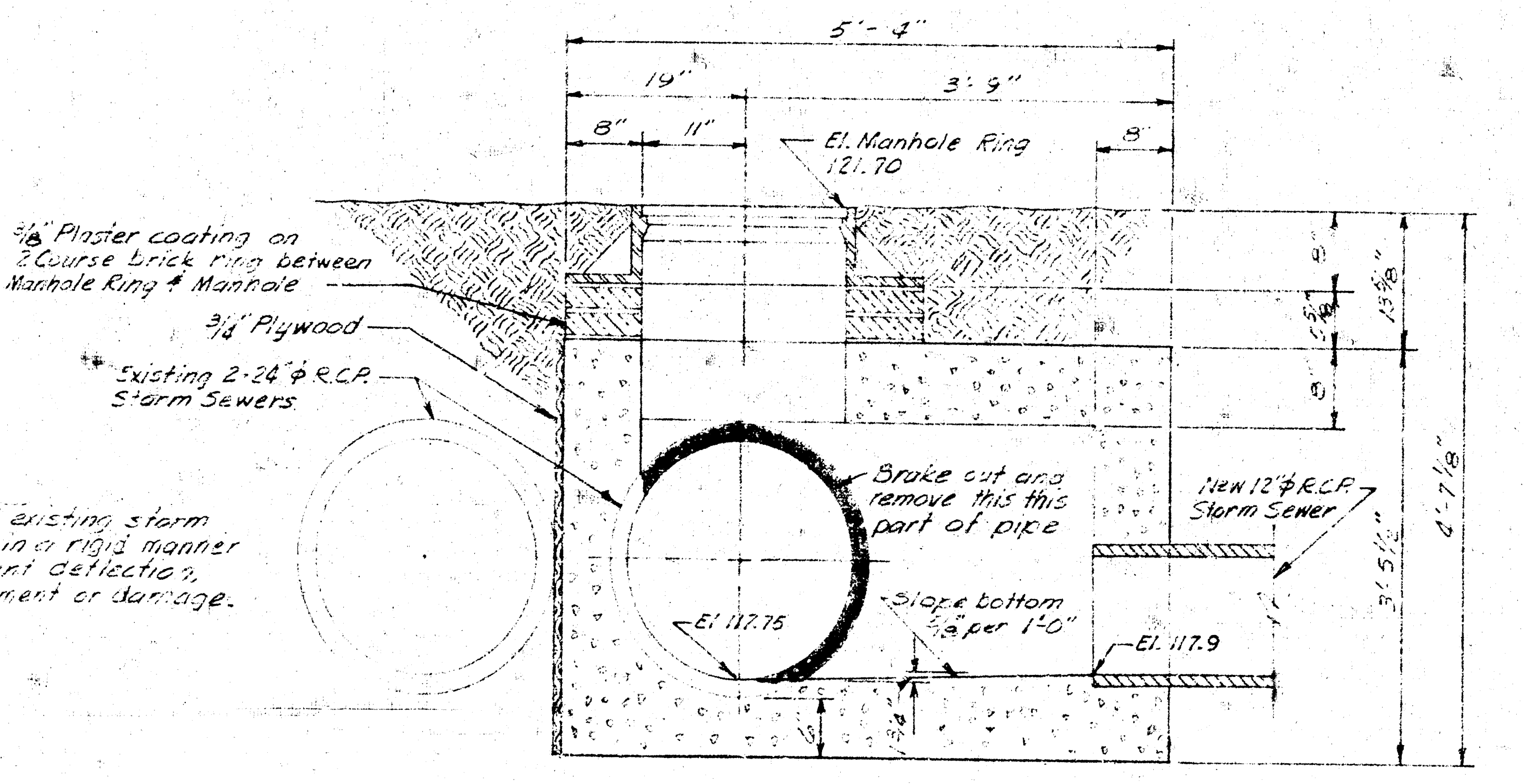
PLAN VIEW
Scale 1"=1'-0"


2" 9" 8" 9" 9" 7" 9" 9" 2"
2" 10" 10" 10" 10" 10" 10"
Bent rebars located in top half of slab
Rebars located located in top & bottom half of slab
Rebars located in bottom half of slab
⑤
④
⑤
③
⑩
⑭
⑮
⑬
⑫
⑬
⑭
⑬
⑦
⑥
⑧
⑬
⑭
⑮
⑫

TOP SLAB

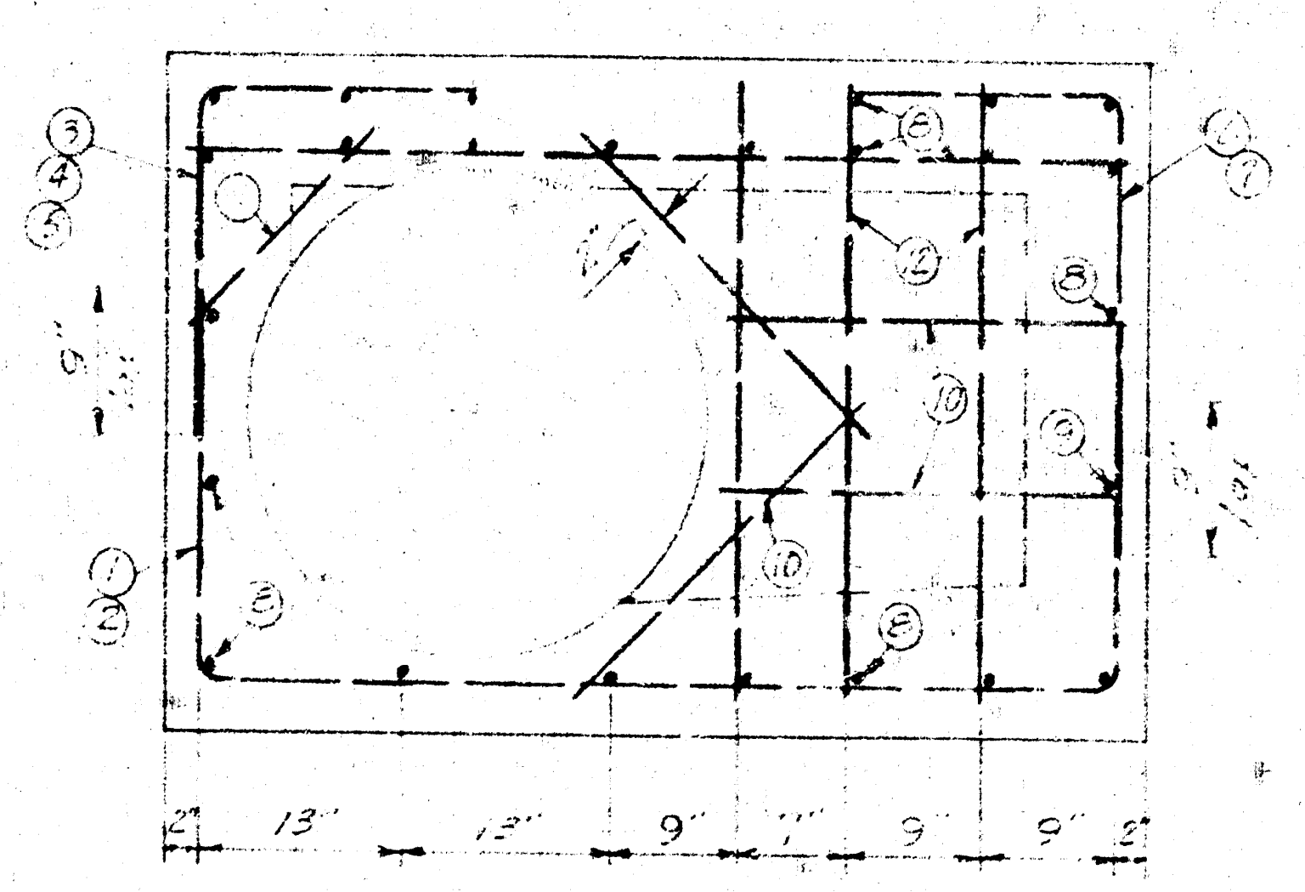
REBAR SCHEDULE

No.	Size	Quanity	Shape	Location
1	#4	6	2'-0" 5'-0" 1'-6"	Bottom Slab
2	#4	1	2'-0" 5'-0" 4"	Bottom Slab
3	#4	4	1'-9" 1'-6"	Lt. wall & top slab
4	#4	2	1'-9" 1'-6"	Lt. wall & top slab
5	#4	1	1'-9" 1'-6"	Lt. wall & top slab
6	#4	6	1'-6" 2'-4	Rt. wall & top slab
7	#4	1	1'-2" 1'-3"	Rt. wall & top slab
8	#4	23	Straight 5'-2"	(5) Bottom (5) Left wall (9) Top slab (4) Right wall
9	#4	6	Straight 1'-9"	Right wall
10	#4	8	Straight 2'-2"	2 End walls
11	#4	2	Straight 1'-6"	2 End walls
12	#4	6	Straight 3'-2"	2 End walls
13	#4	7	Straight 2'-6"	Top slab
14	#4	3	Straight 2'-3"	Top slab
15	#4	4	Straight 1'-6"	Top slab
16	#4	1	Straight 9"	Top Slab

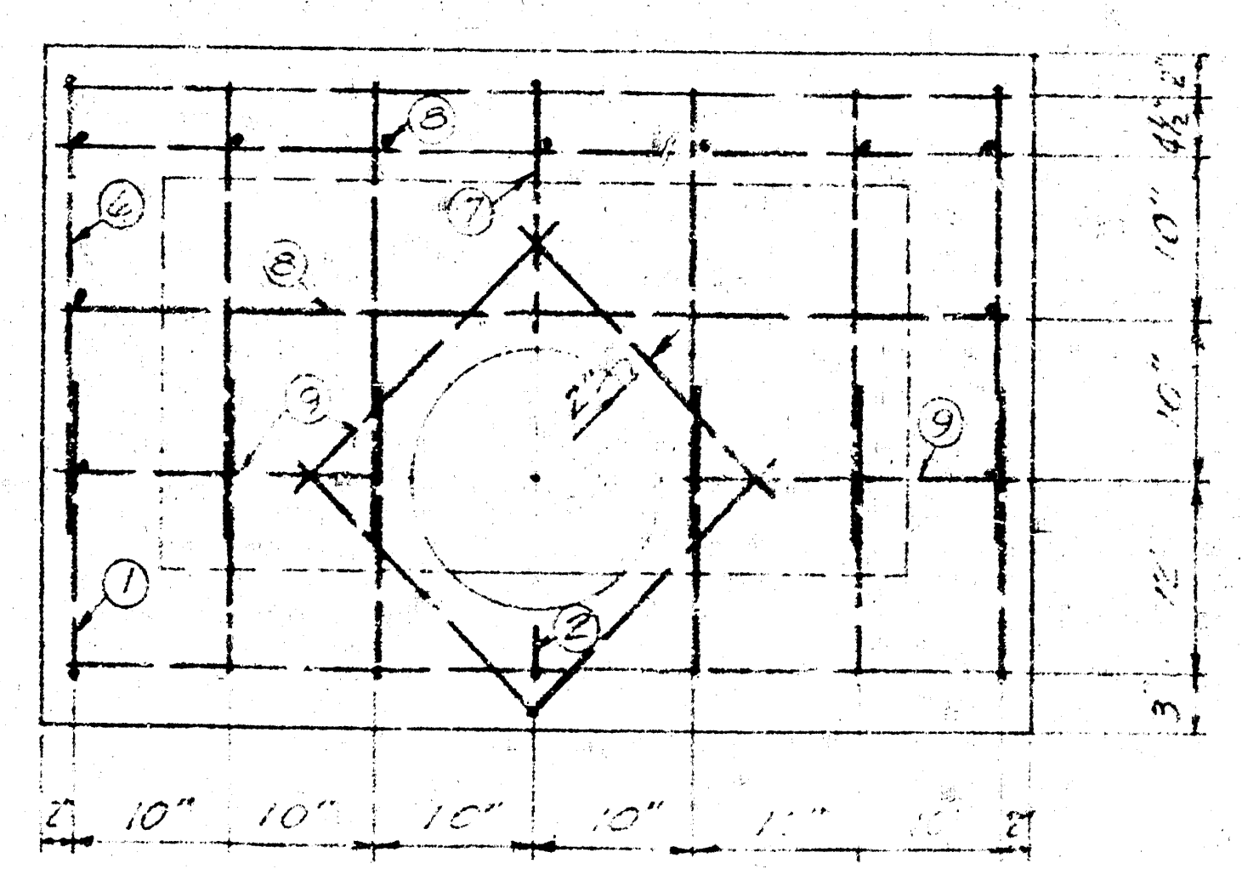

5'-4"
19"
3'-9"
8"
11"
8"
El. Manhole Ring 121.70
3/8" Plaster coating on 2 Course brick ring between Manhole Ring & Manhole
3/4" Plywood
Existing 2-24"φ R.C.P. Storm Sewers
Brake out and remove this this part of pipe
New 12"φ R.C.P. Storm Sewer
Slope bottom 1/8" per 1'-0"
El. 117.75
El. 117.9
13 5/8"
4'-7 1/8"
3'-5 1/2"

NOTE:
Support existing storm sewers in a rigid manner to prevent deflection, misalignment or damage.

SECTION AA
Scale 1"=1'-0"


③
④
⑤
①
②
⑧
⑫
⑩
⑥
⑦
⑧
⑨
⑩
⑧
9"
2" 13" 13" 9" 7" 9" 9" 2"

END WALLS (2)


⑥
⑧
⑦
⑧
⑨
⑨
①
②
4 1/2"
10"
10"
12"
3
2" 10" 10" 10" 10" 11" 10" 2"

SIDE WALLS

REINFORCEMENT DETAILS
Scale 1"=1'-0"

Notes:
1. R.C.P. sewer line omitted for clearness.

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers
Storm Sewers DRB 3-28-73
Driveway Approaches

REINFORCED CONCRETE MANHOLE

PIATT AVE. MINI-PARK

BOARD OF PARK COMMISSIONERS

Date	Drawn By	Scale	
3-27-73	T.C.F.	Noted	SH 5 of 5

14 2 1 (1)