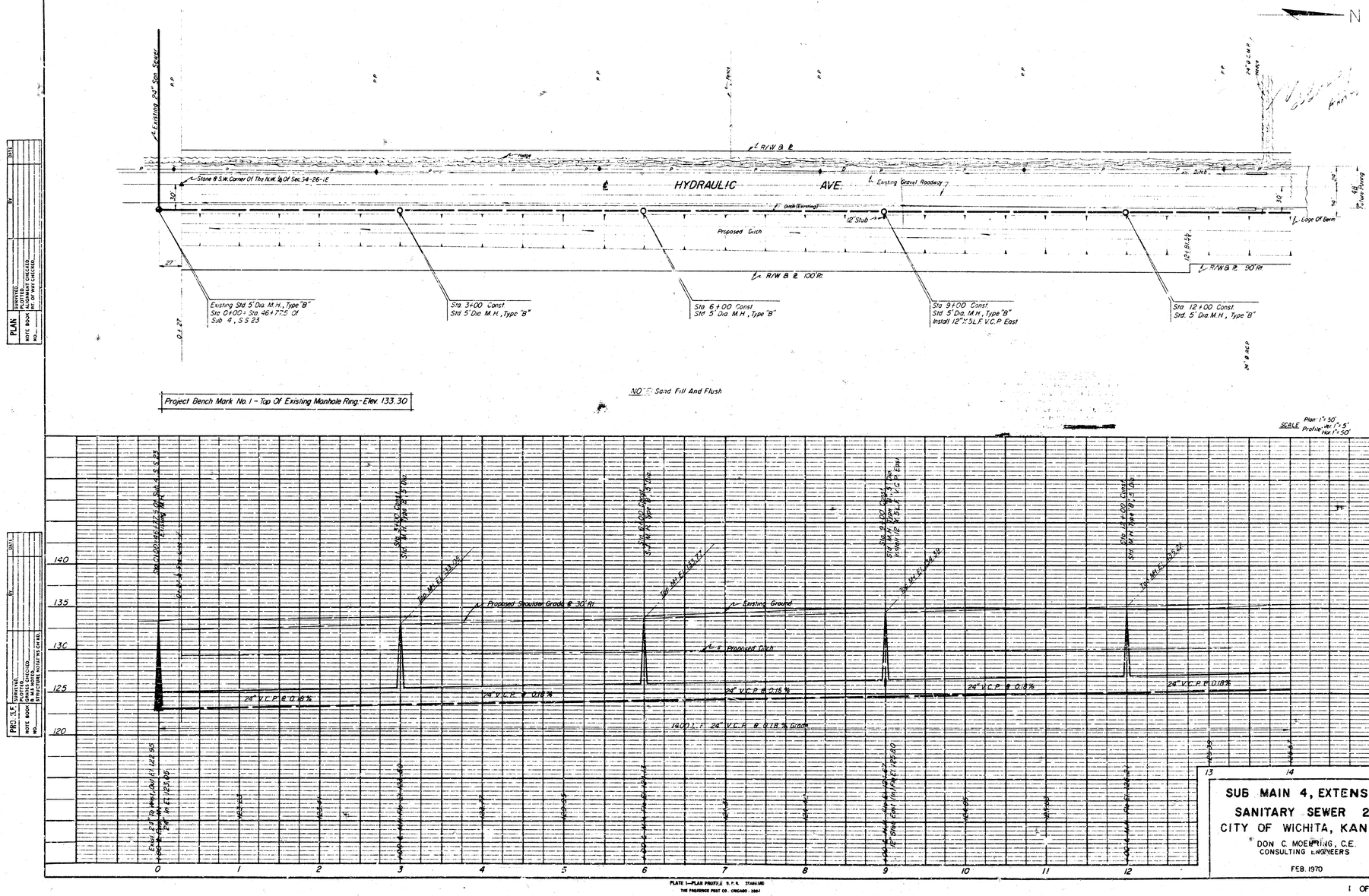


PLAN	DATE
SUBMITTED	BY
PLOTTED	
NOTE BOOK CHECKED	
No.	AS BUILT CHECKED

PRO. 'L.F.	DATE
SUBMITTED	BY
PLOTTED	
NOTE BOOK CHECKED	
No.	AS BUILT NOTED, NOT TO BE CHKD.

SUB MAIN 4, EXTENSION
SANITARY SEWER 23
CITY OF WICHITA, KANSAS

DON C. MOEHRING, C.E.
CONSULTING ENGINEERS

FEB. 1970

PLATE 1—PLAN PROFILE S.P.R. STANDARD
THE FRED'K PRIST CO. CHICAGO - 1964

PLAN — SUBMITTED — PLOTTED — FIELD CHECKED — NOTE BOOK — ALIGNMENT CHECKED — NO. — R.O.W. PLOTTED & CHKD. — DATE

PROFILE — SUBMITTED — PLOTTED — FIELD CHECKED — NOTE BOOK — B.M.'S NOTED — NO. — STRUCTURES ADJUSTED & CHKD. — BY — DATE

N

Existing Asphalt Surface

ST.

R/W @ E

Hedge

48' Turning Paving

Edge Of Berm

Existing Gravel Roadway

HYDRAULIC AVE.

Ditch

Proposed Ditch

R/W @ E 90' Rt

Sta. 15+00 Const. Std. MH Type "B", 5' Dia.

Sta. 18+00 Const. Std. MH Type "B", 5' Dia.

Sta. 21+00 Const. Std. MH Type "B", 5' Dia.

Sta. 24+00 Const. Std. MH Type "B", 5' Dia.

Sta. 26+54.55 Const. Std. MH Type "B", 5' Dia.

Stone @ Thimble @ N.W. Cor. Of Sec. 24 T. 26 S., R. 1 E. Of The 6th P.M.

NOTE: Existing Cble. 36" X 22" CMPA w/Mitrs. To Be Removed And Replaced w/(2) 50" X 31" SRPA @ 55' Rt. Sta. 27+06± , By County Hwy. Dept.

37 Rt

R/W @ E 26+31.55

27+06.55

NOTE: Sand Fill And Flush

B.M. No. 2 - Top Of Existing Thimble @ N.W. Cor. Of Sec. 24-26-1E
Elev. 139.05

SCALE Plan 1"=50'
Profile Ver. 1"=5'
Hor. 1"=50'

Proposed Shoulder Grade @ 30' R.

Existing Ground

℄ Proposed Grad

24" C.P. @ 0.18%

24" V.C.P. @ 0.18%

24" V.C.P. @ 0.18%

24" V.C.P. @ 0.18%

24" V.C.P. @ 0.18%

1294 ± L.F. 24" V.C.P. @ 0.18% Grade

Sta. 15+00 Const. Std. MH Type "B", 5' Dia.

Sta. 18+00 Const. Std. MH Type "B", 5' Dia.

Sta. 21+00 Const. Std. MH Type "B", 5' Dia.

Sta. 24+00 Const. Std. MH Type "B", 5' Dia.

Sta. 26+54.55 Const. Std. MH Type "B", 5' Dia.

RIM EL. 1306.63

RIM EL. 1301.50

RIM EL. 1297.34

RIM EL. 1292.62

RIM EL. 1288.42

140
135
130
125
120

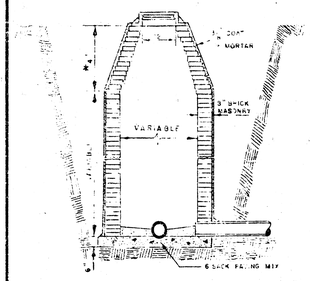
14 15 16 17 18 19 20 21 22 23 24 25 26 27

SUB MAIN 4, EXTENSION
SANITARY SEWER 23
CITY OF WICHITA, KANSAS

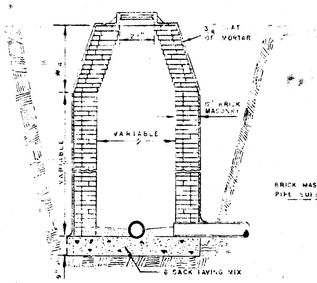
DON C. MOEHRING C.E.
CONSULTING ENGINEERS

FES. 1970

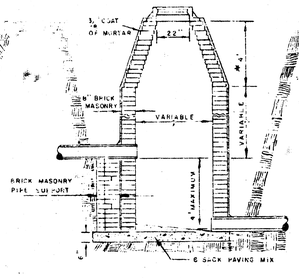
PLATE 1—PLAN PROFILE S. P. A. STANDARD
THE PIERCE PRINT CO., CHICAGO - 2562



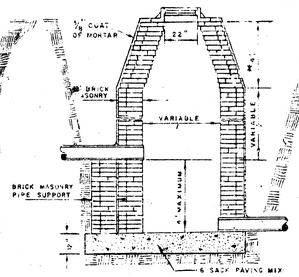
STANDARD MANHCLE
TYPE "A"



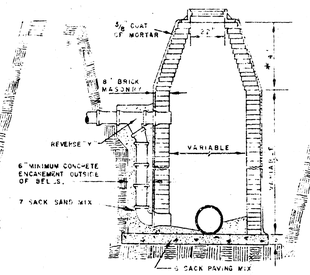
STANDARD MANHOLE
TYPE "B"



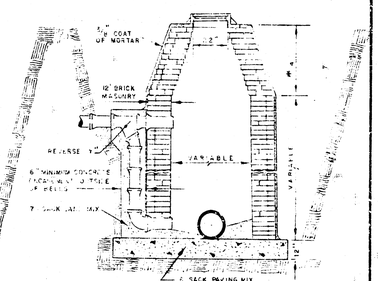
DROP MANHOLE
TYPE "A"



DROP MANHOLE
TYPE "B"

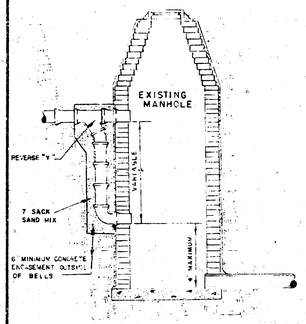


OUTSIDE DROP MANHOLE
TYPE "A"

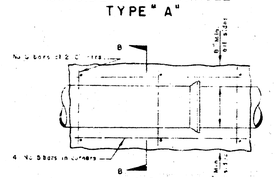


OUTSIDE DROP MANHOLE
TYPE "B"

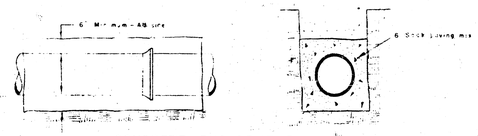
* DRAW = 6' ON 5' DIA. M.H.



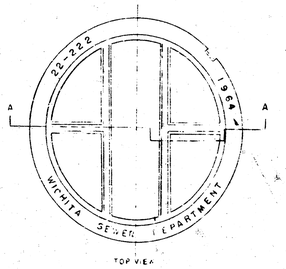
DETAIL OF DROP STACK
FOR EXISTING MANHOLES IN GROUND WATER



REINFORCED CONCRETE ENCASEMENT
FOR STRENGTH

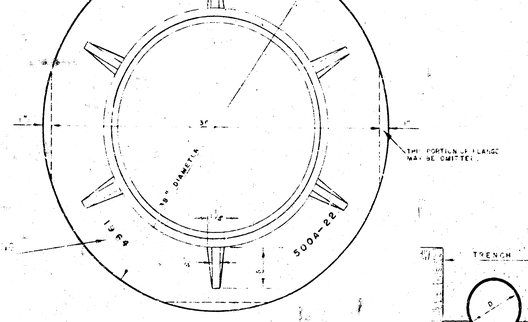


CONCRETE ENCASEMENT
FOR COVER



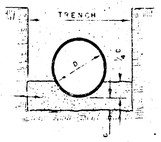
TOP VIEW

MANHOLE COVER

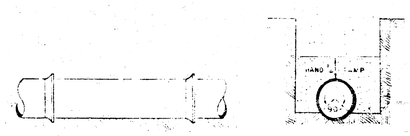


TOP VIEW

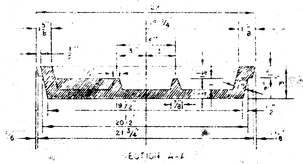
MANHOLE RING
WEIGHT 335 LBS.



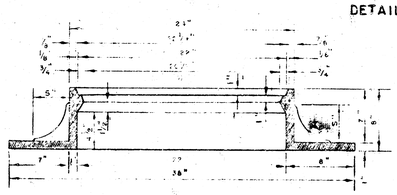
DETAIL OF CONCRETE CRADLE



ORDINARY BEDDING METHOD
FOR CLAY PIPE

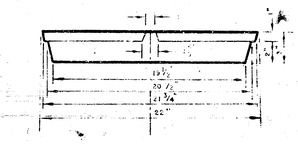


MANHOLE COVER

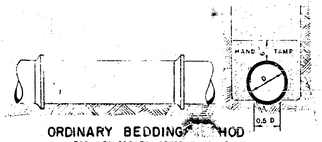


MANHOLE RING

OUTSIDE CIRCUMFERENCE OF COVER AND THE INNER FACE AND SEAT OF RING TO BE MACHINE FIT.



MANHOLE COVER



ORDINARY BEDDING METHOD
FOR REINFORCED CONCRETE PIPE

MANHOLES

THE CONCRETE USED FOR MORTAR IN MANHOLES SHALL CONTAIN 6 SACKS OF CEMENT PER CUBIC YARD.

STANDARD MANHOLES AND DROP MANHOLES, REGARDLESS OF DIAMETER, SHALL BE BID AT ONE PRICE AS STANDARD MANHOLES.

SINGLE OR DOUBLE OUTSIDE DROP MANHOLES SHALL BE BID AT ONE PRICE AS OUTSIDE DROP MANHOLES.

ALL MANHOLES WITH PIPES LARGER THAN 24" SHALL BE 5' DIAMETER UNLESS OTHERWISE SPECIFIED ON PLAN, ALL M.H.'S WITH PIPES 24" & SMALLER SHALL BE 4' DIA.

DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
DON C MOEHRING, C.E.
CONSULTING ENGINEERS
1968

3/3
C-8