B.M.-1 114.26 S.E. CUR. CONC. STEP 3.8 ± SCHOOL N.W. COR. HYDRAULIC & 21ST.
B.M.-2 114.96 "X" IN CONC. W.S. 23.0± E. EAST LINE HYDRAULIC
T.P. "X" IN MANHOLE - 300 FT. 23.0± E. HYDRAULIC ELEV. 105.90

BASE LINE ℄ HYDRAULIC

TIES TO ¼ TH. COR. STONE - 1322.76' N. of ℄ 21ST. STR.
1.2' W. of A TRUE LINE BET. 21ST. STR. & 25TH. STR., ON HYDRAULIC.
28.0' E. 36" TO FACE Pole.
50.4' N.W. TO TELEPHONE POLE
4.6' W. TO STEEL FENCE POST.

Scale 1"=20'

STREET

P.I. ELEV. 121.40 40'V.C.

-0.60 %

+0.158 %
MATCH EXIST'G GRADE
140.50 HK. STA. 4400 to 5040

P.O.P.

0+00 NORTH LINE 21ST. WEST
0+50
1+00 P.C. P.I.
1+50
8+00
8+50
3+00
3+50
4+00 ± Op. 4+66 ± Op. 21ST. & HILLCREST STREET
4+66 ± Op. 4+88 ± Op. N. HILLCREST STREET
5+00
5+50
6+00

NOTE: CONSTRUCT MH. NOS. 1910, 1911, 1912

40' CHAIN-LINK FENCE
40' WIRE
40' CHAIN-LINK FENCE
PROPOSED INCIDENTAL DRAINAGE
INSTALL 2-2'X2' CATCH BASINS
Match Existing Sidewalk
EXISTG. SANITARY SEWER
16" HIGH PRESSURE GAS MAIN
OLD LOCATION OF ℄ HYDRAULIC AS-BUILT
MATCH EXIST'G PAVE.
Existing Concrete Pavement
8" WATER MAIN (6'-6" Deep)
M.H.
INSTALL 2-2'X3' CATCH BASINS
Remove Wire Fence With Line Post
Iron Pipe Fence
Ornamental Hedges
Fence
VALLEY GUTTER
MATCH EXIST'G CONC.
EXISTING CONC. APRON
300'±
20'
40'
TWENTY-FIRST
NORTH LINE 21ST. EAST
-0.920 %
WK. +0.50
P.I. ELEV. 121.80 40'V.C.
+0.181 %
MIN. +0.50 STA. 1900 to 3400
3400 to 5160 +0.50 MIN.
HILLCREST STREET
+0.116 %
WK. +0.90

NOTE TO FIELD ENGINEER
1. CHK. FG. INSTALLATION OF 16" GAS MAIN. CHECK TOPO AND NOTE ANY CHANGES OR LEAT. SHOT HYDRAULIC.
2. ALL ENTRANCE PIPES TO BE DISPOSED OF IN ACCORDANCE WITH CITY DIRT CHECKER.

EXCAVATION TOTALS

PROPERTY	CITY
1895.6	256.0
+10% 189.6	+10% 25.6
2085.2 C.Y.	281.6 C.Y.

JAMES H. TINDT — 2012 — REGISTERED PROFESSIONAL ENGINEER — KANSAS
JOHN R. EPPICHIMER — 531 — REGISTERED PROFESSIONAL ENGINEER — KANSAS
B. SMITH — A35 — REGISTERED PROFESSIONAL ENGINEER — KANSAS

SHEET 6

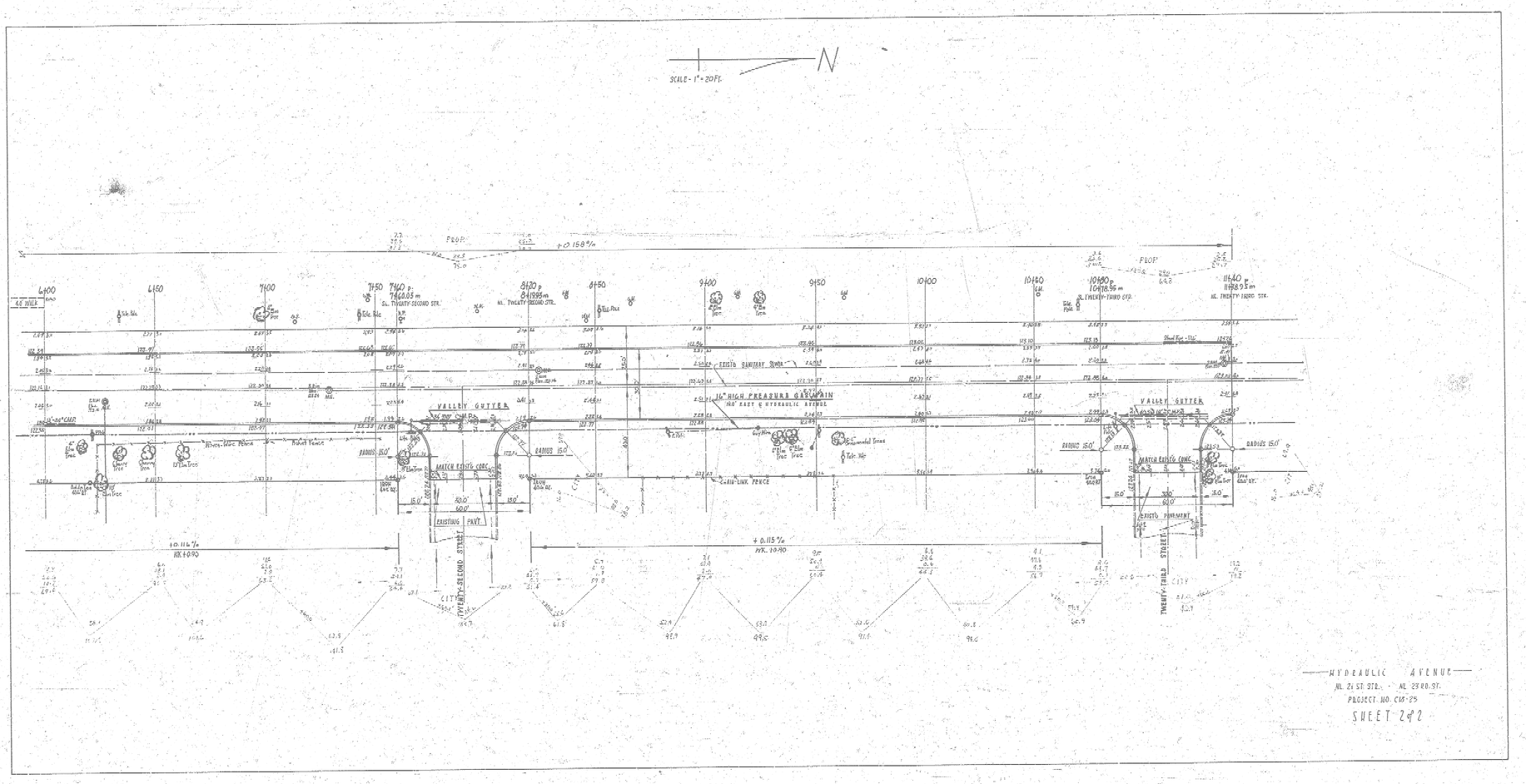
HYDRAULIC AVENUE

N. TWENTY-FIRST to N. TWENTY-THIRD

TYPE 30' CONC. & CB

CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
DATE SEPT. 1958 PROJ. NO. C18-88

Survey
Plan
Est.
Contracts


N
SCALE - 1" = 20Ft.
PROF.
+0.158%
6400
6450
9400
9450
10400
10460
10490
11440
7460 P.
7460.05 m
S.E. TWENTY-SECOND STR.
8420 P.
8419.95 m
NE. TWENTY-SECOND STR.
10490 P.
10490.96 m
NE. TWENTY-THIRD STR.
11440 P.
11438.95 m
NE. TWENTY-THIRD STR.
42 WLR
VALLEY GUTTER
16" HIGH PRESSURE GAS MAIN
160' EAST OF HYDRAULIC AVENUE
EXISTO SANITARY SEWER
MATCH EXISTG CONC.
RADIUS 15.0'
RADIUS 150'
CHAIN LINK FENCE
EXISTG PAVEMENT
EXISTING PAVT.
TWENTY-SECOND STREET
TWENTY-FIRST STREET
+0.116%
MK 10+90
+0.115%
MK. 10+90
HYDRAULIC AVENUE
NL 21 ST. STR. - NL 23 RD. ST.
PROJECT NO. CUS-25
SHEET 292

SURVEY BY J. HUGHES & G.E.
FIELD SEAL
DATE 6-19-58
CHECKED

SCALE-1" = 20 FT.

N

B.M. #A 24 S.E. COR. LOWER STEP S.S. OF SCHOOL NW COR. HYDRAULIC #4 PIST.

TWENTY-FIRST STREET

HYDRAULIC AVE.

TWENTY-SECOND STREET

STA. 0+10 EXIST'G MH & BOTTOM INTO DEPTH 8.00' MANHOLE LOCATION ALTERNATE SITE + MH

FLO-IN INLET

CHAIN LINK FENCE

42" ELM

18" ELM

36" ELM

10" ELM

18" ELM

FLO-IN INLET FLOWLINE 1280

90.0'-18" R.C.P.

FLO-CHEK HEAD

FLO-IN INLET

TOP C.B. GRADE 1284.40

INSTALL DOUBLE 2'X5' C.B.

180'

STA. 1+87 NEW MH

EXISTING SANITARY SEWER

TRIMBLE

EXISTING CONCRETE

PROPOSED 3010' CONCRETE

EXISTING 6" WATER MAIN

INSTALL DOUBLE 2'X5' C.B.

FLOWLINE 1280

TOP C.B. GRADE 1284.40

PROPOSED 42" R.C.P.

80.0'

JAMES H. EPPERSON 2012 REGISTERED PROFESSIONAL ENGINEER

JOHN H. EPPERSON 531 REGISTERED PROFESSIONAL ENGINEER

B. E. SMITH 435 REGISTERED PROFESSIONAL ENGINEER

INCIDENTAL DRAINAGE

IN CONNECTION WITH HYDRAULIC AVENUE FROM TWENTY-FIRST TO TWENTY-THIRD

CITY OF WICHITA, KANS.

B.E. SMITH CITY ENGINEER

DATE: Sept., 1958 PROJ. NO. C-10-25

O V S B