Surv. & Comp. by D. Gilman
Date 10-29-62
Sheet 1 of 2

NOTE: Lin. ft. Sawing to be included in bid price of Pavement Rem. & Rep.

GRAIL ST.

STA. 0+00 EXIST. M.H. EXIST. 21" STUB S.

131'

STA. 2+90 CONST. STD. M.H. TYPE "B" END SYPHON

STA. 6+10 CONST. STD. M.H. TYPE "A"

STA. 9+20 CONST. STD. M.H., TYPE "A"

313.31'

STA. 11+96 CONST. STD. M.H. TYPE "A" CONST. 18" STUB W. CONST. 18" STUB S.

Pavement Asphalt Surface

ROCK ROAD

Conc. pave.

STA. 1+90 CONST. STD. M.H., TYPE "B" BEGIN SYPHON

NOTE: SEE SHEET NO. 2 FOR SYPHON DETAIL

BOSTON AVE.

NOTE: Replace Asphalt Mat with 4" Asphaltic Conc.

HARRY ST.

10' Sewer Easement

Plan Scale 1"=90'
Profile Scale 1"=90' Hor.
1"=9' Vert.

B.M. 145.38 "+" on N.W. cor. N. Handrail R.C.B.C. on Harry 238' E. of Rock Road
B.M. 139.81 "O" N.E. cor. E. Headwall R.C.B.C. 900' S. of Turnpike on Rock Road

Exist. pave on Rock Road

SAND FILL OR FLUSH

21" V.C.P. @ 0.20%

18" V.C.P. @ 0.35%

F/O Out 126.28
21" Stub in 126.28

126.18

21" Out 126.18

18" In 127.27

128.16

128.61

F/O In 128.89

129.21

129.96

129.91

F/O Out 129.88

130.26

130.61

130.96

18" Stub W. In 131.07
8" Stub In 130.25
18" Stub In 131.07

100 LIN. FT. SYPHON

949 LIN. FT. 18" V.C.P. @ 0.35% GRADE

LIN. FT. 21" EXTRA STRENGTH V.C.P. @ 0.20% GRADE

See sheet #2 for Grade on Syphon

140
130
120

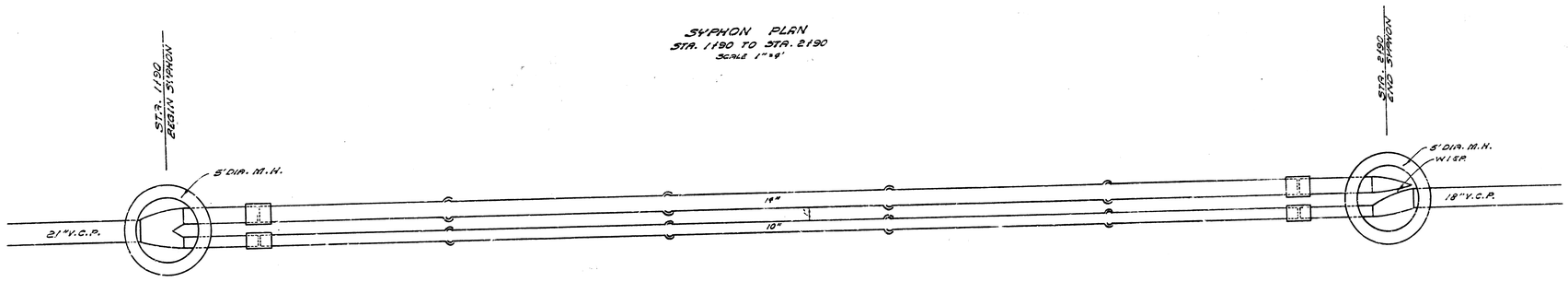
0 1 2 3 4 5 6 7 8 9 10 11 12

KANSAS SELECT REGISTERED PROFESSIONAL ENGINEER 3785

1/2

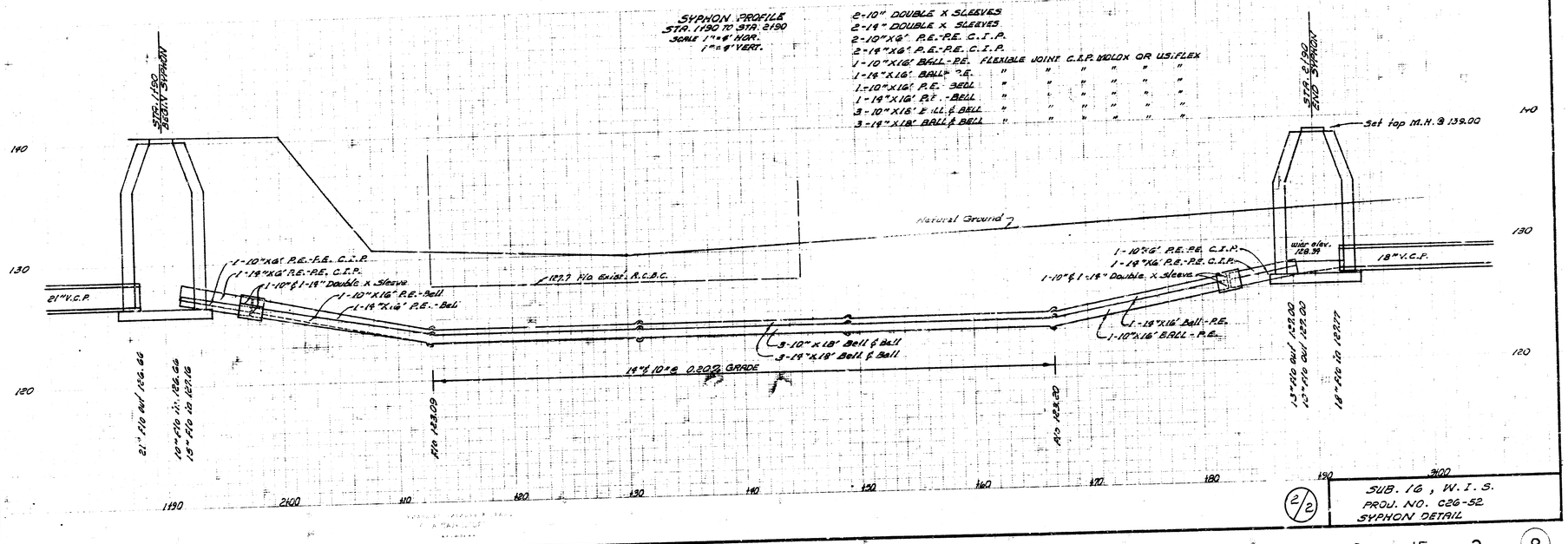
SUBMAIN 16, W.I.S.
CITY OF WICHITA, KANSAS
B.E. SMITH, CITY ENGINEER
PROJECT NO. C26-52
DATE: AUG. 1960

SYPHON PLAN
STA. 1190 TO STA. 2190
SCALE 1"=8'



SYPHON PROFILE
STA. 1190 TO STA. 2190
SCALE 1"=8' HOR.
1"=8' VERT.

2-10" DOUBLE X SLEEVES
2-14" DOUBLE X SLEEVES
2-10"X6' P.E.-P.E. C.I.P.
2-14"X6' P.E.-P.E. C.I.P.
1-10"X16' BALL-P.E. FLEXIBLE JOINT C.I.P. MOLOX OR US:FLEX
1-14"X16' BALL-P.E. " " " " "
1-10"X16' P.E.-BELL " " " " "
1-14"X16' P.E.-BELL " " " " "
3-10"X16' BELL & BELL " " " " "
3-14"X18' BALL & BELL " " " " "



2/2

SUB. 16, W.I.S.
PROJ. NO. C26-52
SYPHON DETAIL

8