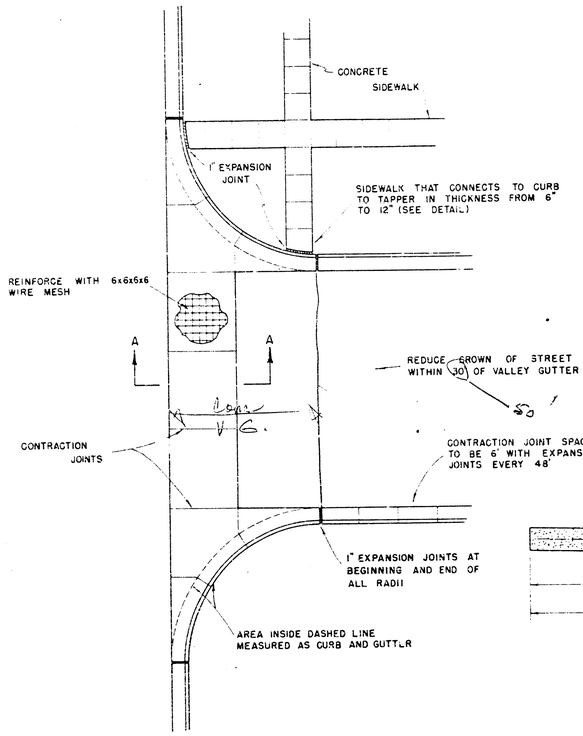
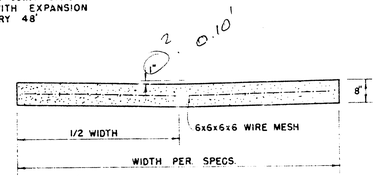


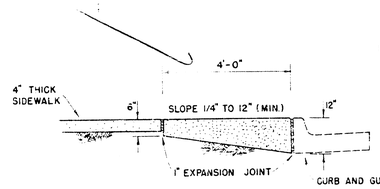
TYPICAL STREET INTERSECTION WITH VALLEY GUTTER

SCALE 1" = 10'



SECTION A-A

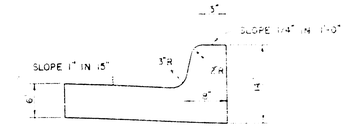
NO SCALE



NOTE:
INSTALL EXPANSION JOINTS EVERY 25' AND WHERE SIDEWALK JOINS CURB. CUT SIDEWALK INTO SQUARES NOT TO EXCEED 5 FEET.

SIDEWALK DETAILS AT INTERSETIONS

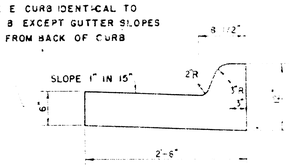
NO SCALE



TYPE A

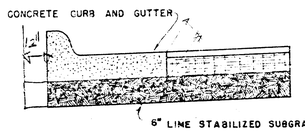
SCALE 1"=1'-0"

NOTE: TYPE E CURB IDENTICAL TO TYPE B EXCEPT GUTTER SLOPES AWAY FROM BACK OF CURB



TYPE B

SCALE 1"=1'-0"

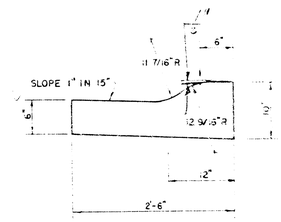


* ASPHALTIC WEARING COURSE
* COMPACTED BASE COURSE
* COMPACTED SUB-BASE

* SEE SPECIFICATIONS FOR DEPTH AND TYPE OF COURSE

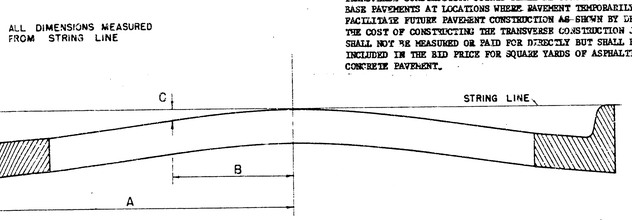
SECTION THROUGH PAVEMENT AND CURB AND GUTTER

NO SCALE



TYPE C

SCALE 1"=1'-0"



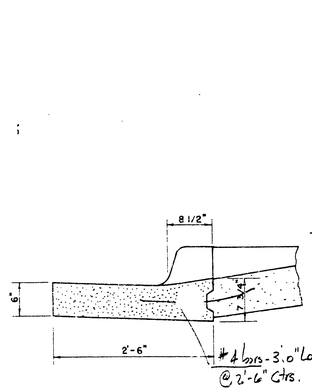
TYPICAL CROSS-SECTION

NO SCALE

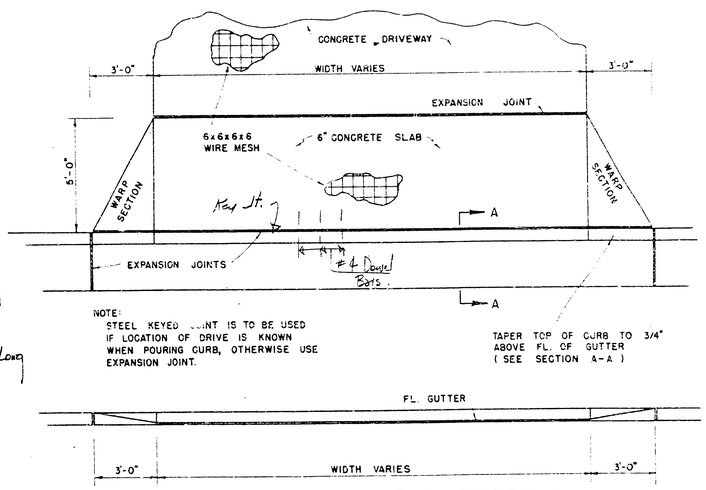
DETAIL OF TRANSVERSE CONST. JOINTS

TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS. TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

CROWN DIMENSIONS FOR STREETS WITH STANDARD TYPE A CURB					
WIDTH OF STREET	CROWN	HEIGHT ABOVE CURB	A	B	C
41'	8"	0"	20'	8.75'	1 3/4"
36'	7"	-1"	18'	7.75'	1 1/2"
34'	6"	-2"	17'	7.25'	1 1/4"
32'	6"	-2"	16'	6.75'	1 1/4"
31'	6"	-2"	15.5'	6.50	1 1/4
25'	5"	-3"	12.5'	5.00	1"



SECTION A-A



NOTE:
STEEL KEYED JOINT IS TO BE USED IF LOCATION OF DRIVE IS KNOWN WHEN POURING CURB, OTHERWISE USE EXPANSION JOINT.

TAPER TOP OF CURB TO 3/4" ABOVE FL. OF GUTTER (SEE SECTION A-A)

ALLEY AND DRIVEWAY APPROACH

RISE & GOODNES ENGINEERS
Consulting Engineers
SURVEYORS
PLANNERS
ARCHITECTURAL DESIGN

PROJECT: STREET IMPROVEMENTS
CUSTOMER: VAN BUSKIRK

DATE: 3-20-75
REVISIONS

SHEET NO. 6
OF 8 SHEETS

DRAWING SHEET
F-11A

PLANS

STREET IMPROVEMENTS

AULLS FIRST ADDITION

REISS AND GOODNESS ENGINEERS
2160 E. DOUGLAS WICHITA-KANSAS
1975

Kenny Hill

DATE	3-20-75
REVISIONS	
SHEET NO. 1 OF 3 SHEETS	

North

Scale 1" = 30'

LEGEND

EXISTING CONTOURS

FINISH CONTOURS

TOP OF CURB ELEV. 164.0

WATER LINE

SANITARY SEWER

STORM SEWER

PROPERTY LINE

#1 BLDG PAD 168.0

#2 BLDG PAD 167.0

#3 BLDG PAD 166.0

#4 BLDG PAD 165.0

#5 BLDG PAD 165.0

#6 BLDG PAD 166.0

EASMT 10' E OF SIDEWALK

36" CONC STORM SEWER

PARKING

WATER LINE

10' WTR LINE EASMT

STREET CONTRACTOR TO REMOVE TREES IN THIS AREA

10' WIDE STORM SEWER EASEMENT

FILL DIRT NEEDED FOR STREET CONSTRUCTION WILL BE TAKEN FROM THIS AREA

EXISTING TREES

City Engr. Must Approve Curb Width

30' (MAX.)

ROCK

ROAD

STREET CONTRACTOR TO REMOVE ONLY TREES NEEDED FOR DRIVEWAY CONSTRUCTION

2-EXISTING 24" RCP

STREET CONTRACTOR TO REMOVE TREES IN THIS AREA

B.M. 171.77 TOP OF FIRE HYDRANT

STREET IMPROVEMENTS

VAN BUSKIRK

DATE 3-20-75

SHEET NO. 2 OF 8 SHEETS

North

Scale
Plan 1" = 30'
Profile Horiz 1" = 30'
Vert 1" = 5'

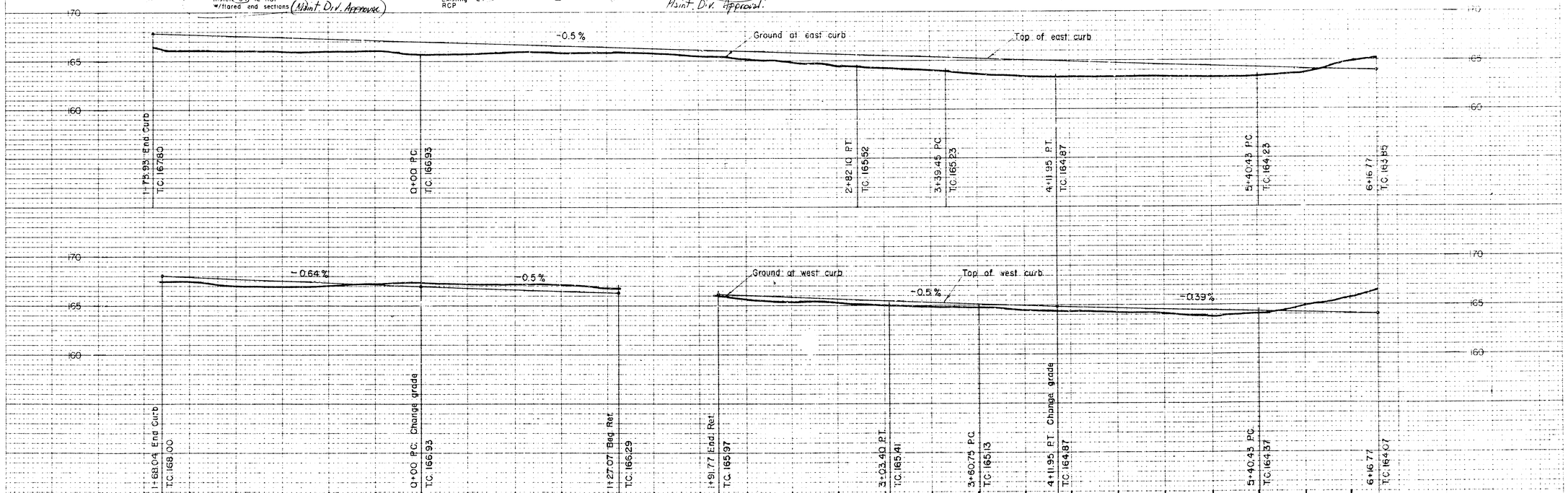
B.M. 165.9 Prop. iron
B.M. 164.34 Prop. iron
Prop. line
B.M. 162.34 Prop. iron

R=25.00 Δ=51°41.02" L=22.56
R=410.50 Δ=39°22.25" L=282.10
4' wide 6" thick conc. sidewalk typical
Δ=65°06.45" L=12.10
R=105.5 Δ=39°22.25" L=72.50
R=25.00 Δ=35°54.45" L=15.67
R=74.5 Δ=39°22.25" L=51.20
R=25.00 Δ=35°54.45" L=15.67
R=441.50 Δ=39°22.25" L=303.40

Sta 1-73.93 T.C. 167.80
Sta 1-28.93 P.T.
Sta 0-83.81 P.C. T.C. 167.38
Sta 0+00 P.C. T.C. 166.93
Sta 1+68.04 T.C. 168.00
B.M. 167.65 Prop. iron
Sta 1+27.07 Beg. Ret T.C. 166.29
Sta 1+91.77 End. Ret T.C. 165.97
Sta 2+48 T.C. 165.69
Sta 2+82.10 P.T. T.C. 165.52
Sta 3+08 T.C. 165.39
Sta 3+03.40 P.T. T.C. 165.41
Sta 3+39.45 P.C. T.C. 165.23
Sta 3+60.75 P.C. T.C. 165.13
Sta 4+11.95 P.T. T.C. 164.87
Sta 5+40.43 P.C. T.C. 164.23
Sta 5+71.77 P.T. T.C. 164.25
Sta 6+16.77 T.C. 164.07
Sta 6+43.89 T.C. 163.95

install 10" wide conc valley gutter
install 6" curb type B
install 6" curb type E
PARKING
install 2 curb inlet structures
install 1" expansion joint between curb and sidewalk
Set back of sidewalk 0.5' above curb.
Top of 6" curb on this line
Note All curb and gutter is "laybock type C" unless otherwise shown

25R
39.23
31.88
5" crown
Δ=16°29.24"
12.15R
10.65R
18.0
5.0
3.71
33.95
31.33
29.32
34
5'bar
Direction of drainage
Guard House 12.67 wide
Property line
Existing asphalt pavement
B.M. 171.77 top of fire hydrant
Rock Road
13' wide asphalt drive
F.L. 168.0
F.L. 167.8
F.L. 167.13
F.L. 167.5
Δ=106°29.24" L=22.58
T.C. 168.00
35.88
Install 34' of 12" RCP w/ flared end sections
Maint. Div. Approval
Install 34' 12" RCP w/flared end sections (Maint. Div. Approval)
Existing 24" RCP



KEIDEL & GOULDEN ENGINEERS
Consulting Engineers
A Joint Venture of
Keidel & Associates, P.A.
Goulden Engineers, Inc.

SHEET NO. 3
OF 3 SHEETS