NOTE TO FIELD ENGINEER & CONTRACTOR
Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area.
TO BE CONSTRUCTED BY "OTHERS".

level datum. B.M. • 1367.58 ¢ conc
ment N.S. R.C.B.C. MAINSGATE ? 130'
easm't. ∞ CITY DATUM • 179.95 ∞

Lot 53
Lot 54
Lot 55
Lot 56
Lot 57
Block I
Lot 58
Lot 59
Lot 60
West Line 3rd Ac
To Crestview Heig
Lot 1
Lot 2
Lot 3
Block 2
Lot 4
Lot 6
Block I
Prairie Village
Subdivision
LAMSON
EDGEMOOR
22 nd. St.
NORTH
Roll Back Type Curb
P.L. R=381.137
R=366.637
Δ=53°36'
R=351.137
R=335.637
P.L. R=321.137
Sta. 1+31.83 P.C.
Sta. 1+28.22 P.C.
TC ~~76.90~~ 76.70
Conc. Valley Gutter
Sta. 0+00 End Return
TC. 75.08
Constr. of Sidewalk on
LAMSON by Others
4' Sidewalk (proposed)
10' Transition from Std. Curb
to Roll Back Curb
No Crown
Warp Crown 50'
Wheel Chair Ramp
19.5 R
TC 74.61
TC.75.08
Sta. 4+42.26 P.T.
Sta. 4+66.29 PC
Const. 10' Transition from Exist. Std.
Curb to Roll Back Curb
Δ = 15°23'49"
R = 177.47
T = 23.99
L = 47.69
Δ = 15°23'49"
R = 146.47
T = 19.80
L = 39.36
Sta. 5+13.98 End New Curb
TC 81.45
Wheel Chair Ramp
Match Existing
Pavement
Exist.
V.G.
CONTINENTAL pipe
LINE Co. pressure
OIL LINE
STA. 5+38.27 End New Curb
T.C. 80.98
P.I.
elev. 81.99
98.18' V.C.
-0.90%
+0.5' Wk
+1.42%
-1.18%
+0.5'
+1.522%
Walk GR + 0.3'
Note: Elevations shown on plan
are sea level data.
Scale
Plan
Profile: Horiz.
Vert.

CURVE DATA BASED ON ¢ RADIUS • 351.137'
Δ • 53°36' ARC • 328.49' TAN • 177.37'

STATION	ARC	chord 8' o.s. to So curb	chord 8' o.s. to No. Curb	DEFLECTION	TOTAL DEFLECTION
P.C. 0+00					0° 00' 00"
+25	25.00'	23.36'	26.63'	2° 02' 23"	2° 02' 23"
+50	"	"	"	2° 02' 22"	4° 04' 45"
+75	"	"	"	2° 02' 23"	6° 07' 08"
1+00	"	"	"	2° 02' 23"	8° 09' 31"
+25	"	"	"	"	10° 11' 54"
+50	"	"	"	2° 02' 22"	12° 14' 16"
+75	"	"	"	2° 02' 23"	14° 16' 39"
2+00	"	"	"	"	16° 19' 02"
+25	"	"	"	"	18° 21' 25"
+50	"	"	"	2° 02' 22"	20° 23' 47"
+75	"	"	"	2° 02' 23"	22° 26' 10"
3+00	25.00'	23.36'	26.63'	"	24° 28' 33"
P.T. 3+28.49	28.49'	26.62'	30.35'	2° 19' 27"	26° 48' 00"

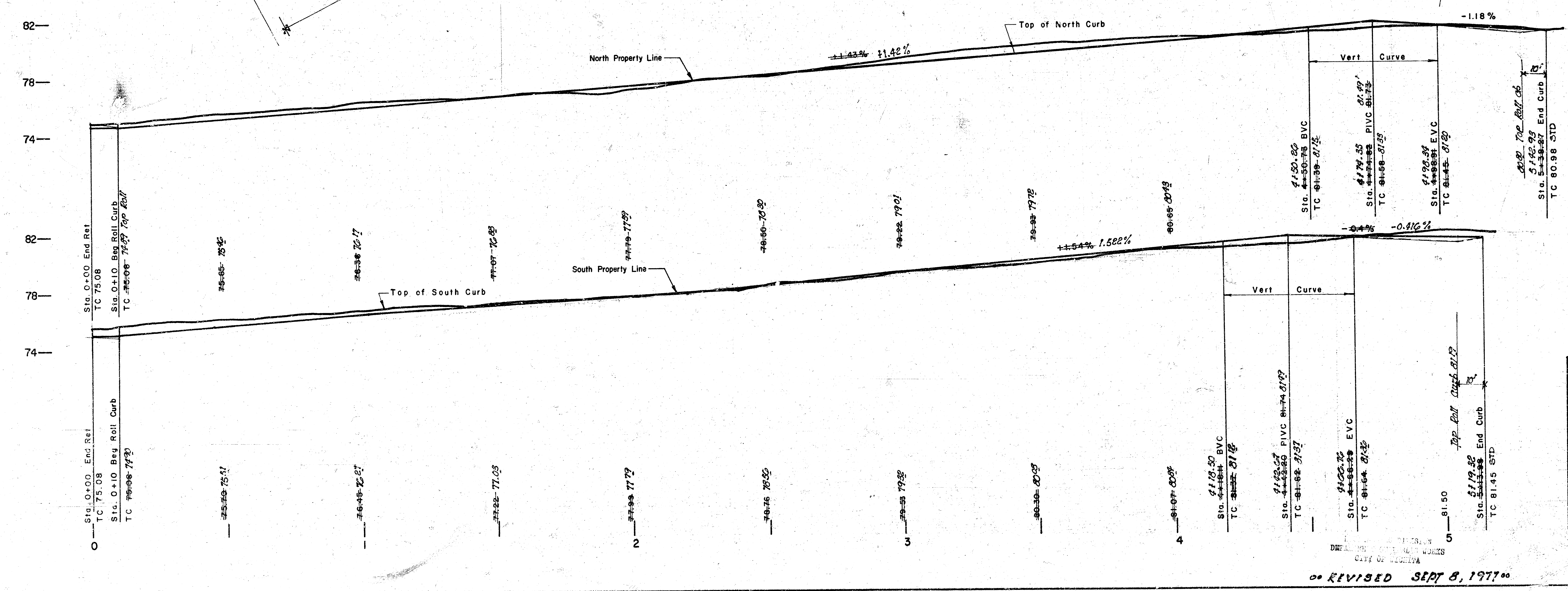
CURVE DATA BASED ON ¢ RADIUS 161.97'
Δ = 15° 23' 49" ARC • 43.53' TAN • 21.89'

STATION	ARC	chord 8' OS to S. curb	chord 8' OS to N. curb	DEFL	TOTAL DEFL
0+00					0° 00' 00"
0+25	25.00'	28.52'	21.45'	4° 23' 18"	4° 23' 18"
0+43.53'	18.53'	21.15'	15.89	3° 16' 37"	7° 41' 55"

∞ EARTHWORK ∞
PROPERTY
729.9 CYDS   28.8 CYDS
+10% 73.0 "   +10% 2.9 "
802.9 CYDS   31.7 CYDS

1966² SQ YARDS MANIPULATION

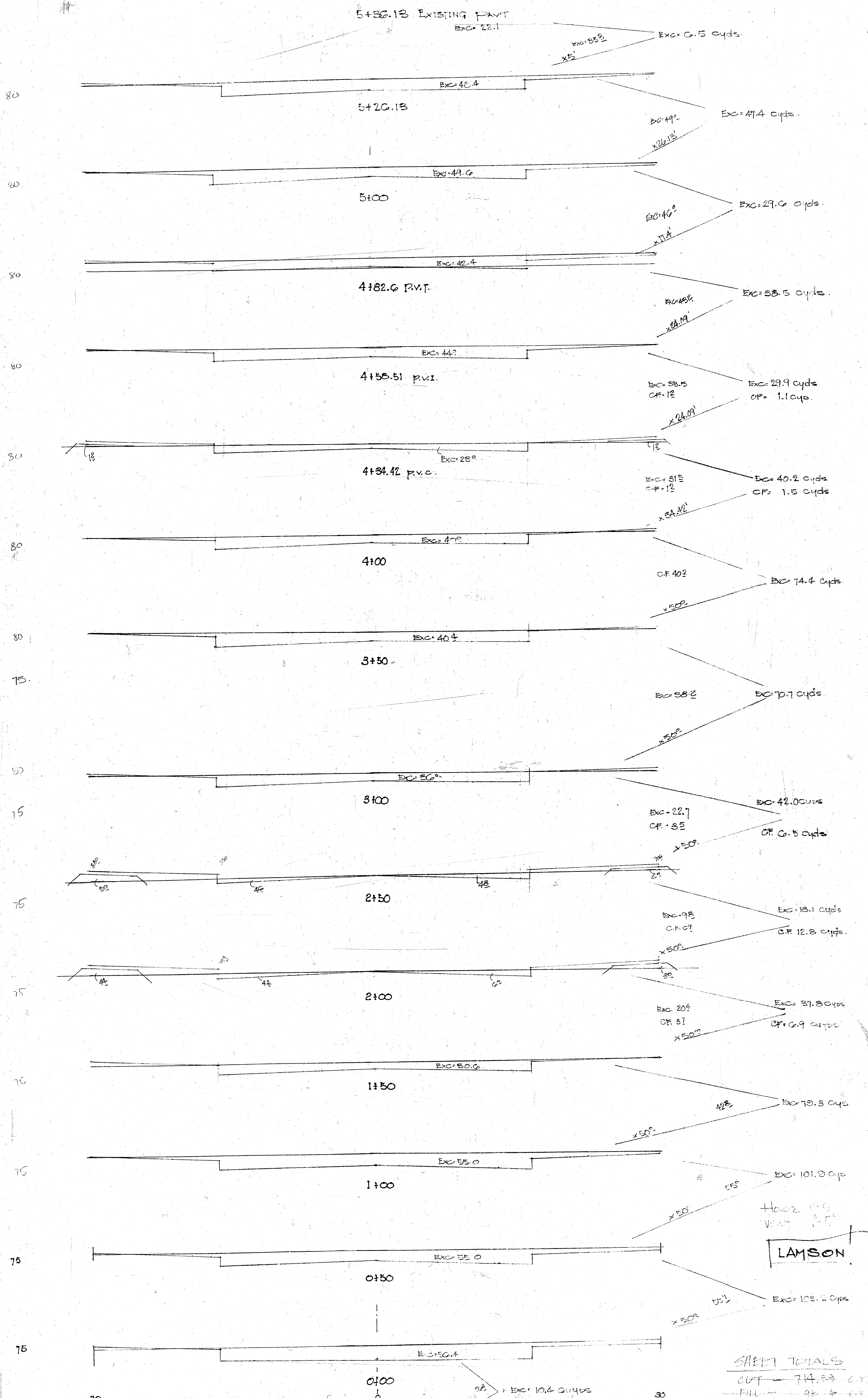
LAMSON STREET



∞ REVISED SEPT 8, 1977 ∞

LAMSON STREE
E.L. EDGEMOOR DR - N.L. 22ND
CITY of WICHITA, KANS
(30' FF) 2" asph conc wearing su
6" asph base W/ comb curb & Gu
R. W. LINN   CITY ENGINE
DATE: proj No. DARS5770

REISS & GOODNESS ENGI
2160 WEST 21st STREET
WICHITA, KANSAS 67204
(316) 832-0213


5+36.13 EXISTING PAV'T
EXC= 22.1
EXC=33.2
x5'
EXC= 6.5 cyds.
EXC= 48.4
5+26.13
EXC=49°
x26.13'
EXC= 47.4 cyds.
EXC= 49.6
5+00
EXC=46°
x17.4'
EXC= 29.6 cyds.
EXC= 42.4
4+82.6 P.V.T.
EXC=48.2
x24.19'
EXC= 38.5 cyds.
EXC= 44.2
4+58.51 P.V.I.
EXC= 38.5
CF= 1.2
x24.09'
EXC= 29.9 cyds
CF= 1.1 cyd
1.2
EXC= 28°
4+34.42 P.V.C.
EXC= 31.5
CF= 1.2
x34.42'
EXC= 40.2 cyds
CF= 1.5 cyds
EXC= 47°
4+00
C.F. 40.2
x50'
EXC= 74.4 cyds.
EXC= 40.4
3+50
EXC= 38.2
x50'
EXC= 70.7 cyds
EXC= 56°
3+00
EXC= 22.7
CF= 3.5
x50'
EXC= 42.0 CYDS
CF= 6.5 cyds
7.0
2°
5.2
4.6
4.8
2+50
EXC= 9.8
C.F.= 6.9
x50'
EXC= 18.1 cyds
C.F. 12.8 cyds.
3°
4.4
4.2
6.2
2+00
EXC 20.4
CF. 3.7
x50'
EXC= 37.8 CYDS
CF= 6.9 CYDS
EXC= 50.6
1+50
42.8
x50'
EXC= 79.3 CYS
EXC= 55.0
1+00
55°
x50'
EXC= 101.9 CYS
HORZ. 1"=5'
VERT. 1"=5'
LAMSON
EXC= 55.0
0+50
55.1
x50'
EXC= 108.2 CYS
E= 50.4
0+00
EXC= 10.4 CUYDS
80
80
80
80
80
80
80
80
75
75
75
75
75
75
75
30
30
SHEET TOTALS
CUT — 714.59 C.Y.
FILL — 96.4 C.Y.

DAX0577042