3857
E 2
BLE SCALE
220.78
3140 920
2 CHARGE
FOR
SINNECTIONS
810
538 800

Trim Line

LOMITA BLDG. DIST. Nº 7L

P.C. 3857

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS
TO BE CONSTRUCTED IN
TRACT Nº 21351

PAGE 1

PRIVATE CONTRACT NO. 3857
W. S. 27

23,537

SHEET 1 OF 5 SHEETS

SCALE: VERT. 1"=8'
HOR. 1"=40'

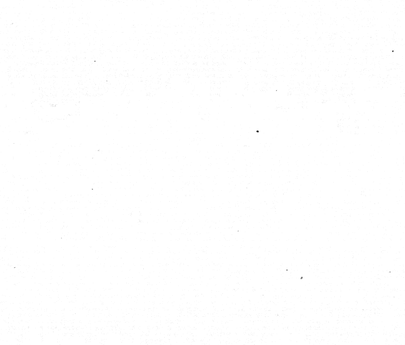
JAN., 1956

(20)

PREPARED IN THE OFFICES OF
ENGINEERING SERVICE CORPORATION

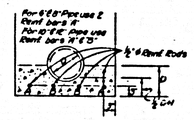
BY _____
REG. C. E. NO. 3692

FOR LEGEND
SEE PLAN NO. S-a-64

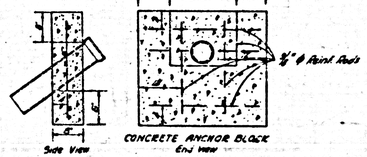


INDEX MAP
TRACT Nº 21351
P.C. 3857
SCALE 1"=200'

BENCH MARK
County Surveyor B.M. U.T.C.B.S. Std.
Disc Stamped Q-786-1944 Set
Flush with ground 16.8' N. of
N. Pose Yorker Drive North 67.6'
East of ℄ of Narbonne Ave.
Elev. = 319.84



Sheet	Pages
1	1 - 4
2	5 - 8
3	9 - 12
4	13 - 16
5	17 - 20



NOTE:
NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONS FOR ALL HOUSE LATERALS AND Y BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ANY CHANGE OF LOCATION SHALL BE REQUESTED IN WRITING BY THE OWNER OR HIS REPRESENTATIVE.
NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT APPROVAL OF THE COUNTY ENGINEER.

1. USE STANDARD MANHOLE FRAMES AND COVERS, S-a-117.
2. USE STANDARD STRENGTH PIPE EXCEPT AS NOTED.
3. USE CEMENT MORTAR FOR ALL VITRIFIED CLAY PIPE JOINTS.
4. RESURFACE ALL TRENCH WITHIN PAVED AREA TO MEET L.A. COUNTY ROAD DEPT. REQUIREMENTS IN ACCORDANCE WITH PERMIT.
5. ENCASE FOUR FEET OF SEWER AT POINTS OF INTERFERENCE WITH POLES, S-a-119.
6. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERT AT PROPERTY LINE 6 FEET BELOW CURB GRADE, EXCEPT AS NOTED
7. ALL STRUCTURES SHALL BE BRICK SEWER STRUCTURES, S-a-104.
8. PROVIDE STAKES ON THE PROPERTY LINES OR PROPERTY LINES PRODUCED, AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
9. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 1 SEC. 51.
10. Manholes in unimproved Rights of Way to be constructed with top 6' above finished ground.
11. (a) No construction will be permitted in filled areas unless acceptable certification is submitted to the construction division of the County Engineer's Department that compaction is greater than 90%
(b.) If compaction is less than 90% the sewer must be crushed as shown on Plan
(c) If compaction is greater than 90% crushing is not required, however, joint connections must be reconstructed for crushing mortar for all joints in filled areas.
12. The Private Engineer is to furnish the House Lateral depth at the property line below the Top of curb elevation) for each House Lateral, on the Grade Sheet.

NO CHARGE FOR CONNECTIONS
S.Y. Wells 9-26-56

ENGINEERING SERVICE CORPORATION			
3127 W. WASHINGTON BLVD.			
LOS ANGELES 15, CALIF.		RI 9-7281	
REVISIONS		TRACED BY	
		DESG'D BY	
		CK'D BY	
		SUBMITTED	
SUB STRUCTURES CK'D			
W. O. NO.	DWG. NO.	DATE	SCALE
GGB-PF			As Noted

NOTE:
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEY ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
ELEVATIONS ARE IN FEET ABOVE U. S. C & G. S. SEA LEVEL DATUM OF 1929
THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.
WORK SHALL BE CONSTRUCTED ACCORDING TO SPECIFICATIONS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
BEFORE WORK CAN BE STARTED THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT. 108 W. 2ND ST. AND MAKE A DEPOSIT WITH THE COUNTY ENGINEER, R.M. 524-525 A MISCELLANEOUS BUILDING SUFFICIENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY, PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT.

COUNTY OF LOS ANGELES, CALIFORNIA

APPROVED
JOHN A. LAWSHE
COUNTY ENGINEER
BY _____
SANITATION ENGINEER

APPROVED A. M. RAWN
CHIEF ENGINEER OF COUNTY SANITATION DISTRICTS NO. 2
BY _____
OFFICE ENGINEER

CHECKED BY _____
OFFICE OF COUNTY ENGINEER
REG. C. E. NO. 9486

Checked 10-17-56 M. Larsen

Trim Line

(20)

RS

P.C. 3057
PAGE 3
DOUBLE SCALE

NO CHARGE FOR CONNECTIONS

23,539

EXTRA STRENGTH PIPE IN MAIN LINE

Grade of North & South Curbs

Compacted Fill

Page 48" RCP

Natural ground

Page 54" RCP

Page 60" RCP

Page 66" RCP

Page 72" RCP

Page 78" RCP

Page 84" RCP

Page 90" RCP

Page 96" RCP

Page 102" RCP

Page 108" RCP

Page 114" RCP

Page 120" RCP

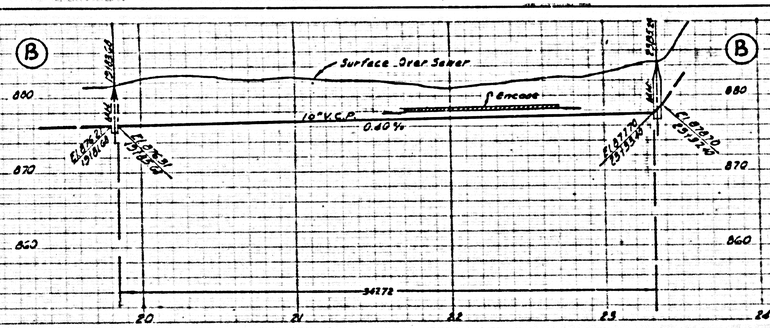
Page 126" RCP

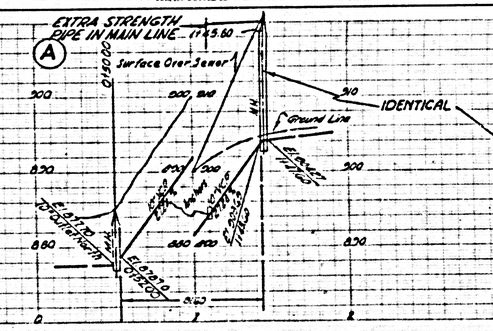
Page

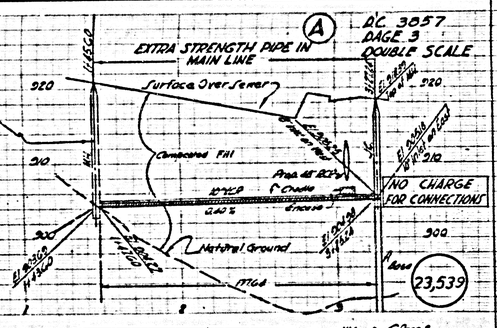
DC. 3057
PAGE 2
DOUBLE SCALE

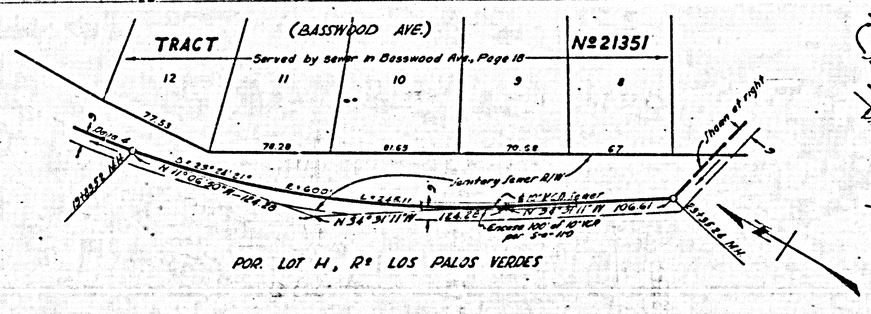
NO CHARGE FOR CONNECTIONS

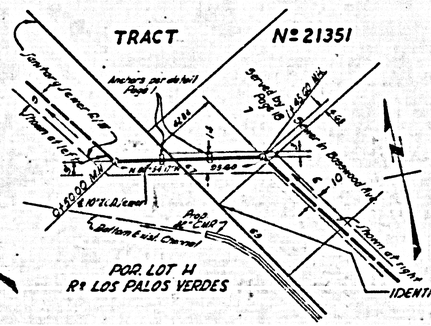
23,540

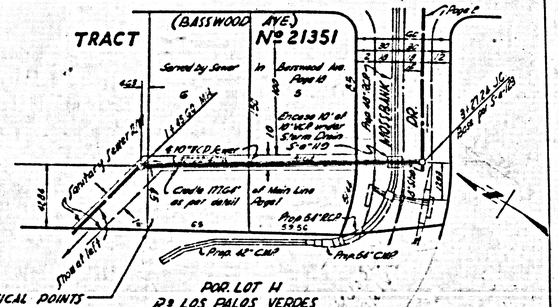


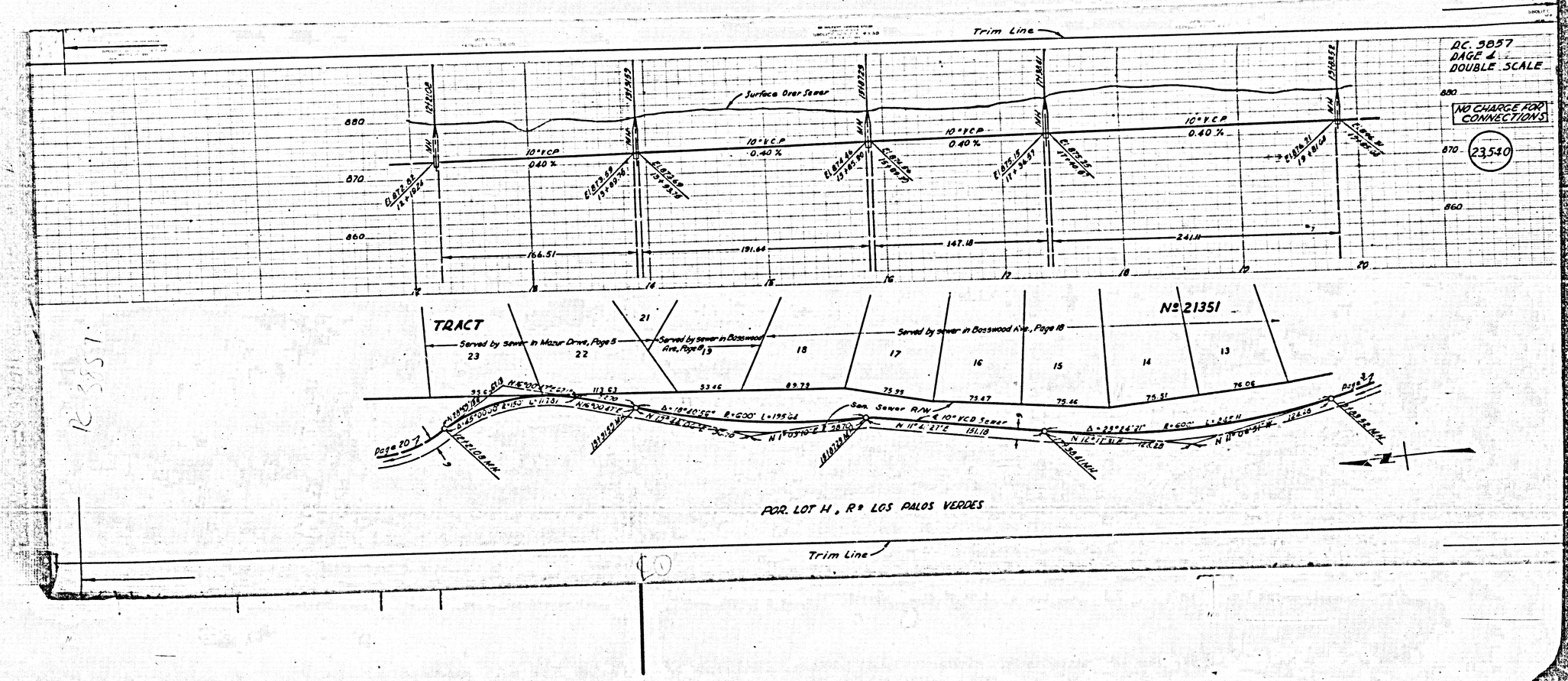




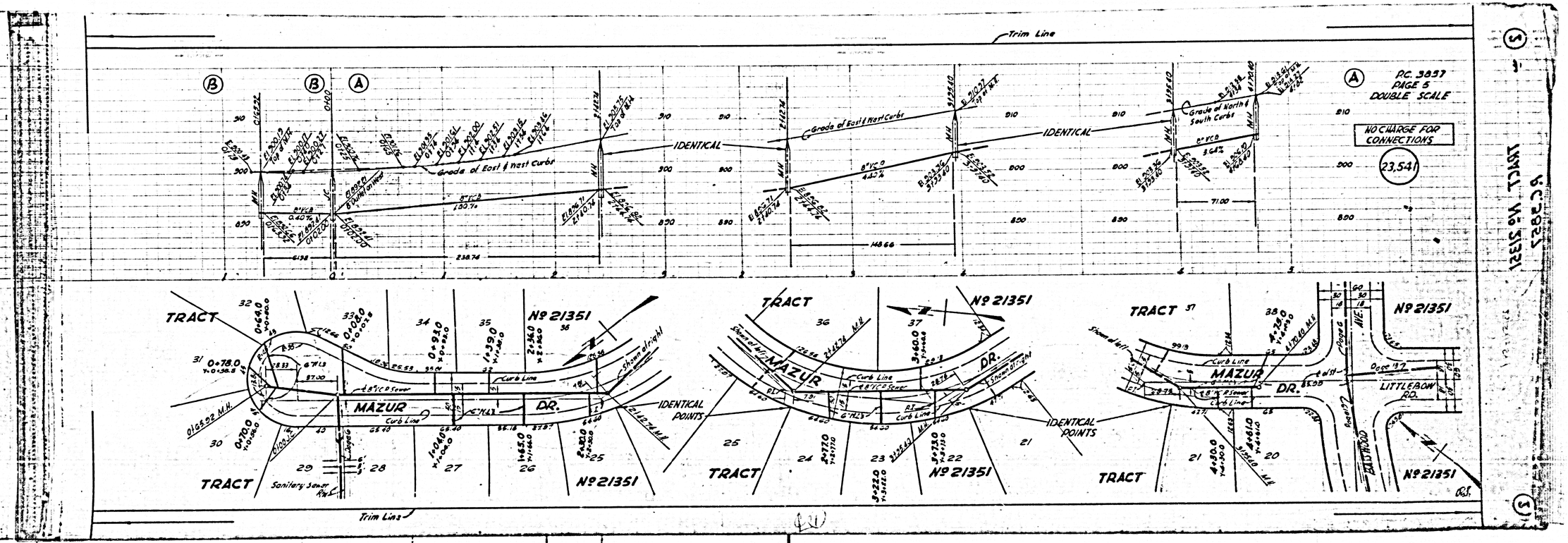




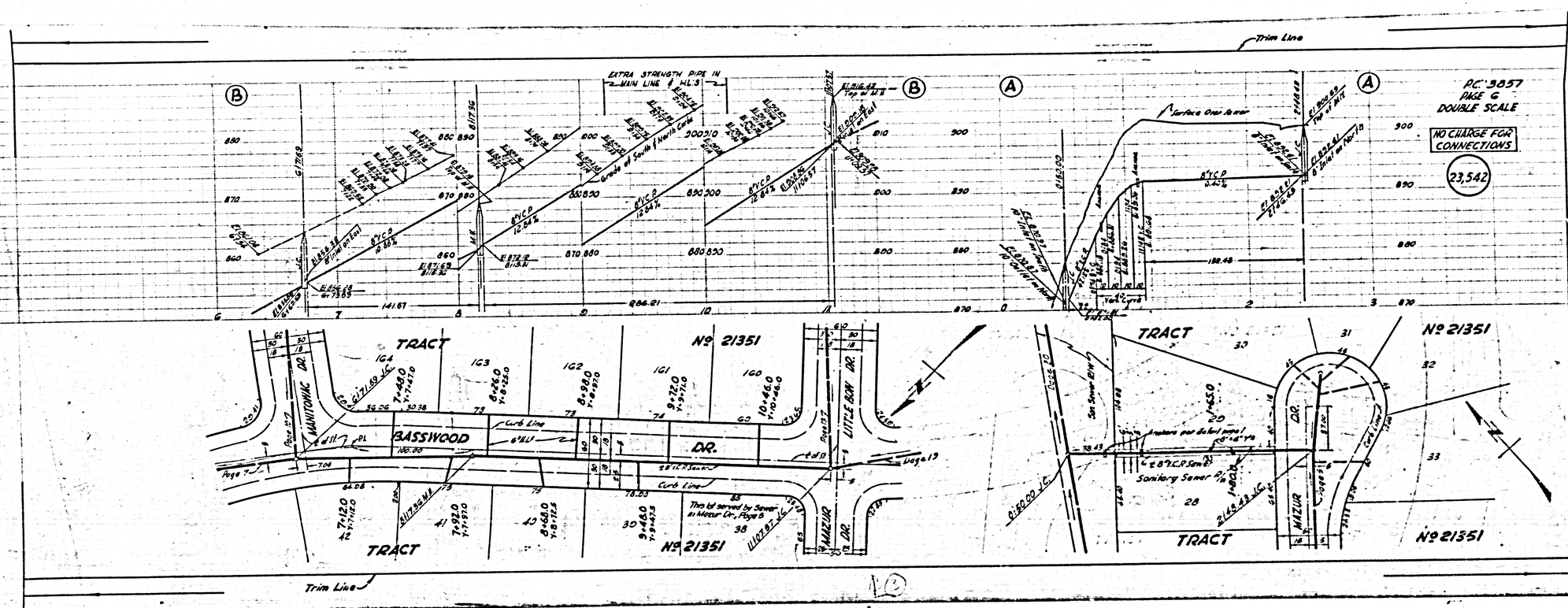




Trim Line
R.C. 3857
PAGE 4
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
23,540
Surface Over Sewer
10" V.C.P.
0.40 %
880
870
860
166.51
191.64
147.18
241.11
TRACT
Nº 21351
Served by sewer in Mazur Drive, Page 5
Served by sewer in Basswood Ave., Page 8
Served by sewer in Basswood Ave., Page 18
Sen. Sewer R/W
10" VCD Sewer
Page 20
Page 3
POR. LOT H, Rº LOS PALOS VERDES
Trim Line



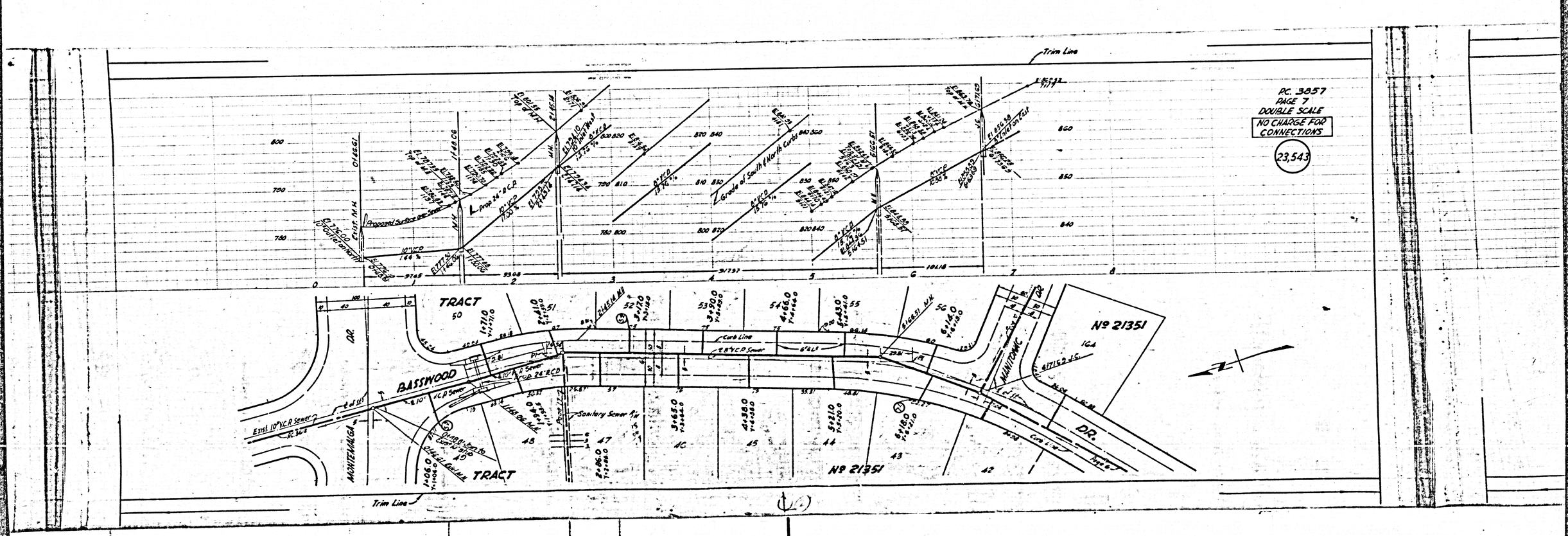
Trim Line
P.C. 3857
PAGE 5
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
23,541
IDENTICAL
Grade of East & West Curbs
Grade of North & South Curbs
TRACT
Nº 21351
MAZUR
DR.
IDENTICAL POINTS
LITTLEBOW RD.
Sanitary Sewer
Trim Line

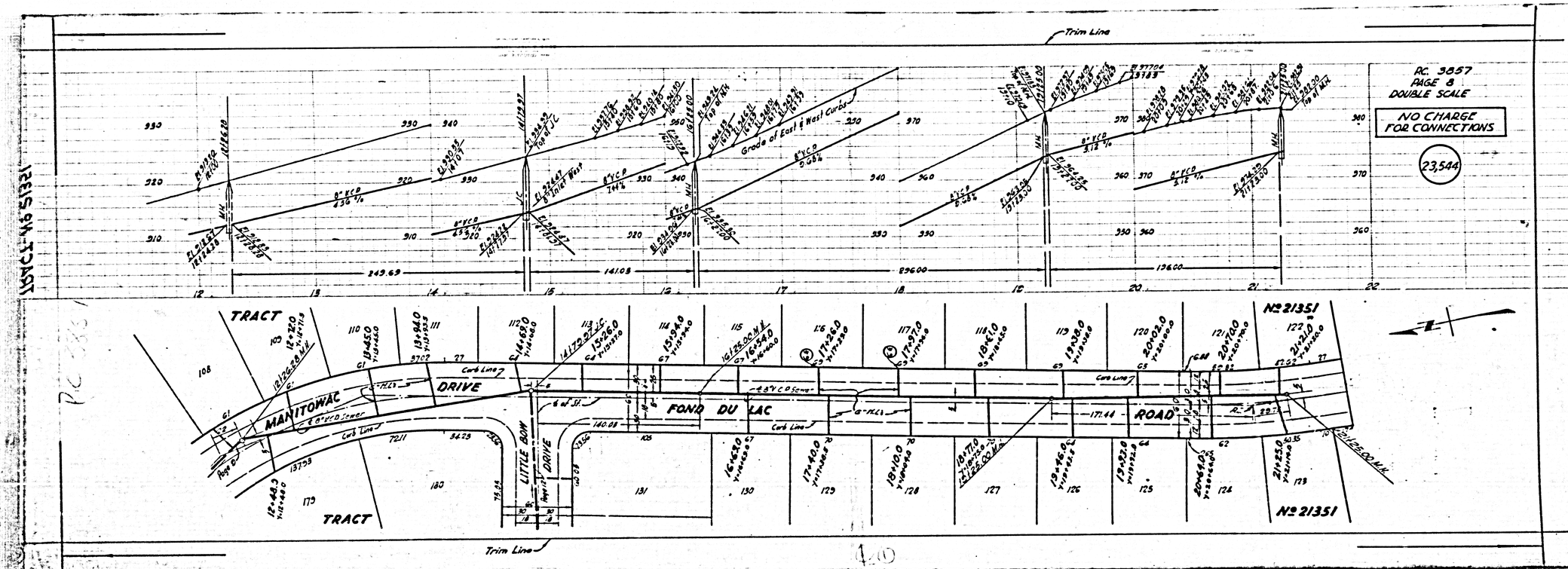


P.C. 3857
PAGE 6
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
23,542
Trim Line
EXTRA STRENGTH PIPE IN MAIN LINE & H.L.'S
Grade of South & North Curbs
Surface Over Sewer
TRACT
Nº 21351
BASSWOOD
DR.
MANITOWAC DR.
LITTLE BOW DR.
MAZUR DR.
Curb Line
This lot served by Sewer in Mazur Dr., Page 5
Sanitary Sewer
Anchors per detail page 1

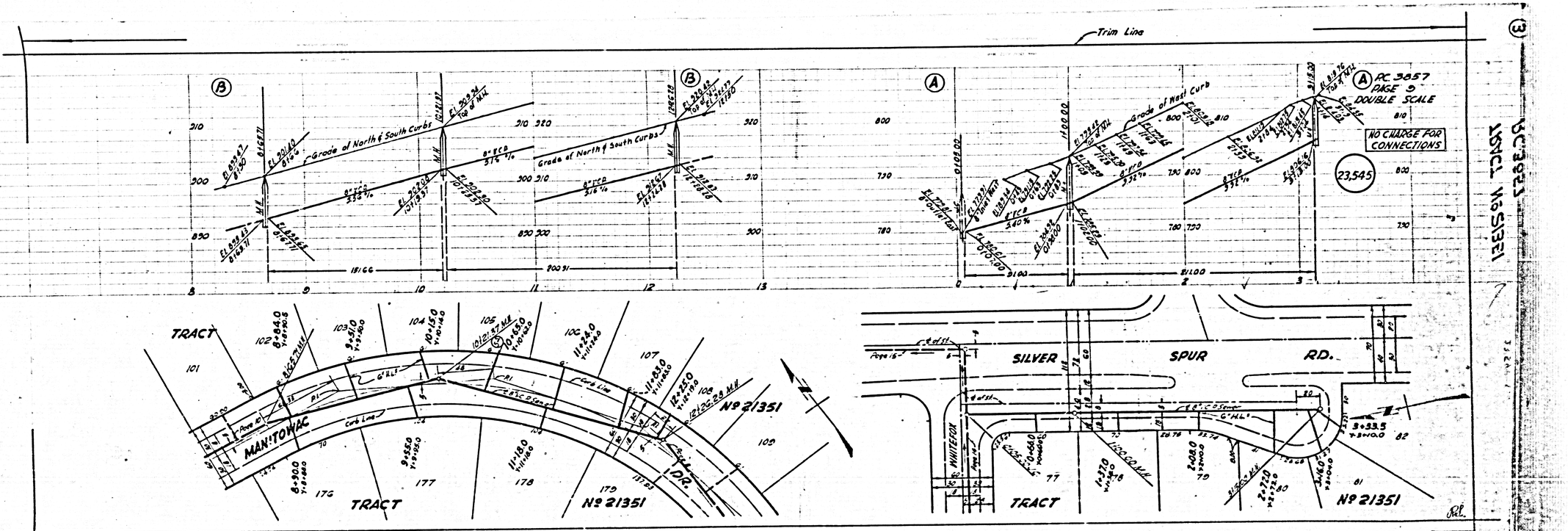
PC. 3857
PAGE 7
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS

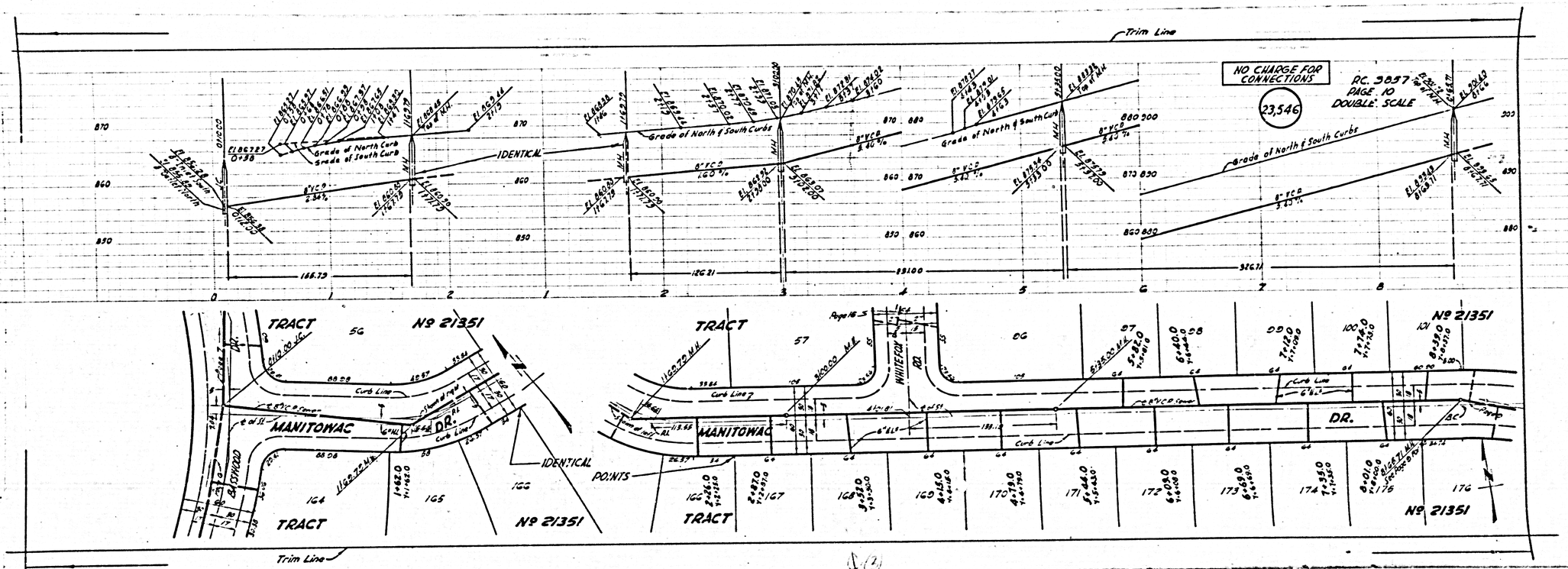
23,543



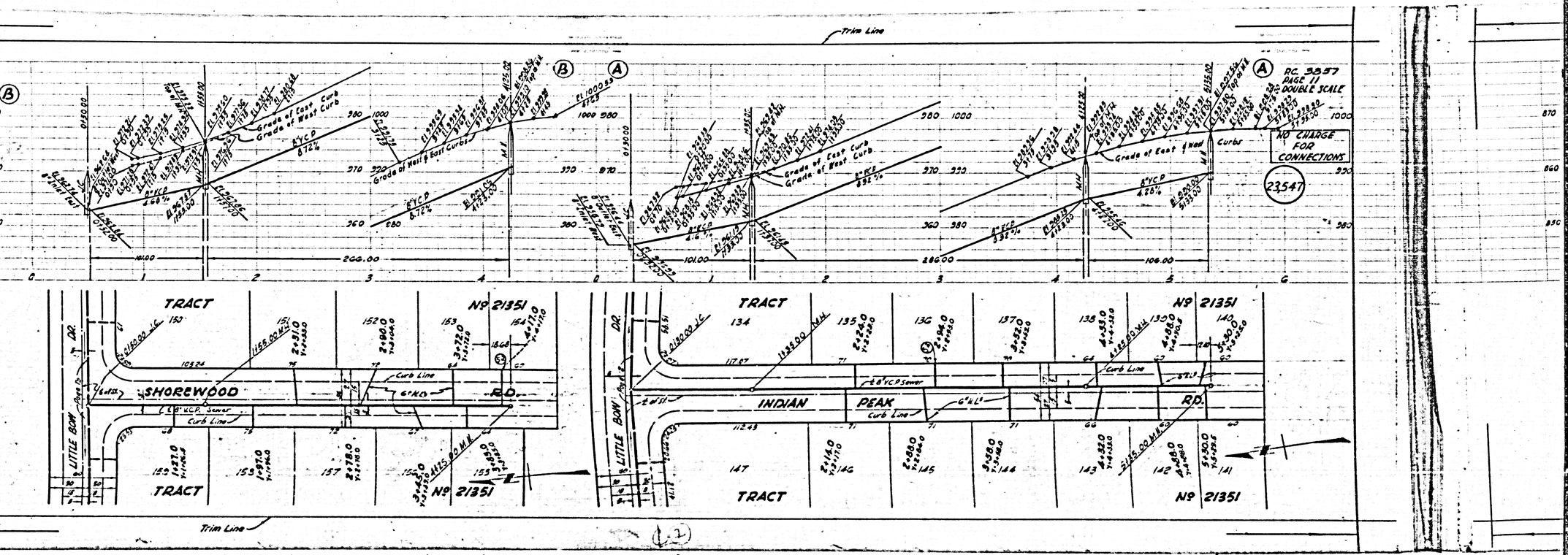


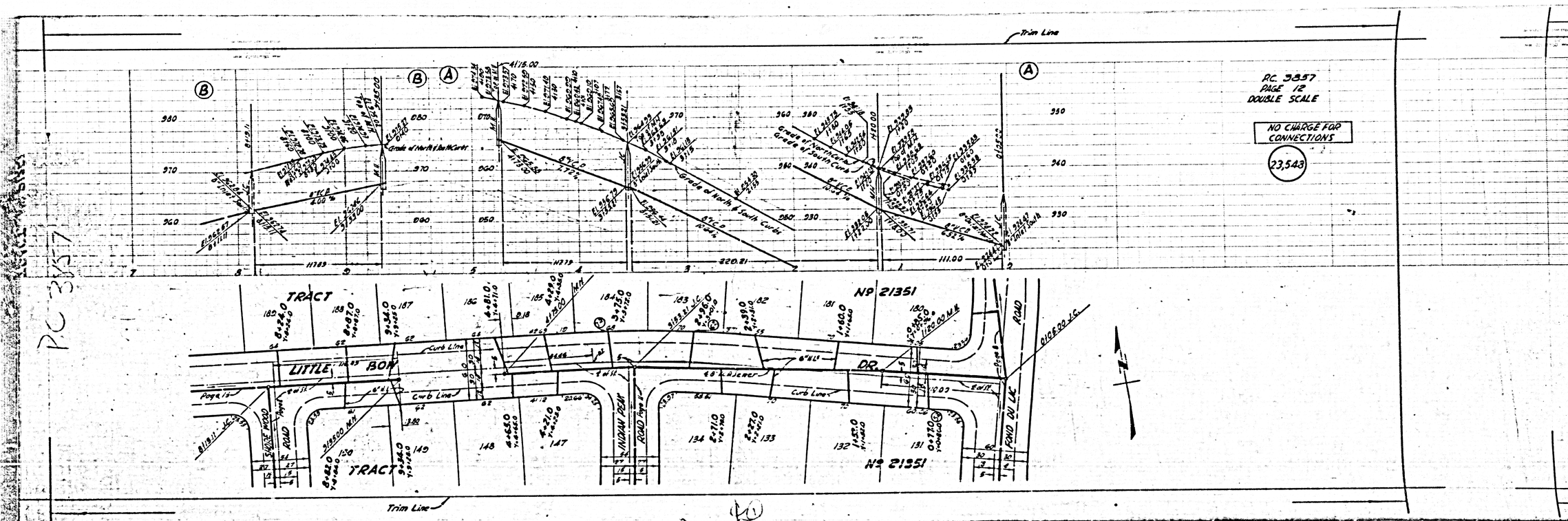
Trim Line
P.C. 3857
PAGE 8
DOUBLE SCALE
NO CHARGE
FOR CONNECTIONS
23,544
Grade of East & West Curbs
249.69
141.03
296.00
196.00
TRACT
MANITOWAC
DRIVE
FOND DU LAC
ROAD
LITTLE BOW
DRIVE
Curb Line
Page 8
Nº 21351
Nº 21351
Trim Line


Trim Line
Grade of North & South Curbs
Grade of East Curb
Grade of West Curb
Grade of North & South Curbs
Trim Line
TRACT
MANITOWAC
TRACT
No 21351
TRACT
No 21351
SILVER
SPUR
RD.
WHITEFISH
TRACT
No 21351
P.C. 3857
PAGE 9
DOUBLE SCALE
NO CHARGE FOR
CONNECTIONS
23,545
TRACT 13521
No 21351

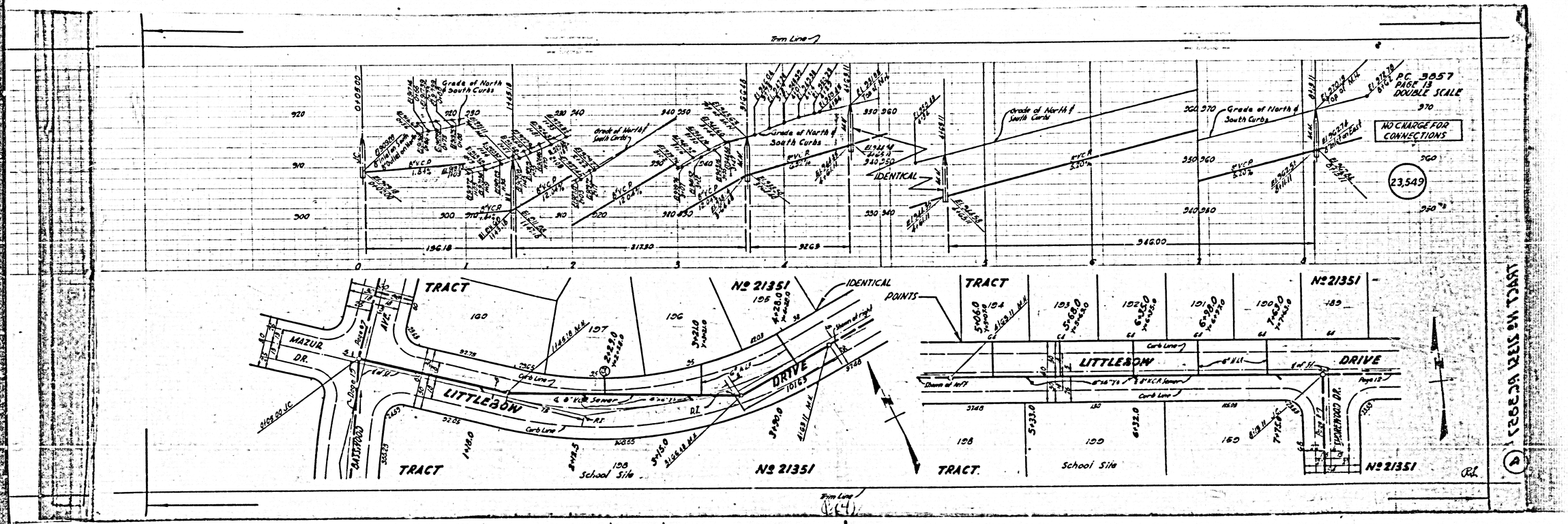


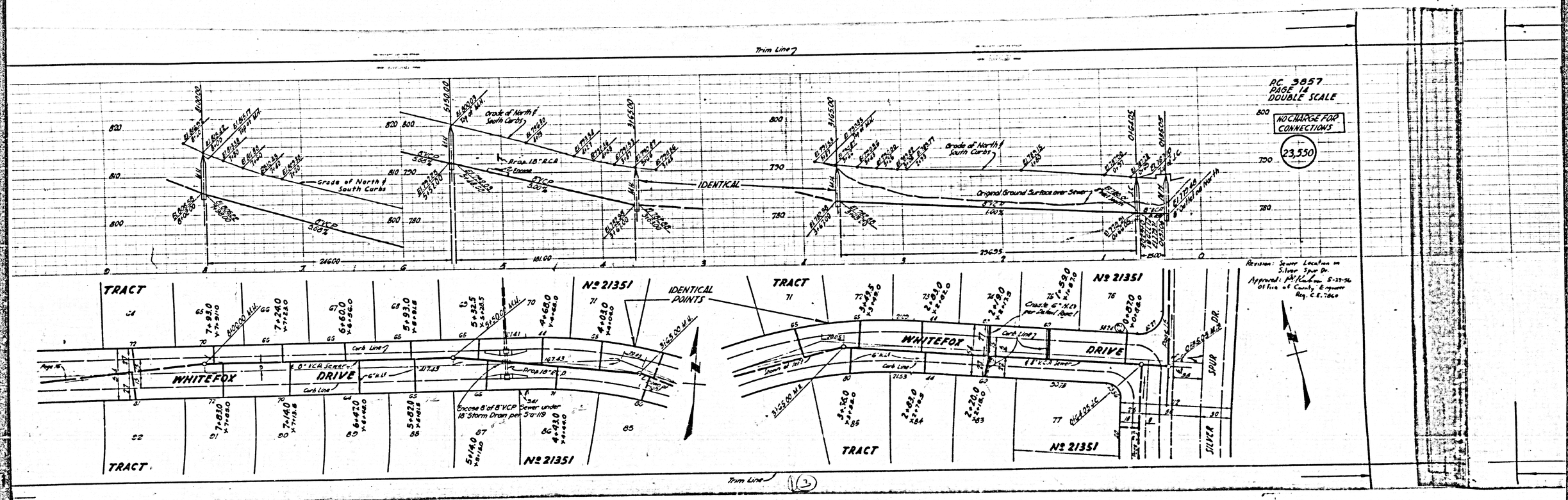
Trim Line
NO CHARGE FOR CONNECTIONS
23,546
R.C. 3857
PAGE 10
DOUBLE SCALE
Grade of North & South Curbs
IDENTICAL
TRACT
Nº 21351
MANITOWAC
DR.
Curb Line
WHITEFOX RD.
POINTS
BAYSWOOD
Trim Line


Trim Line
RC. 3857
PAGE 11
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
23,547
Grade of East Curb
Grade of West Curb
Grade of West & East Curbs
TRACT
Nº 21351
SHOREWOOD
RD.
INDIAN
PEAK
Curb Line
LITTLE BOW
DR.
Trim Line



P.C. 3857
PAGE 12
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
23,543
Trim Line
TRACT
LITTLE BOW DR.
Nº 21351
Curb Line
INDIAN PEAK ROAD
FOND DU LAC ROAD
SHORE WOOD ROAD
Grade of North & South Curbs
Grade of North Curb
Grade of South Curb


From Line
Grade of North of South Curbs
8"V.C.P.
1.84%
12.04%
5.20%
IDENTICAL
Grade of North of South Curbs
Top of Hill
PC 3857
PAGE 18
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
23,549
19618
21330
9269
34600
TRACT
160
MAZUR
DR.
LITTLEBOW
DRIVE
Curb Line
8" V.C.P. Sewer
School Site
No 21351
IDENTICAL POINTS
TRACT.
School Site
No 21351
From Line

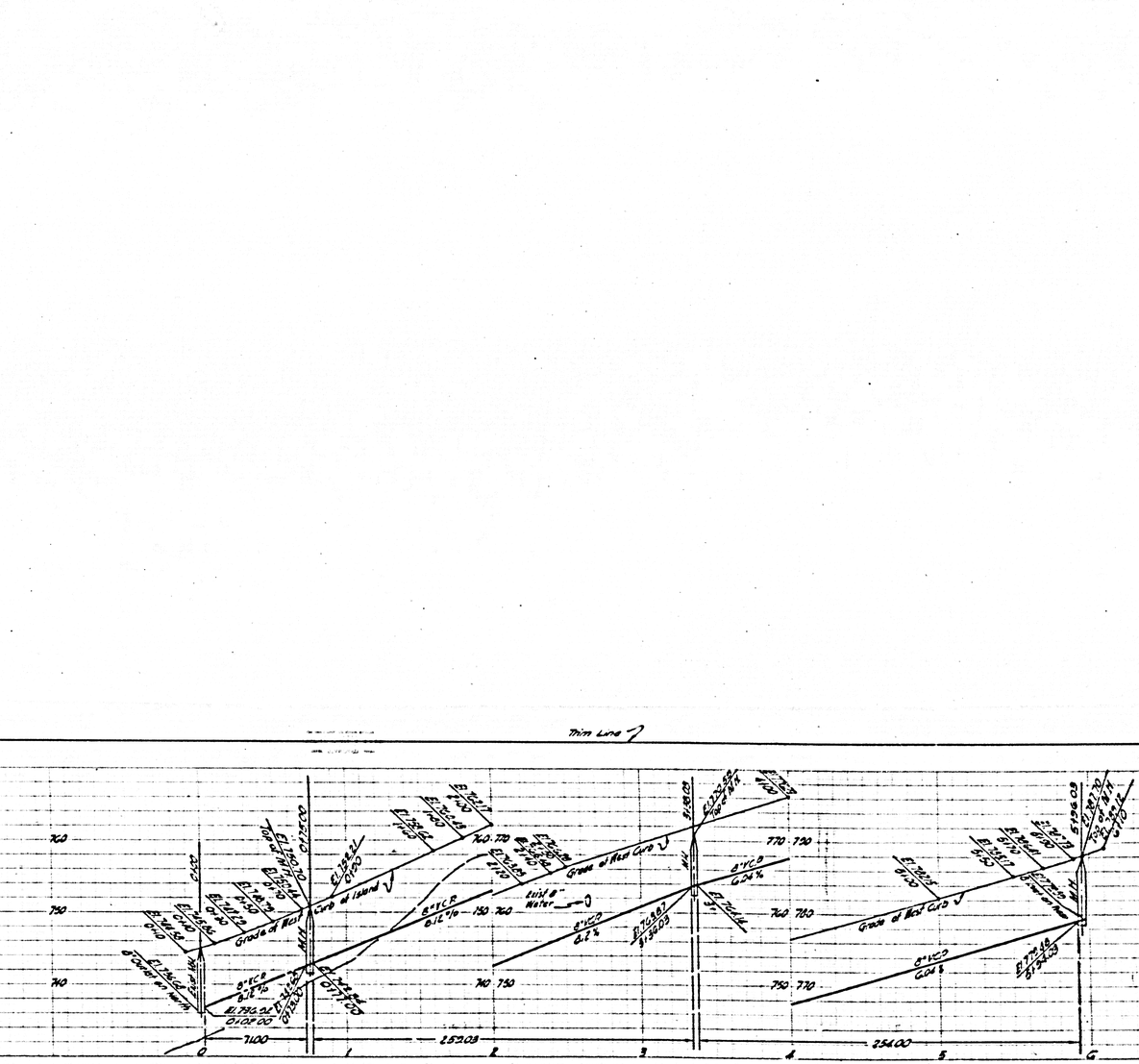


Trim Line
P.C. 3857
PAGE 14
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
23,550
Grade of North & South Curbs
IDENTICAL
Original Ground Surface over Sewer
8" Outlet on North
IDENTICAL POINTS
TRACT
No 21351
WHITEFOX
DRIVE
SPUR
SILVER
DR.
Curb Line
Encase 8' of 8" VCP Sewer under 18" Storm Drain per 5-a-119
Revision: Sewer Location in Silver Spur Dr.
Approved: Office of County Engineer Reg. C.E. 7860

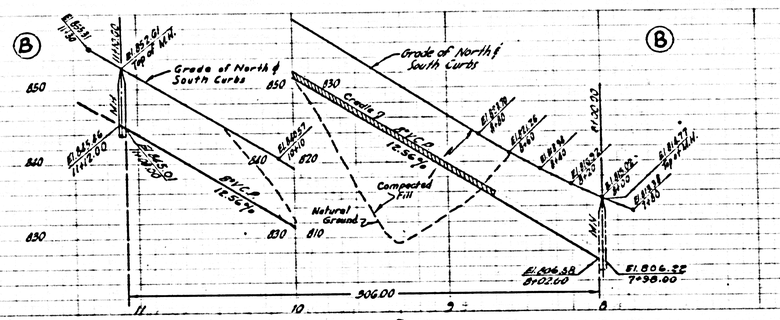
P.C. 3857
PAGE 13
DOUBLE SCALE

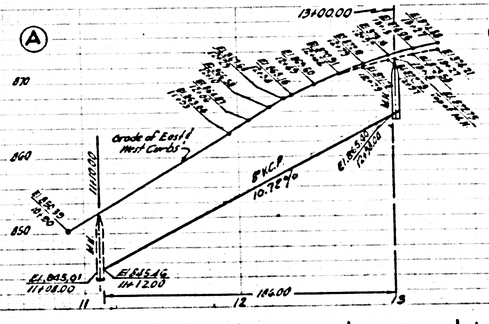
NO CHARGE FOR CONNECTIONS

23,551


Trim Line
Grade of West Curb
Curb Line
Curb of Island
Grade of West
Edge of Pavement
Edge of Pavement on North
8"VCP
Exist 8" Water
Exist 8" Water
Exist 8" Water

Trim Line


B
B
Grade of North & South Curbs
Cradle 9
Compacted Fill
Natural Ground
El. 806.58
El. 806.32
906.00


A
A
Grade of East & West Curbs
El. 845.01
El. 845.46
El. 845.16
El. 845.39
El. 845.50
El. 845.57
El. 845.61
El. 845.62
El. 845.63
El. 845.64
El. 845.65
El. 845.66
El. 845.67
El. 845.68
El. 845.69
El. 845.70
El. 845.71
El. 845.72
El. 845.73
El. 845.74
El. 845.75
El. 845.76
El. 845.77
El. 845.78
El. 845.79
El. 845.80
El.

Trim Line

PC. 3857
PAGE 17
DOUBLE SCALE

NO CHARGE FOR CONNECTIONS

23,553

EXTRA STRENGTH PIPE IN MAIN LINE

Surface Drain Sewer

Original Ground

10" V.C.P.

10" Canal on North

POR. LOT H, R.S. LOS PALOS VERDES

TRACT No 21351

Anchors (See Detail page 1)

Page 20

Sanitary Sewer R/W

Page 22

DRIVE

BASSWOOD

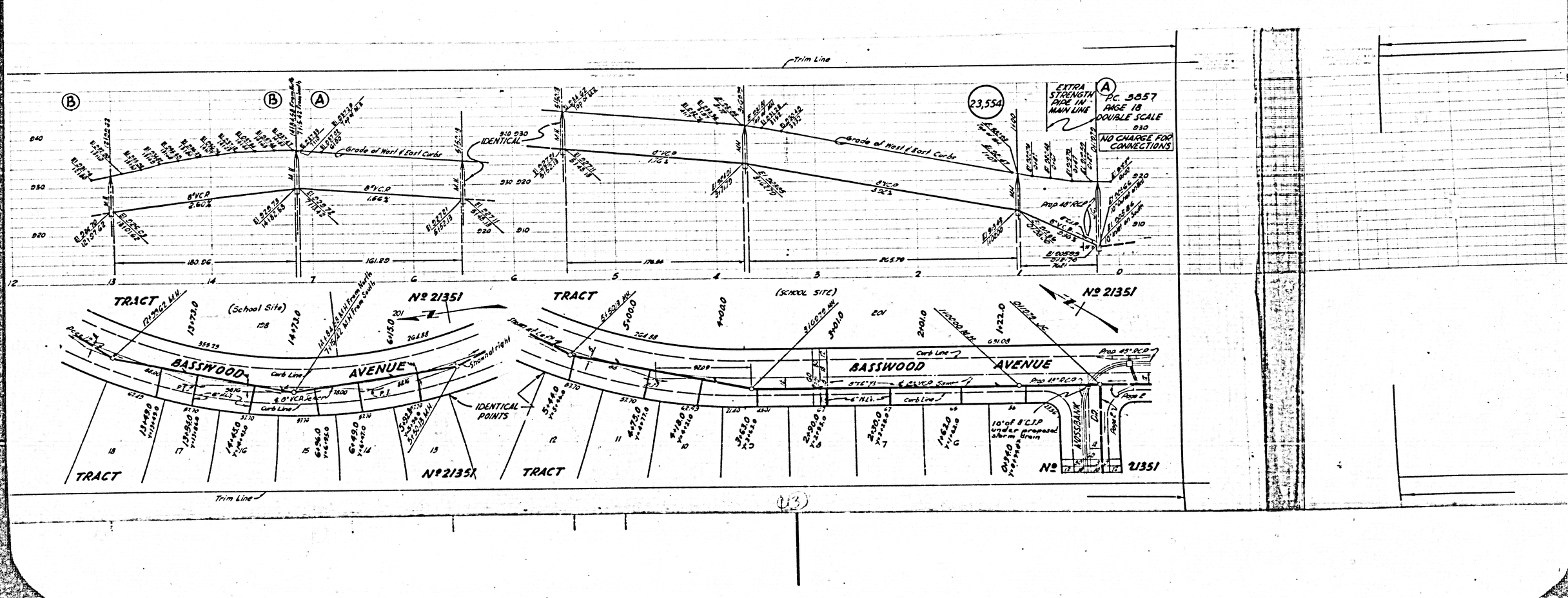
TRACT 31

TRACT No 21351

Trim Line

(2)

TRACT No 21351


Trim Line
(B)
(B)
(A)
Grade of West & East Curbs
8"V.C.P 2.60%
8"V.C.P 1.66%
8"V.C.P 1.16%
IDENTICAL
180.06
161.80
178.84
165.70
23,554
EXTRA STRENGTH PIPE IN MAIN LINE
(A)
P.C. 3857 PAGE 18 DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
Prop 48" RCP
8"V.C.P 5.30%
10' of 8" C.I.P under proposed storm drain
TRACT
(School Site)
No 21351
BASSWOOD AVENUE
Curb Line
Sta and right
IDENTICAL POINTS
(SCHOOL SITE)
Trim Line
(13)

Trim Line

P.C. 9857
PAGE 19
DOUBLE SCALE

NO CHARGE FOR CONNECTIONS

23,555

Corner of Hastings East Curbs

8"VCP 8.3%

188.06

TRACT No 21351

LITTLE BASSWOOD DR.

BASSWOOD AVENUE

Curb Line

8"VCP Sewer P.I.

Page 67

Page 5

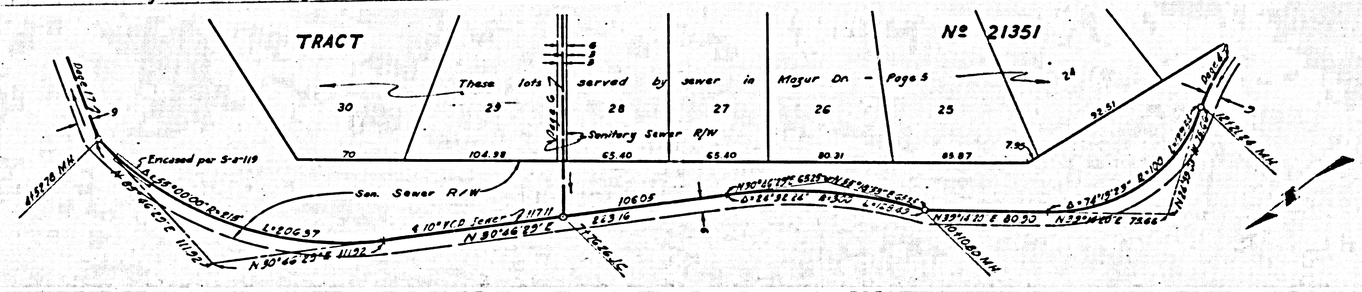
MAYFAIR DR.

TRACT No 21351

TRACT

Trim Line

Trim Line



Trim Line