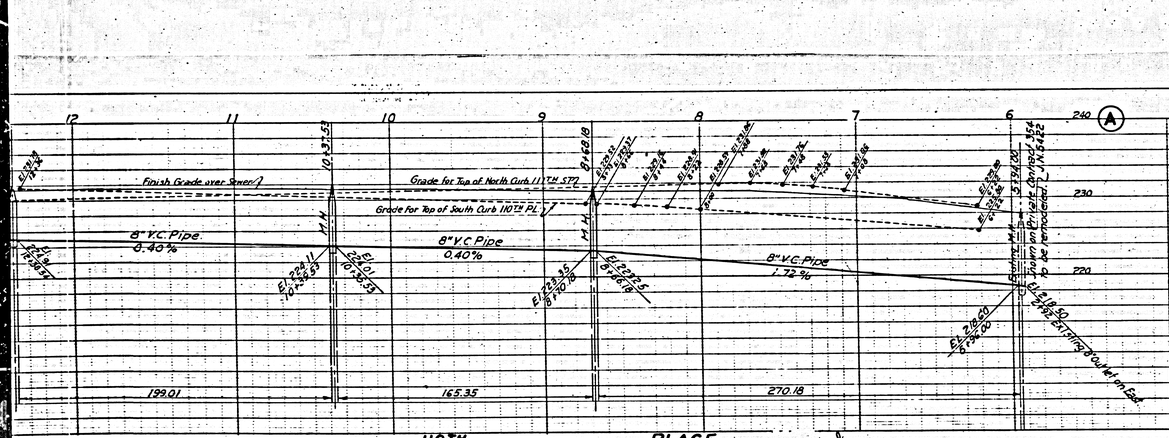
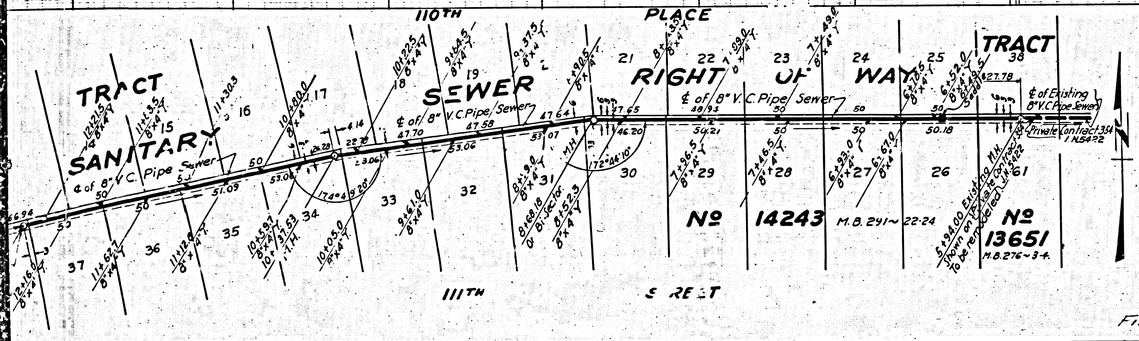
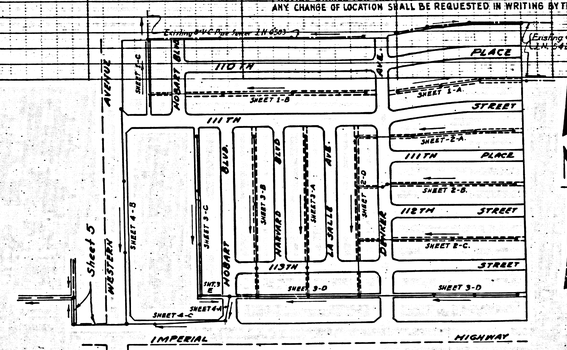






INDEX MAP
Scale: 1"=300'

B.M. ELEV. 205.83
~~WESTERN AVE. AND 108TH ST.~~
LEAD & TACK, CENTER CURB RETURN N.W. Cor.

DOUBLE SCALE.

(1) USE STANDARD MANHOLE FRAMES AND COVERS S-a-417 UNLESS NOTED OTHERWISE ON THE PLANS.
(2) ~~USE STANDARD STRENGTH PIPE (EXCEPT AS NOTED)~~
(3) USE CEMENT MORTAR FOR ALL V.C.P. JOINTS.
(4) CONSTRUCT HOUSE CONNECTIONS AS PER STANDARD SPECIFICATIONS WITH INVERT AT PROPERTY LINE TO ELEVATIONS SHOWN ON THE PLANS.
(5) ENCASE FOUR FEET (4') OF SEWER AT POINTS OF INTERFERENCE WITH POLES AS PER PLAN S-a-104.
(6) ~~ALL SEWER STRUCTURES SHALL BE BRICK STRUCTURES AND SHALL BE CONSTRUCTED AS PER~~ STANDARD PLAN S-a-104.
(7) CONSTRUCT TOPS OF ALL SEWER STRUCTURES IN RIGHTS OF WAY SIX INCHES (6") ABOVE FINISH GRADE.

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 OF ALL HOUSE CONNECTIONS AND "Y" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONS PLAINLY MARKED. ANY CHANGE OF LOCATION SHALL BE REQUESTED IN WRITING BY THE OWNER OR HIS REPRESENTATIVE

PROFILE ALIGNMENT AND GRADE OF (1)

SANITARY SEWERS
TO BE CONSTRUCTED IN
SANITARY SEWER RIGHTS OF WAY
IN TRACT No 14243, M.B. 291~22-24,
ALLEY EAST OF WESTERN AVENUE
BETWEEN THE NORTHERLY LINE OF TRACT No 14243 AND 111TH ST.

PRIVATE CONTRACT NO. 456
W.S. 26.
SHEET 1 OF 5 SHEETS

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

PREPARED IN THE OFFICES OF
HAROLD M. TEGART,
COUNTY ENGINEER

BY: Wayne A. Patterson
ASST. C.E. No. 6144

FOR LEGEND
SEE PLAN S-a-64.

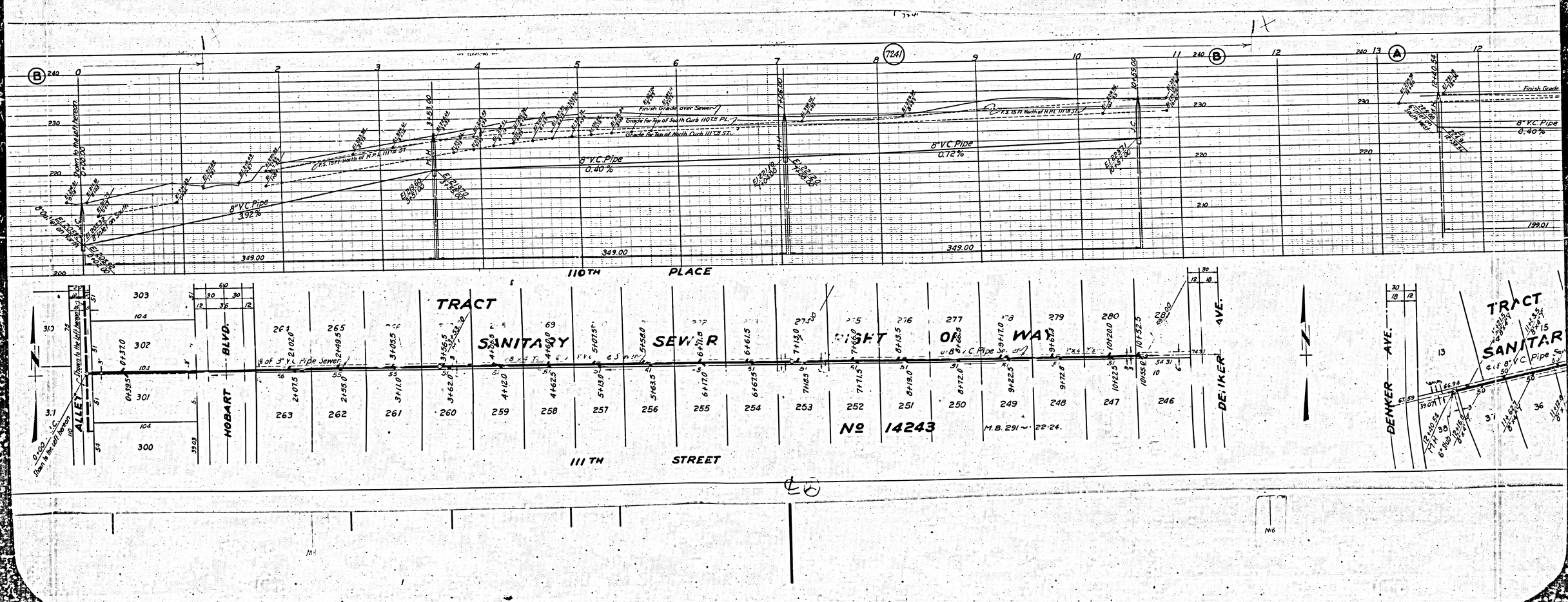
NOTE:
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREET OR CENTER LINE OF ALLEY ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
ELEVATIONS ARE IN FEET ABOVE U.S.G.S. DATUM ON MEAN SEA LEVEL.
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 DEPARTMENT, 1104 HALL OF RECORDS, AND MAKE A DEPOSIT WITH THE COUNTY ENGINEER, 700 FAIRVIEW LEAGUE BUILDING, SUFFICIENT TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 808 STATE BUILDING, AFTER MAKING THE DEPOSIT WITH THE COUNTY ENGINEER.

APPROVED: Alfred Jones, COUNTY ENGINEER
APPROVED: C. E. Ernst, ASST. CHIEF ENGINEER OF COUNTY SANITATION DISTRICTS

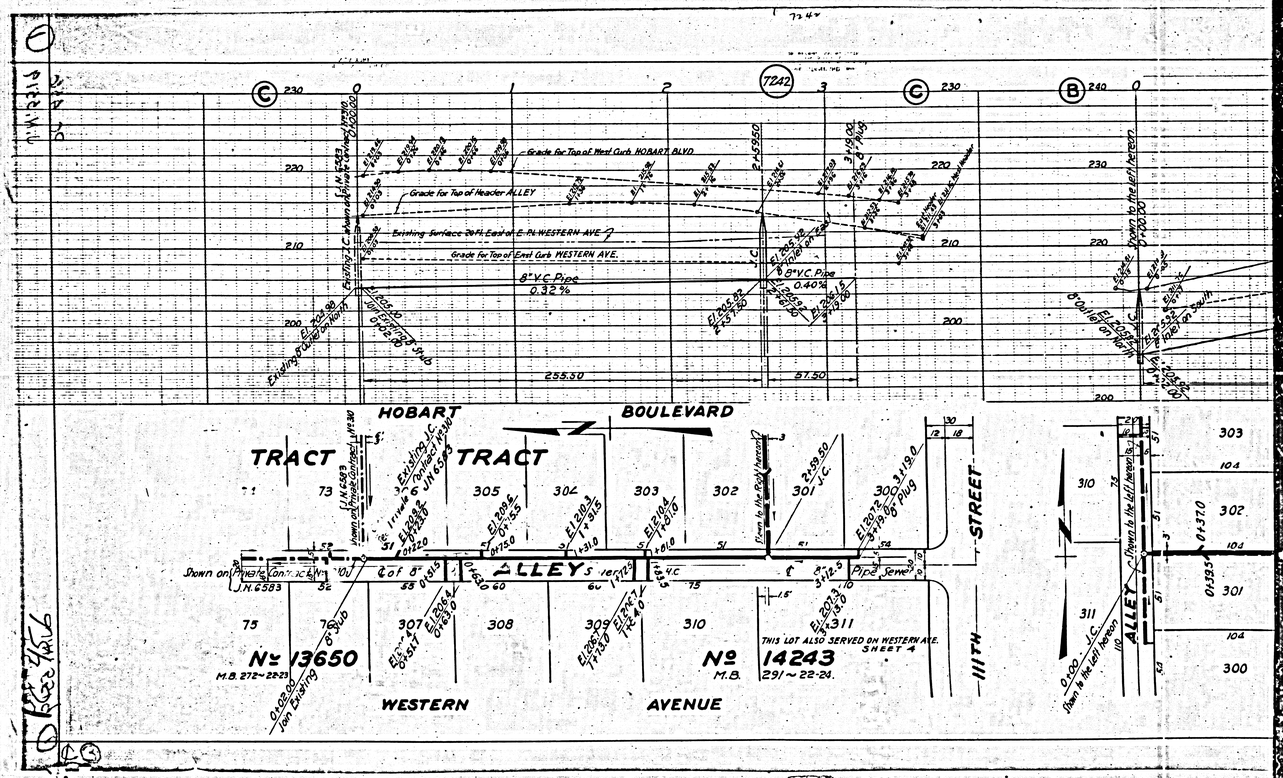
CHECKED BY: Fred B. Kane, DEPUTY COUNTY ENGINEER Dec 16

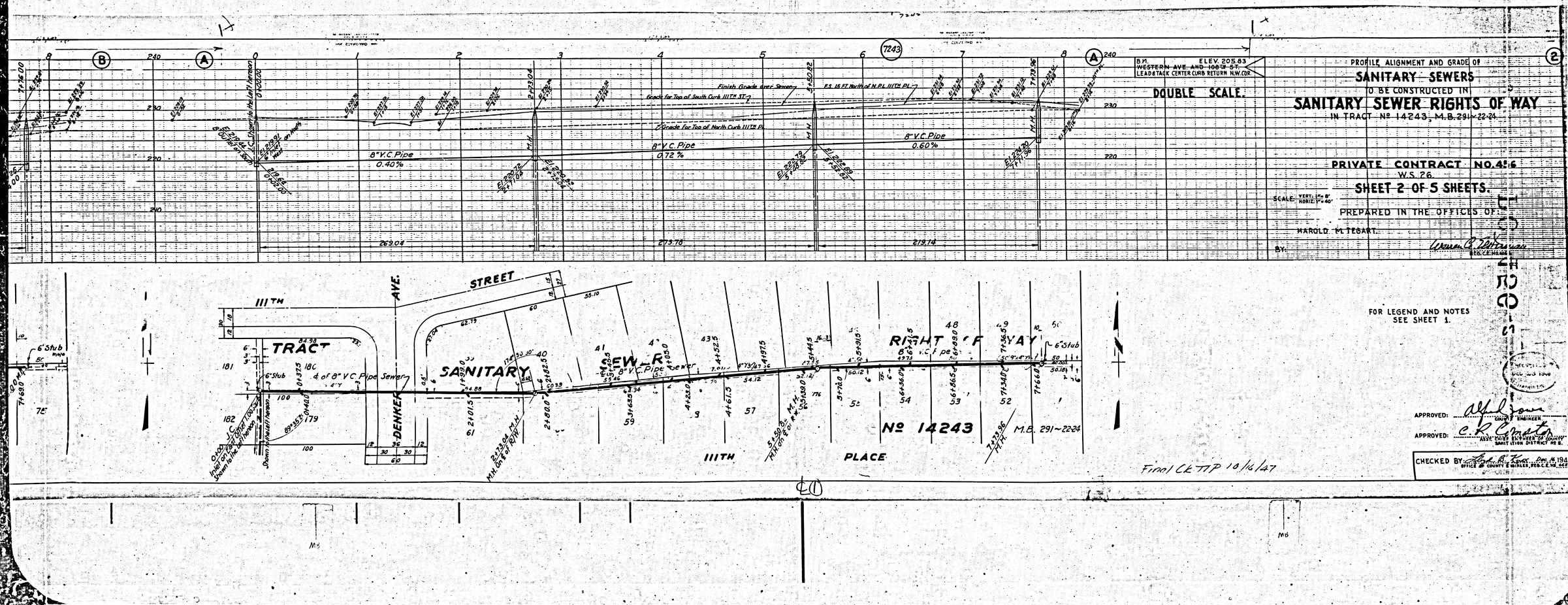
Final C.K. T.I.P. 10/16/47

Final C.K. T.I.P. 10/16/47

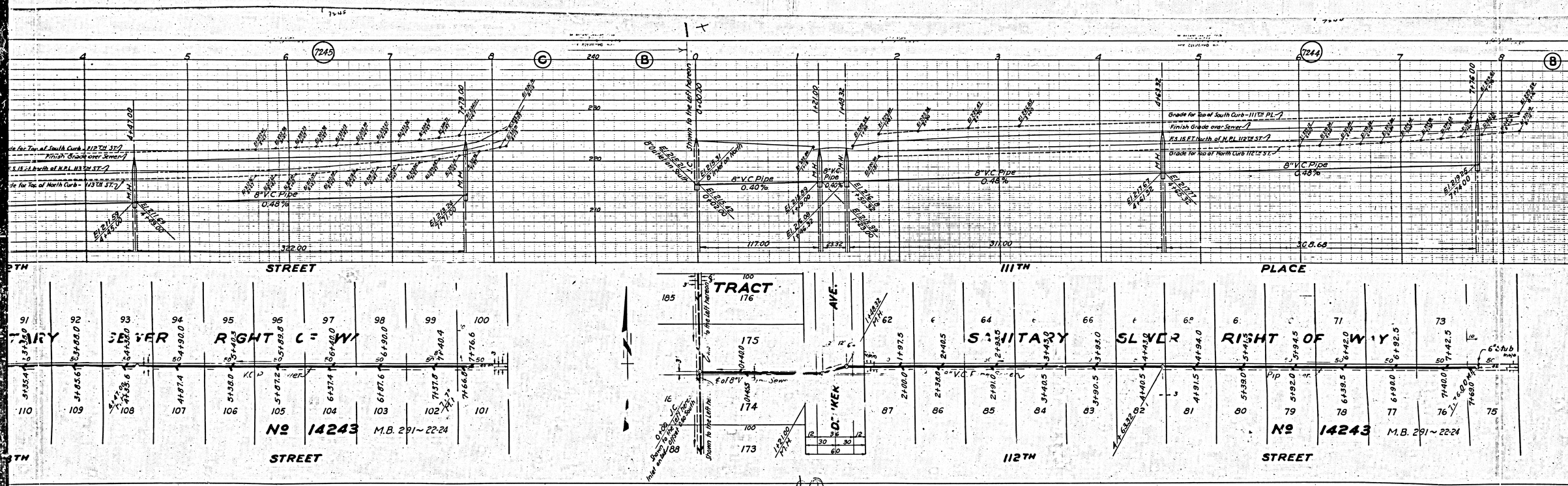


110TH PLACE
111TH STREET
TRACT
SANITARY SEWER RIGHT OF WAY
No 14243
M.B. 291 ~ 22-24.
ALLEY
HOBART BLVD.
DENKER AVE.
8" V.C. Pipe 3.92%
8" V.C. Pipe 0.40%
8" V.C. Pipe 0.72%
Finish Grade over Sewer
Grade for Top of South Curb 110TH PL.
Grade for Top of North Curb 111TH ST.
F.S. 15 Ft. North of N.P.L. 111TH ST.
349.00
199.01

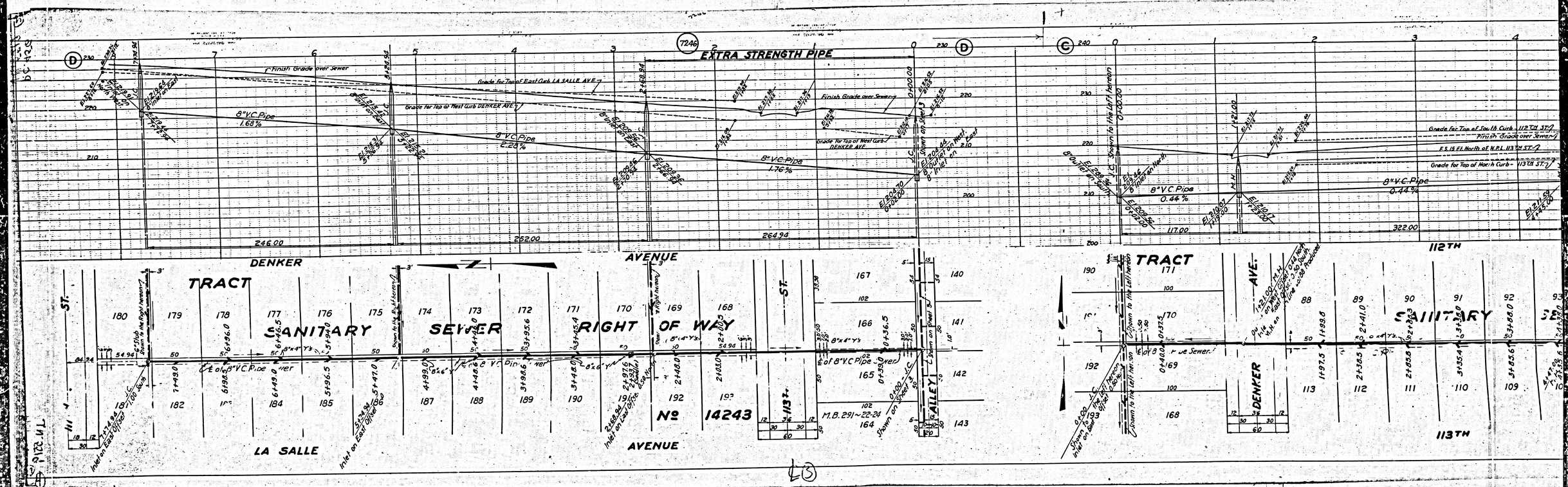

HOBART
BOULEVARD
TRACT
TRACT
ALLEY
WESTERN
AVENUE
111TH
STREET
No 13650
M.B. 272~22-23
No 14243
M.B. 291~22-24.
THIS LOT ALSO SERVED ON WESTERN AVE.
SHEET 4
Grade For Top of West Curb HOBART BLVD.
Grade For Top of Header ALLEY
Existing Surface 30 Ft. East of E. Pl. WESTERN AVE.
Grade For Top of East Curb WESTERN AVE.
8" V.C. Pipe
0.32 %
8" V.C. Pipe
0.40%
Existing S.C. Manhole
Existing I.C.
Existing I.C. Manhole
Shown on Private Conn. I.C. No. M.6583
Shown on Private Conn. I.C. No. M.6583
Shown to the Left hereon
Shown to the Left hereon
Shown to the Left hereon
Shown to the Left hereon
Shown to the Right hereon
Shown to the Left hereon
Existing I.C.
Existing I.C.
Existing I.C.



PROFILE ALIGNMENT AND GRADE OF
SANITARY SEWERS
TO BE CONSTRUCTED IN
SANITARY SEWER RIGHTS OF WAY
IN TRACT Nº 14243, M.B. 291~22-24
PRIVATE CONTRACT NO. 456
W.S. 26.
SHEET 2 OF 5 SHEETS.
PREPARED IN THE OFFICES OF:
HAROLD M. TEGART.
BY:
DOUBLE SCALE.
B.M. ELEV. 205.83
WESTERN AVE. AND 108TH ST.
LEAD & TACK CENTER CURB RETURN N.W. COR.
8" V.C. Pipe 0.40%
8" V.C. Pipe 0.72%
8" V.C. Pipe 0.60%
269.04
273.78
219.14
111TH STREET
DENKER AVE.
TRACT
SANITARY SEWER
RIGHT OF WAY
Nº 14243
M.B. 291~22-24
111TH PLACE
FOR LEGEND AND NOTES SEE SHEET 1.
APPROVED:
APPROVED:
CHECKED BY:
Final CK TIP 10/16/47



STREET
111TH
PLACE
TRACT
AVE.
SANITARY SEWER RIGHT OF WAY
No 14243 M.B. 291~22-24
112TH
STREET
8" V.C. Pipe 0.48%
8" V.C. Pipe 0.40%
Grade for Top of South Curb - 111TH PL.
Finish Grade over Sewer
Grade for Top of North Curb 112TH ST.



EXTRA STRENGTH PIPE
Finish Grade over Sewer
Grade for Top of East Curb LA SALLE AVE.
Grade for Top of West Curb DENKER AVE.
8" V.C. Pipe 1.68%
8" V.C. Pipe 2.28%
8" V.C. Pipe 1.76%
8" V.C. Pipe 0.44%
8" V.C. Pipe 0.44%
Grade for Top of South Curb - 112TH ST.
Finish Grade over Sewer
F.S. 15 Ft. North of N.P.L. 113TH ST.
Grade for Top of North Curb - 113TH ST.
246.00
252.00
264.94
117.00
322.00
DENKER
AVENUE
112TH
TRACT
SANITARY
SEWER
RIGHT OF WAY
ST.
113TH
ALLEY
AVE.
DENKER
LA SALLE
AVENUE
Nº 14243
M.B. 291~22-24

(7246)

EXTRA STRENGTH

Finish Grade over Sewer

Grade for Top of East Curb LA SALLE AVE.

Grade for Top of West Curb DENKER AVE.

8" V.C. Pipe 1.68%

8" V.C. Pipe 2.28%

8" V.C. Pipe 1.76%

246.00

262.00

264.94

DENKER AVENUE

TRACT

SANITARY SEWER

RIGHT OF WAY

ST.

LA SALLE AVENUE

No 14243

Inlet on East Offset

Inlet on East Offset

Inlet on East Offset

Inlet on East Offset

Connect to the Proposed 8" V.C.P. Sewer

Connect to the Proposed 8" V.C.P. Sewer

Connect to the Proposed 8" V.C.P. Sewer

B.M. ELEV 205.83
WESTERN AVE AND 109TH ST.
LEAD & TACK CENTER CURB RETURN N.W. CORNER

DOUBLE SCALE.

PROFILE ALIGNMENT AND GRADE OF
SANITARY SEWERS
TO BE CONSTRUCTED IN
SANITARY SEWER RIGHTS OF WAY
IN TRACT No 14243, M.B. 291-22-24.
ALLEY NORTH OF IMPERIAL HIGHWAY
BETWEEN ALLEY WEST OF HOBART BLVD. AND THE EAST LINE OF TRACT NO 14234
ALLEY WEST OF HOBART BOULEVARD
BETWEEN 111TH ST. AND ALLEY NORTH OF IMPERIAL HWY.
PRIVATE CONTRACT NO. 456
W.S. 26
SCALE: VERT. 1"=5' HORIZ. 1"=40'
SHEET 3 OF 5 SHEETS
PREPARED IN THE OFFICES OF:
HAROLD M. TEGART
BY: Warren A. Peterson
REG. C.E. & L.S. No. 6154

FOR LEGEND AND NOTES
SEE SHEET 1.

RECEIVED
DEC 12 1946
SANITATION DIST. NO. 2

APPROVED: Alfred Jones
COUNTY ENGINEER

APPROVED: C. L. Eaton
ASST. CHIEF ENGINEER, COUNTY SANITATION DIST. NO. 2

CHECKED BY: Fred B. Turner
OFFICE OF COUNTY ENGINEER
Dec. 14, 1946

Final Ck'd TIP 10/16/47

LA SALLE AVENUE

TRACT No 14243 M.B. 291-22-24.

SANITARY SEWER RIGHT OF WAY

HARVARD BOULEVARD

111TH ST.

113TH ST.

ALLEY

Grade for Top of East Curb HARVARD BLVD.

Finish Grade over Sewer

Grade for Top of West Curb LA SALLE AVE.

F.S. 15 Ft West of W. Pl. LA SALLE AVE.

8" V.C. Pipe 1.24%

8" V.C. Pipe 0.40%

8" V.C. Pipe 0.40%

6" of 6 V.C. Pipe Sewer

Shown to the left hereon

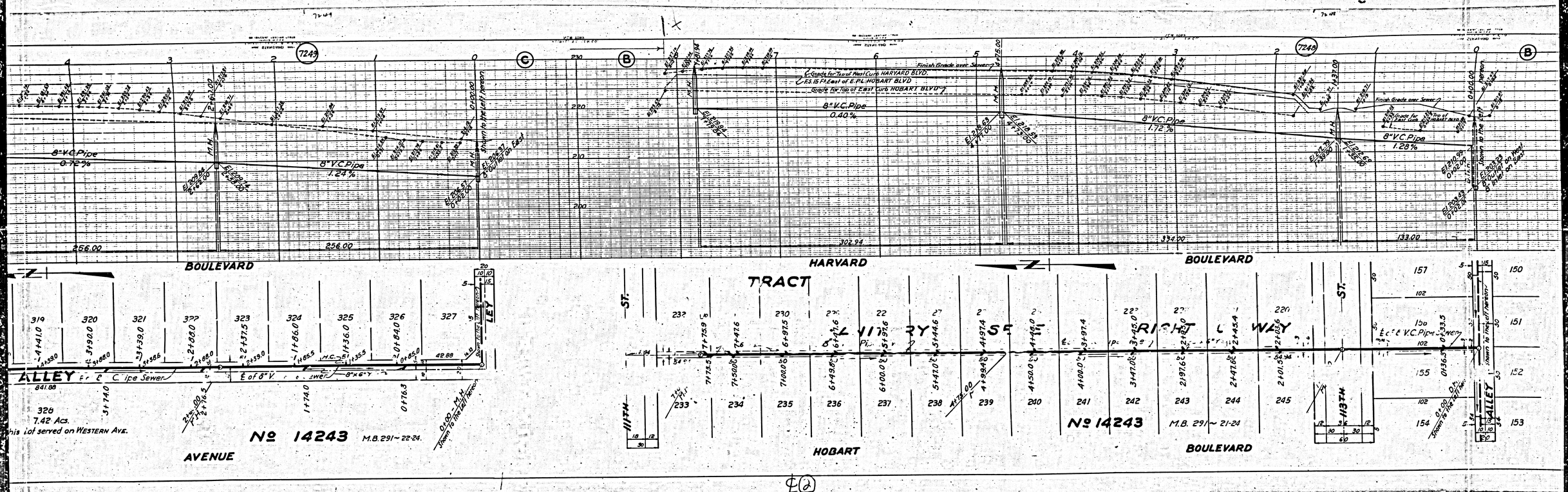
Shown to the right hereon

Shown to the left hereon

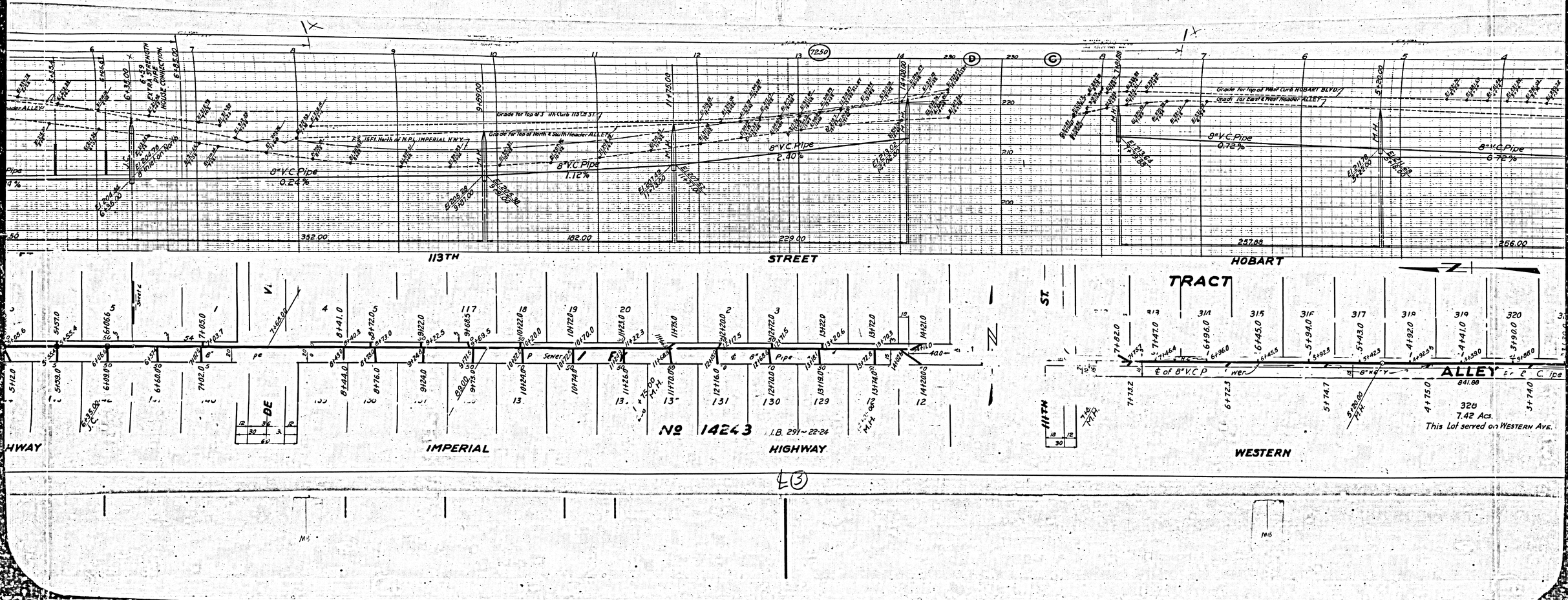
Shown to the right hereon

Shown to the left hereon

Shown to the right hereon



BOULEVARD
HARVARD
BOULEVARD
TRACT
ALLEY
AVENUE
HOBART
BOULEVARD
No 14243
M.B. 291~22-24.
No 14243
M.B. 291~21-24
8" V.C. Pipe 0.72%
8" V.C. Pipe 1.24%
8" V.C. Pipe 0.40%
8" V.C. Pipe 1.72%
8" V.C. Pipe 1.28%
Finish Grade over Sewer
Grade for Top of West Curb HARVARD BLVD.
Grade for Top of East Curb HOBART BLVD.
7.42 Acs.
This lot served on WESTERN AVE.

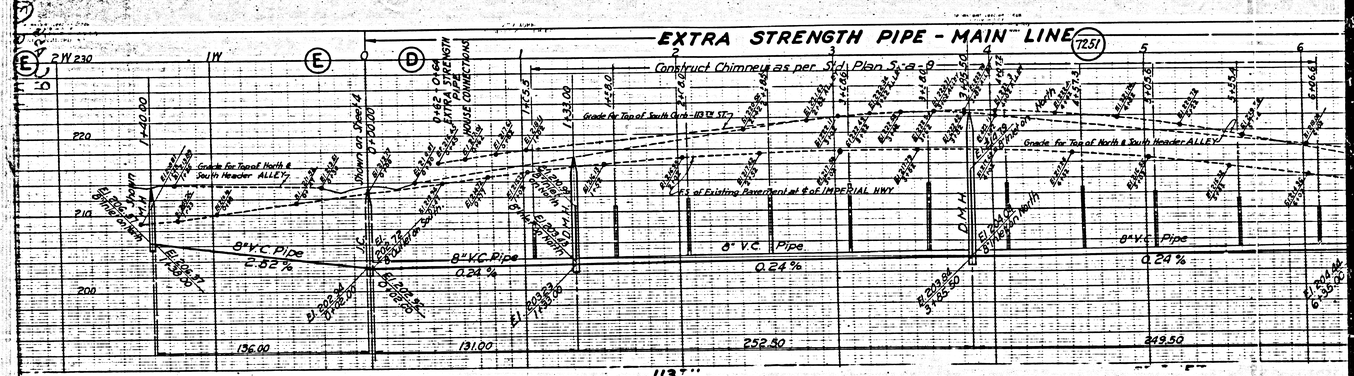


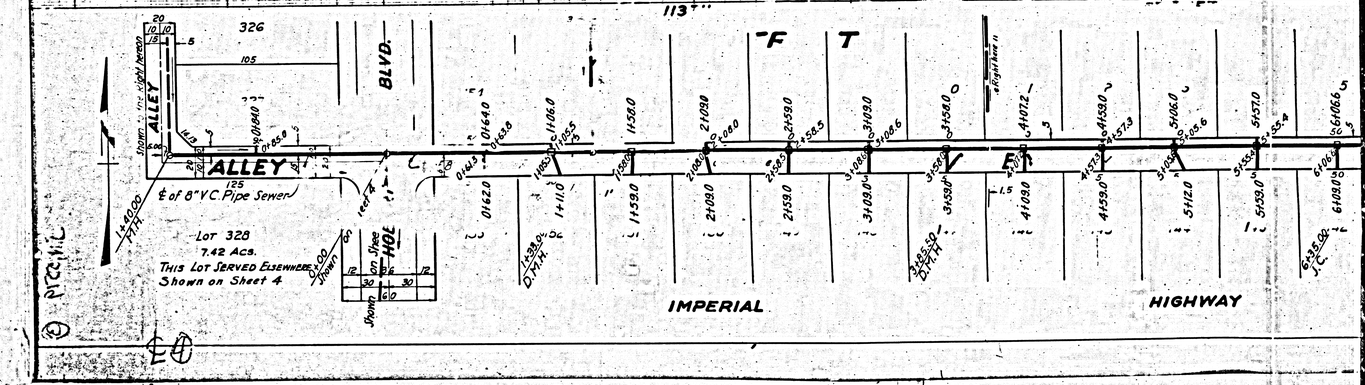
113TH
STREET
HOBART
TRACT
ALLEY
IMPERIAL
HIGHWAY
WESTERN
No 14243
I.B. 291~22-24
328
7.42 Acs.
This Lot served on WESTERN AVE.
8" V.C. Pipe
0.24%
8" V.C. Pipe
1.12%
8" V.C. Pipe
2.40%
8" V.C. Pipe
0.72%
8" V.C. Pipe
0.72%
352.00
182.00
229.00
257.88
256.00

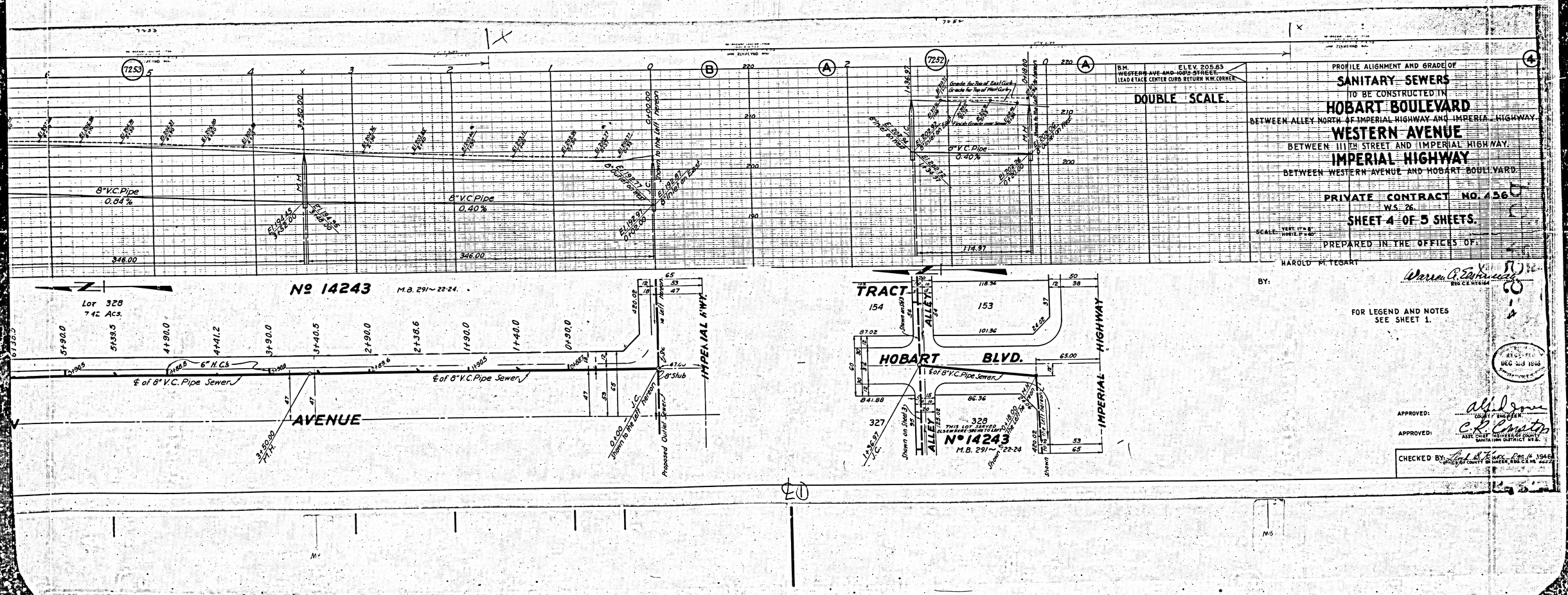
7431

EXTRA STRENGTH PIPE - MAIN LINE (7251)

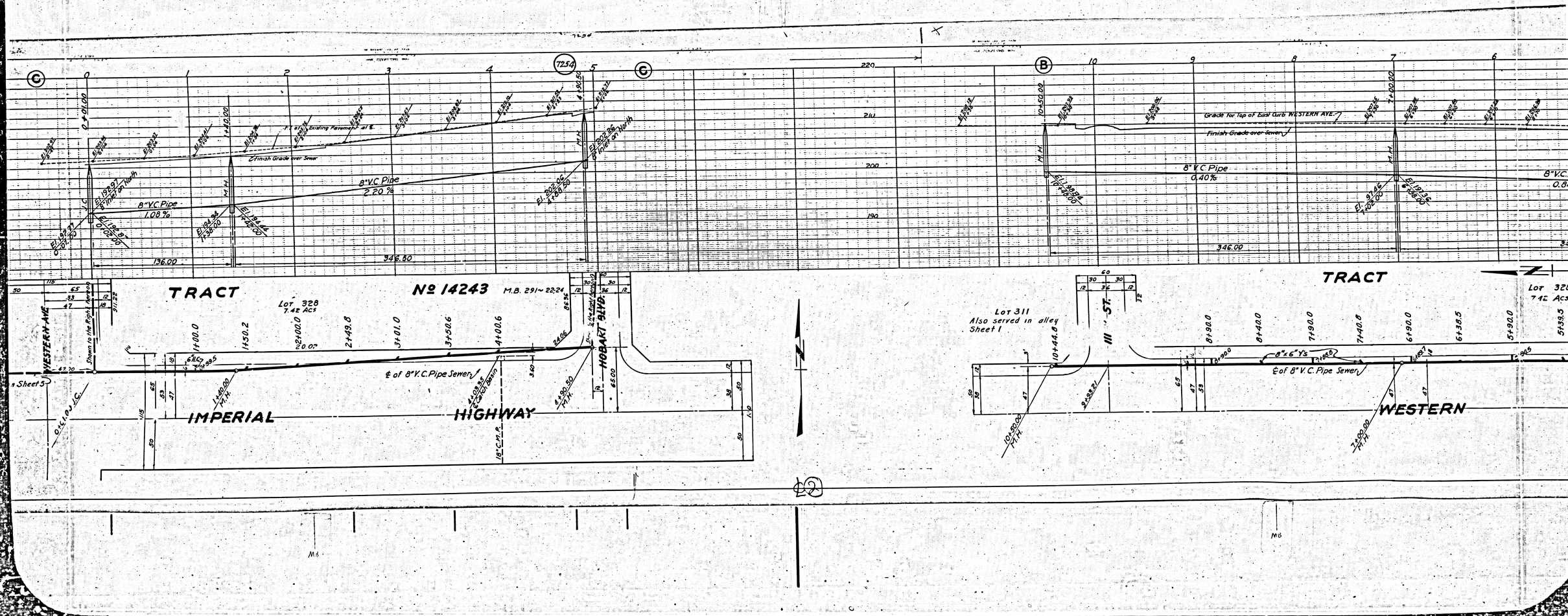
Construct Chimney as per Std. Plan S-a-9



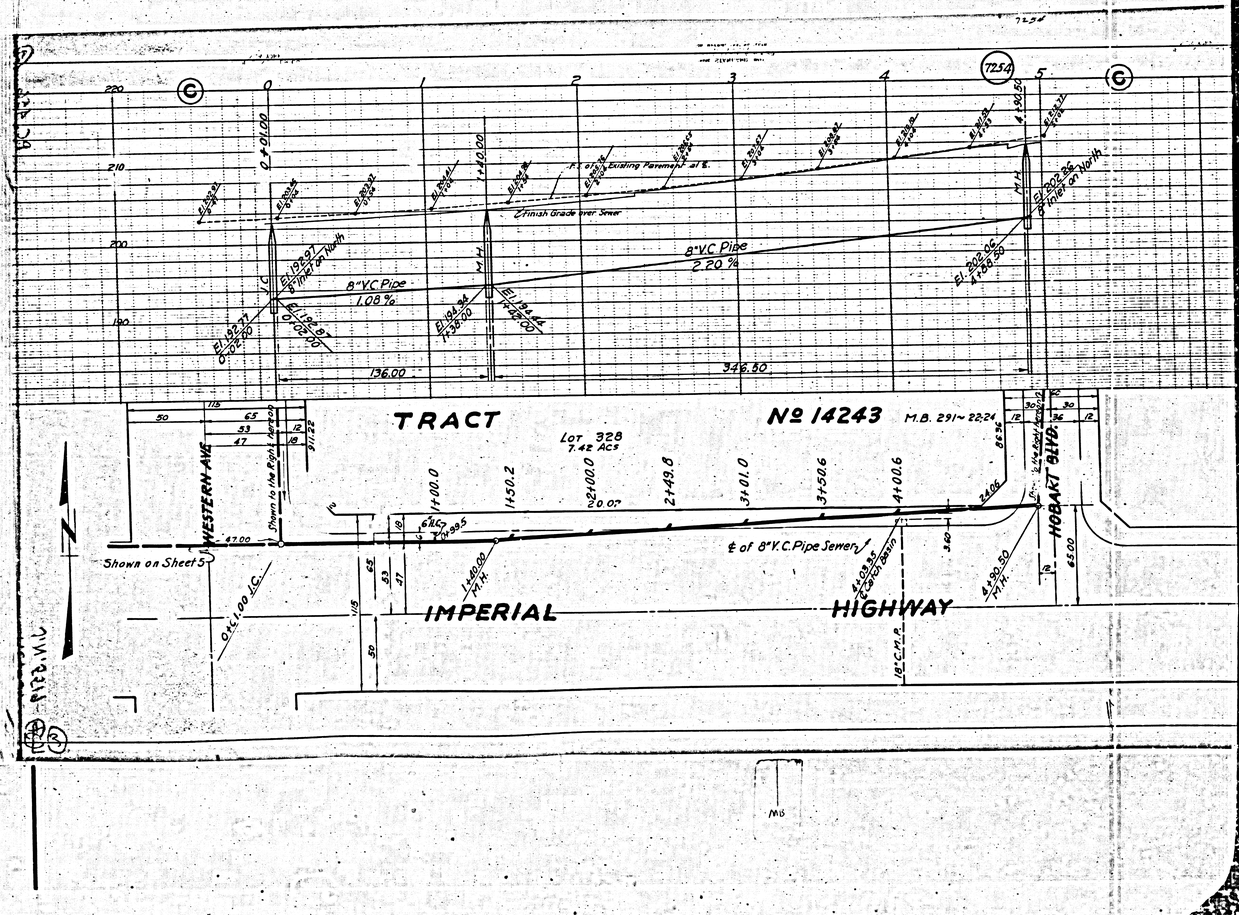




PROFILE ALIGNMENT AND GRADE OF
SANITARY SEWERS
TO BE CONSTRUCTED IN
HOBART BOULEVARD
BETWEEN ALLEY NORTH OF IMPERIAL HIGHWAY AND IMPERIAL HIGHWAY.
WESTERN AVENUE
BETWEEN 111TH STREET AND IMPERIAL HIGHWAY.
IMPERIAL HIGHWAY
BETWEEN WESTERN AVENUE AND HOBART BOULEVARD.
PRIVATE CONTRACT NO. 456
W.S. 26.
SHEET 4 OF 5 SHEETS.
PREPARED IN THE OFFICES OF:
HAROLD M. TEGART
BY:
FOR LEGEND AND NOTES SEE SHEET 1.
APPROVED:
APPROVED:
CHECKED BY:
DOUBLE SCALE.
B.M. ELEV. 205.83
WESTERN AVE AND 108TH STREET.
LEAD & TACK CENTER CURB RETURN N.W. CORNER.
8" V.C. Pipe 0.84%
8" V.C. Pipe 0.40%
8" V.C. Pipe 0.40%
346.00
346.00
114.97
Nº 14243
M.B. 291~22-24.
LOT 328
7.42 ACS.
6" H.C.S.
℄ of 8" V.C. Pipe Sewer
℄ of 8" V.C. Pipe Sewer
AVENUE
IMPERIAL HWY.
Proposed Outlet Sewer
TRACT
HOBART BLVD.
ALLEY
IMPERIAL HIGHWAY
Nº 14243
M.B. 291~22-24



TRACT
Nº 14243
M.B. 291~22.24
Lot 328
7.42 Acs
WESTERN AVE
HOBART BLVD.
IMPERIAL
HIGHWAY
8" V.C. Pipe
1.08 %
8" V.C. Pipe
2.20 %
8" V.C. Pipe
0.40 %
Finish Grade over Sewer
Grade for Top of East Curb WESTERN AVE.
Finish Grade over Sewer
136.00
346.50
346.00
Lot 311
Also served in alley
Sheet 1
III ST.
WESTERN
TRACT
Lot 328
7.42 Acs.
℄ of 8" V.C. Pipe Sewer
℄ of 8" V.C. Pipe Sewer


7254
0+01.00
1+10.00
1+36.50
Finish Grade over Sewer
8" V.C. Pipe
1.08 %
8" V.C. Pipe
2.20 %
M.H.
M.H.
M.H.
Shown on North
Shown on North
Shown on Sheet 5
Shown on Sheet 5
TRACT
Nº 14243
M.B. 291~22,24
Lot 328
7.42 Acs
WESTERN AVE
HOBART BLVD.
IMPERIAL
HIGHWAY
℄ of 8" V.C. Pipe Sewer
Catch Basin
181 C.M.P.
N

SEWER TRACT Nº 14243
SHEET 5 OF 5 SHEETS.

