THIRTEENTH STREET WALNUT ST. TO LOCUST ST.			
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Drawn by	Checked by	Approved	
Wm. 1/6/40			

PLAN AND PROFILE

OF THE PROPOSED RETAINING WALL

THIRTEENTH STREET

WALNUT ST. TO LOCUST ST.

SCALE 1"=40'

ENGINEER DEPT. RIVERSIDE CALIF. 1940.

CITY (USGS) DATUM PLANE

FIELD BOOK 374 PAGES 1 – 7

APPROVED AND ADOPTED BY THE MAYOR AND COUNCIL OF THE CITY OF RIVERSIDE THIS DAY OF 1940.

CITY CLERK, CITY OF RIVERSIDE.

APPROVED
CITY ENGINEER.
REG. ENG. 1312

PROFILE
SCALE HOR. 1"= 40'
VER. 1"= 4'

LOCUST ST.

WALNUT ST.

Existing Surface N.P.L.

Grade Top of Wall

Proposed Sidewalk Grade

Existing Sidewalk

Top of Footing Grade

Top of Existing Wall dr.35

Existing Surface on ℄

Existing Surface Se. Prop. Line

820

SECTION OF WALL 4' HIGH

Recess 5"x3"x3"

½" Rod.

2" Bars

Weep holes 20' C. to C. Fl. at sidewalk surface

Batter ½" per ft.

SECTION OF WALL 7' HIGH

Recess 5"x3"x3"

Prop. Line

Weep holes 20' C. to C. Fl. at sidewalk surface

"P" Bars ⅝" ϕ 3'-0" lg 12" C. to C.

8 Bars ⅝" ϕ 2'-3" lg. 12" C. to C.

SECTION OF WALL 11' HIGH

SCALE ½"=1 FT.

Recess 5"x3"x3"

Weep holes 20' C. to C. Fl. at sidewalk surface

"P" Bars ½" ϕ 4'-9" long 8' C. to C.

5 Bars ⅝" ϕ 2'-9" long 7½' C. to C.

Meet Top of Existing Wall, approx 4' above Sidewalk

Top of Footing 4" below Top of Sidewalk, its key

Bottom of Footing

Bottom of Key

Construct 16½ Concrete Wall

Install disturb Existing Steps

Construct 15½ Concrete Wall

Meet Existing Wall, approx 6' above S.W.

152'

NOTE:

8' Wall	Top of "N" Bars	5'-3" to Top of "M" Bars
9' "	" " "N" "	5'-9" " " "M" "
10' "	" " "N" "	6'-9" " " "M" "

8' Wall	"O" Bars ⅝" ϕ	2'-3" long	12" C. to C.
9' "	"O" " ⅝" ϕ	2'-3" "	12" C. to C.
10' "	"O" " ⅝" ϕ	2'-6" "	10" C. to C.
8' Wall	"P" Bars ⅝" ϕ	3'-3" long	12" C. to C.
9' "	"P" " ⅝" ϕ	4'-3" "	11½ C. to C.
10' "	"P" " ⅝" ϕ	4'-6" "	9½ C. to C.

PLAN OF WALL Showing Location of Reinforcement Steel

"M" Bar Spacing

2'-4" C. to C. ½" ϕ Bars — 1'-5" C. to C. ½" ϕ Bars — 1'-9" C. to C. ⅝" ϕ Bars — 1'-4" C. to C. ⅝" ϕ Bars

"N" Bars Staggered

Top of "N" Bars

Put ⅝" ϕ Dowels in footing 24" C. to C.

Top of Footing El. 815.40

Bottom of Footing

Bottom of Key

4' Sec. Wall

7' Sec. Wall

8' Sec. Wall

9' Sec. Wall

10' Sec. Wall

11' Sec. Wall

DETAIL SCALE HOR. 1"=10' VER. 1"=4'

FOOTING PLAN

50' — 23.5 — 21.5 — 21.5

Face of Wall at Base Prop. Line

Prop. Line

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