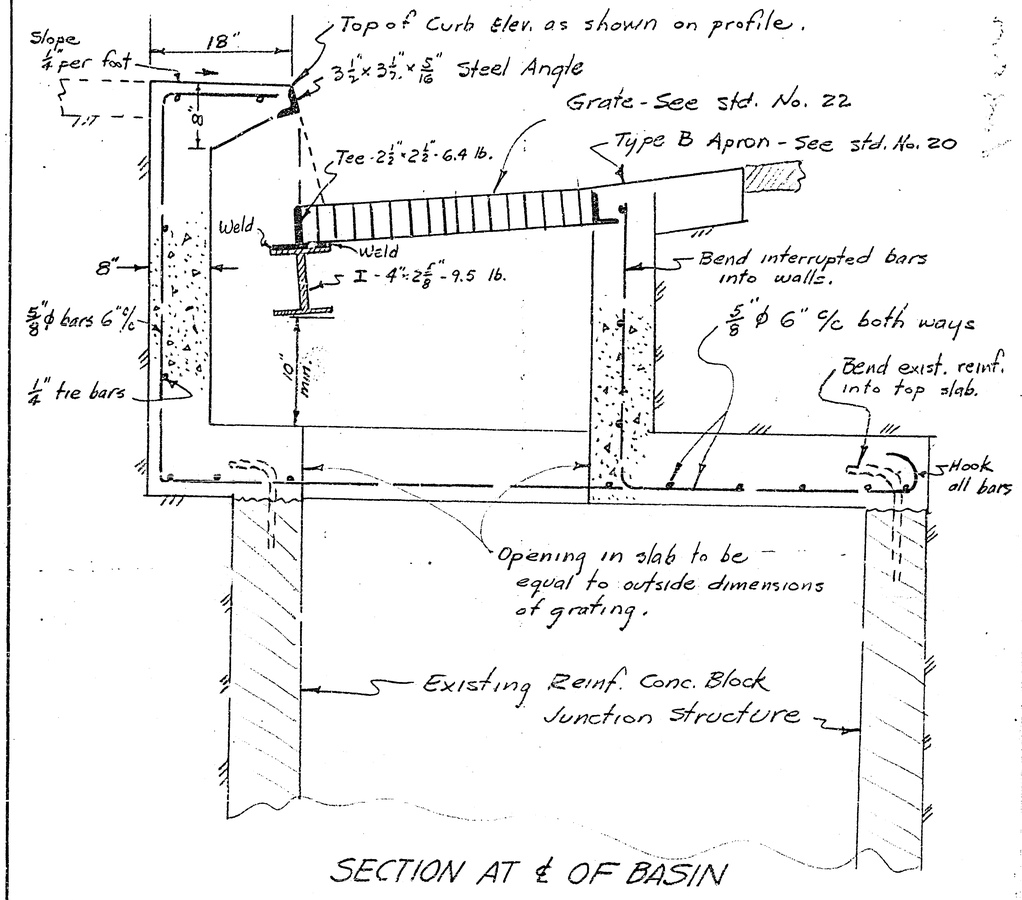
Arlanza Downs Sub

RIVERSIDE ENGINEERING COMPANY
3929 ORANGE STREET, RIVERSIDE, CALIFORNIA

FIELD BOOK NO. | JOB NO. 1444

TITLE CATCH BASIN MODIFICATON - N. Side ~~Downs Ave.~~ VIA NORTE DR. Sta. 1+75 | NO. 1 OF 1

SCALE None | PREPARED BY: G.C. | DATE 6/27/56



SECTION AT ℄ OF BASIN

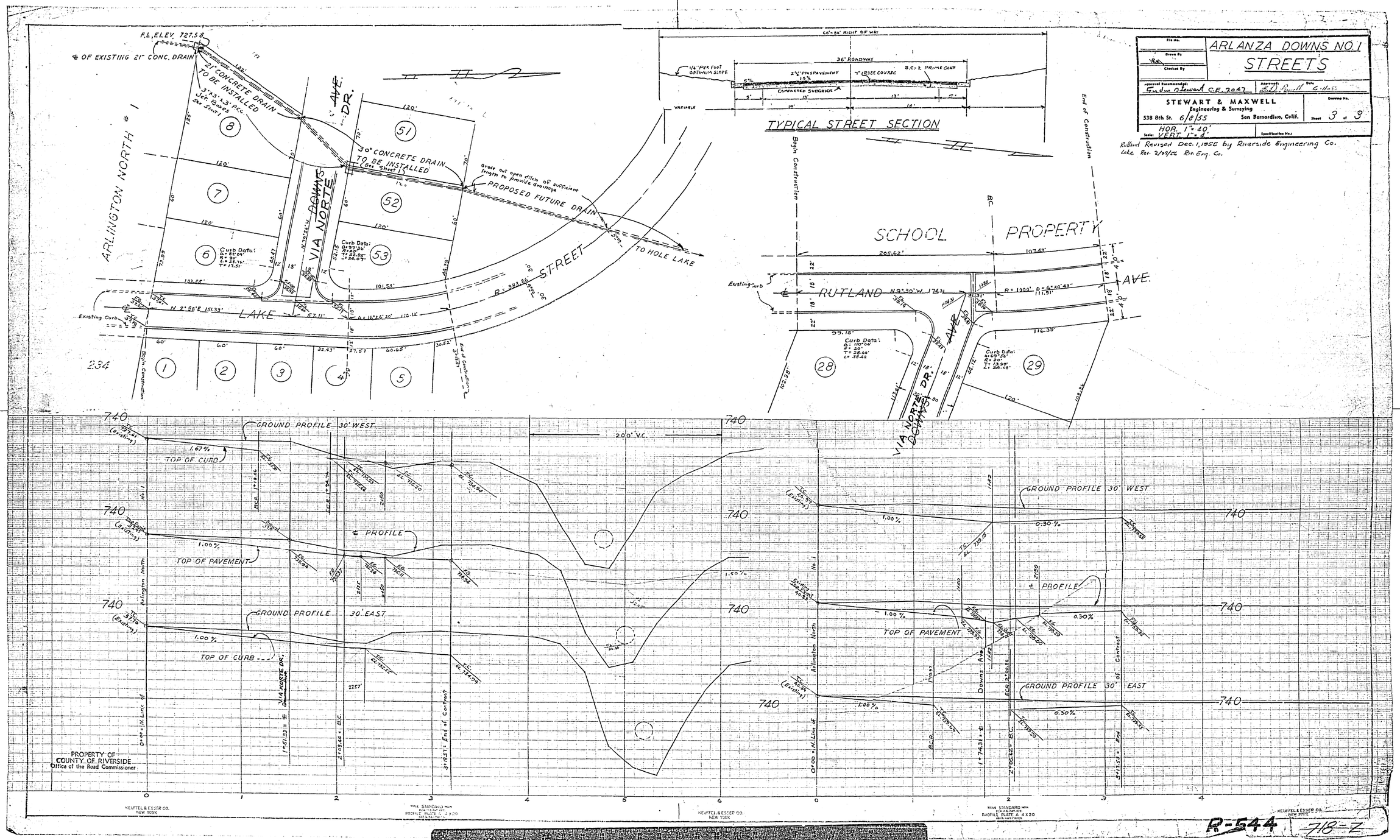
Note: Structural shapes shall extend 6" into each end wall of the catch basin.
Place 3/4" ϕ steel steps 17" c/c from top of basin to F.L. of pipe.
Curb opening to be same length as grate.
Grate to be removeable.

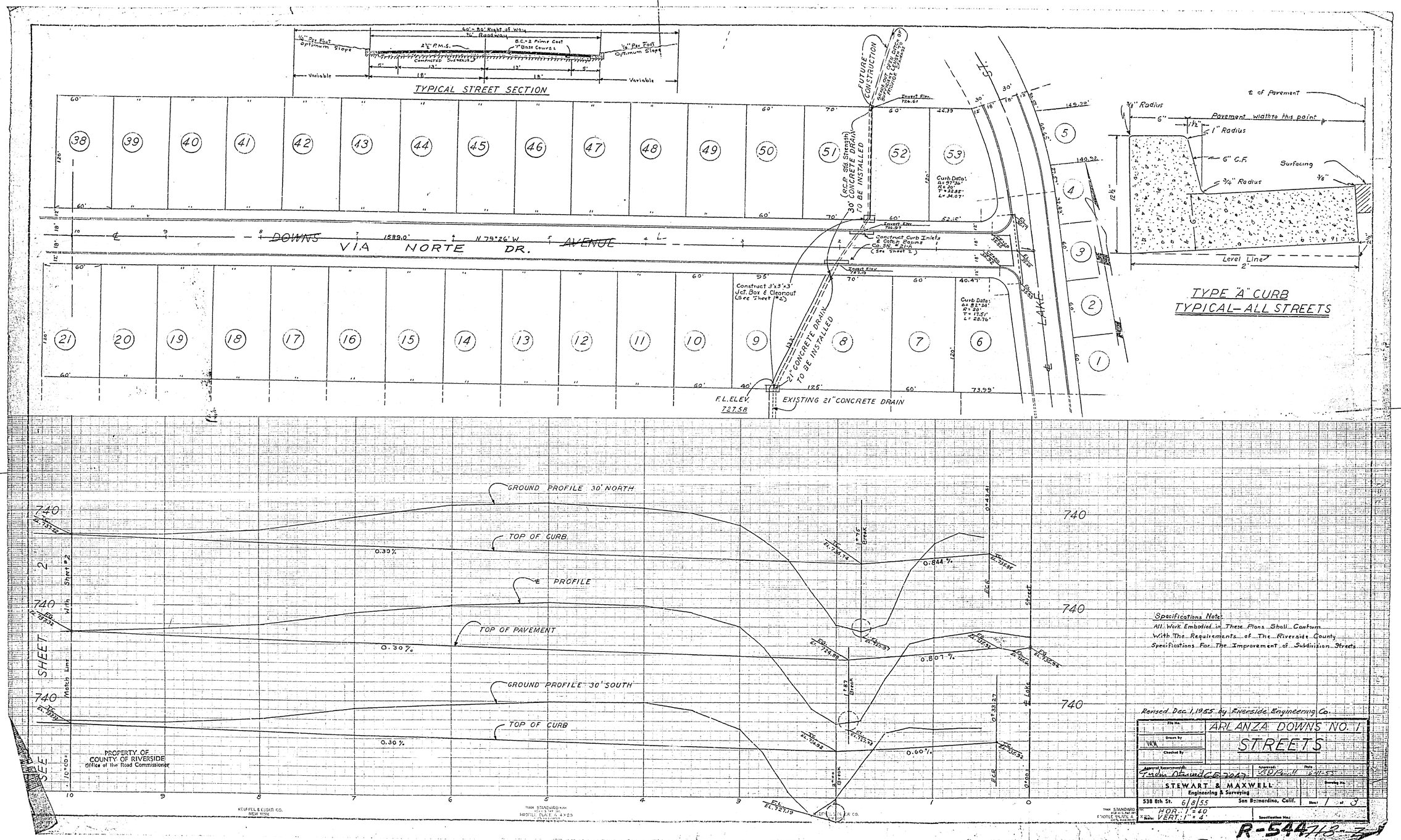
Approved for County Rd. Dept. B. D. Powell Date 6-30-56

PROPERTY OF
COUNTY OF RIVERSIDE
Office of the Road Commissioner

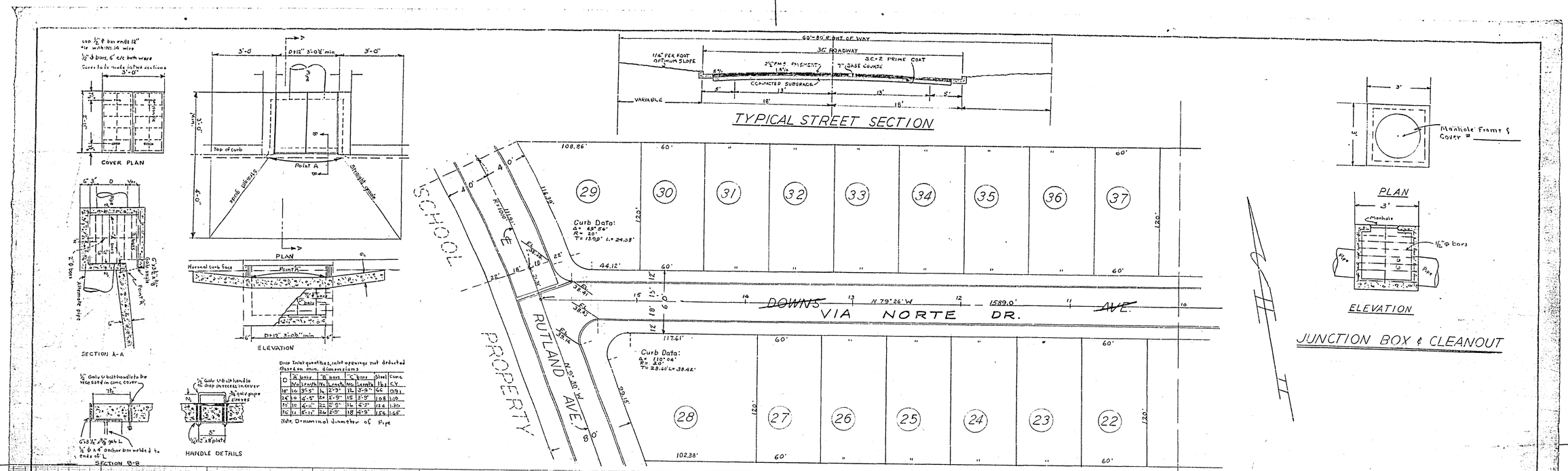
R-544

~~718~~ - Z


ARLANZA DOWNS NO. 1
STREETS
STEWART & MAXWELL
Engineering & Surveying
538 8th St. 6/8/55 San Bernardino, Calif.
Sheet 3 of 3
HOR. 1" = 40'
VERT. 1" = 4'
Rutland Revised Dec. 1, 1955 by Riverside Engineering Co.
Lake Rev. 2/29/56 Riv. Eng. Co.
TYPICAL STREET SECTION
36' ROADWAY
60'-80' RIGHT OF WAY
F.L. ELEV. 727.58
℄ OF EXISTING 21" CONC. DRAIN
21" CONCRETE DRAIN TO BE INSTALLED
30" CONCRETE DRAIN TO BE INSTALLED
PROPOSED FUTURE DRAIN
TO HOLE LAKE
ARLINGTON NORTH #1
VIA NORTE DR.
DOWNS AVE.
LAKE STREET
SCHOOL PROPERTY
RUTLAND AVE.
Begin Construction
End of Construction
Existing Curb
GROUND PROFILE 30' WEST
GROUND PROFILE 30' EAST
TOP OF CURB
TOP OF PAVEMENT
℄ PROFILE
200' V.C.
PROPERTY OF COUNTY OF RIVERSIDE
Office of the Road Commissioner
KEUFFEL & ESSER CO. NEW YORK
R-544
718-Z



TYPICAL STREET SECTION
60' - 80' Right of Way
36' Roadway
2½" P.M.S.
B.C.-2 Prime Coat
7" Base Course
Compacted Subgrade
Variable
FUTURE CONSTRUCTION
30' CONCRETE DRAIN TO BE INSTALLED
(R.C.P. Std. Strength)
Invert Elev. 726.61
Curb Data:
Construct Curb Inlets & Catch Basins
Co. Sh. #21-A (See Sheet 2)
Construct 3'x3'x3' Jct. Box & Cleanout (See Sheet #2)
21" CONCRETE DRAIN TO BE INSTALLED
F.L. ELEV. 727.58
EXISTING 21" CONCRETE DRAIN
DOWNS
VIA NORTE DR.
AVENUE
LAKE
℄ of Pavement
Pavement width to this point
1" Radius
6" C.F.
Surfacing
¾" Radius
Level Line
TYPE "A" CURB
TYPICAL—ALL STREETS
GROUND PROFILE 30' NORTH
TOP OF CURB
℄ PROFILE
TOP OF PAVEMENT
GROUND PROFILE 30' SOUTH
TOP OF CURB
0.30%
0.844%
0.807%
0.60%
SHEET 2
SEE
Match Line With Sheet #2
PROPERTY OF COUNTY OF RIVERSIDE
Office of the Road Commissioner
Specifications Note:
All Work Embodied in These Plans Shall Conform With The Requirements of The Riverside County Specifications For The Improvement of Subdivision Streets
Revised Dec. 1, 1955 by Riverside Engineering Co.
ARLANZA DOWNS NO. 1
STREETS
STEWART & MAXWELL
Engineering & Surveying
538 8th St.
San Bernardino, Calif.
6/8/55
HOR. 1" = 40'
VERT. 1" = 4'
R-544


COVER PLAN
SECTION A-A
PLAN
ELEVATION
Normal curb face
Point A
Straight grade
Top of curb
SECTION B-B
HANDLE DETAILS
Drop Inlet quantities, inlet openings not deducted
Based on min. dimensions
D | R bars | | R bars | | "C" bars | | Steel | Conc
D | No. | Length | No. | Length | No. | Length | lbs | C.Y.
18" | 16 | 3'-5" | 14 | 2'-3" | 12 | 3'-9" | 66 | 0.91
24" | 19 | 4'-5" | 24 | 2'-9" | 15 | 3'-9" | 108 | 1.10
30" | 18 | 4'-11" | 22 | 2'-9" | 16 | 4'-3" | 124 | 1.30
36" | 21 | 5'-11" | 26 | 2'-9" | 18 | 4'-9" | 154 | 1.65
Note: D=nominal diameter of Pipe
CURB INLET CATCH BASIN
STD. NO. 21-A
(SEE SHEETS 1 & 3)
60'-80' RIGHT OF WAY
36' ROADWAY
1¼" PER FOOT OPTIMUM SLOPE
2½" P.M.S. PAVEMENT
S.C.-2 PRIME COAT
7" BASE COURSE
COMPACTED SUBGRADE
VARIABLE
TYPICAL STREET SECTION
SCHOOL PROPERTY
RUTLAND AVE.
Curb Data:
Δ= 69°56'
R= 20'
T= 13.99' L= 24.38'
Curb Data:
Δ= 110°04'
R= 20'
T= 28.65' L= 38.42'
DOWNS VIA NORTE DR. AVE.
N 79°26' W
1589.0'
Manhole Frame & Cover #
PLAN
ELEVATION
JUNCTION BOX & CLEANOUT
SEE SHEET 1
GROUND PROFILE 30' NORTH
TOP OF CURB
0.30%
℄ PROFILE
TOP OF PAVEMENT
GROUND PROFILE 30' SOUTH
Rutland Ave
Match Line
Match Sheet #1
740
PROPERTY OF COUNTY OF RIVERSIDE
Office of the Road Commissioner
Revised Dec. 1, 1955, by Riverside Engineering Co.
ARLANZA DOWNS NO. 1
STREETS
STEWART & MAXWELL
Engineering & Surveying
538 8th St. San Bernardino, Calif.
Sheet 2 of 3
HOR. 1"=40'
VERT. 1"=4'
PROFILE PLATE A
R-5447 18-2