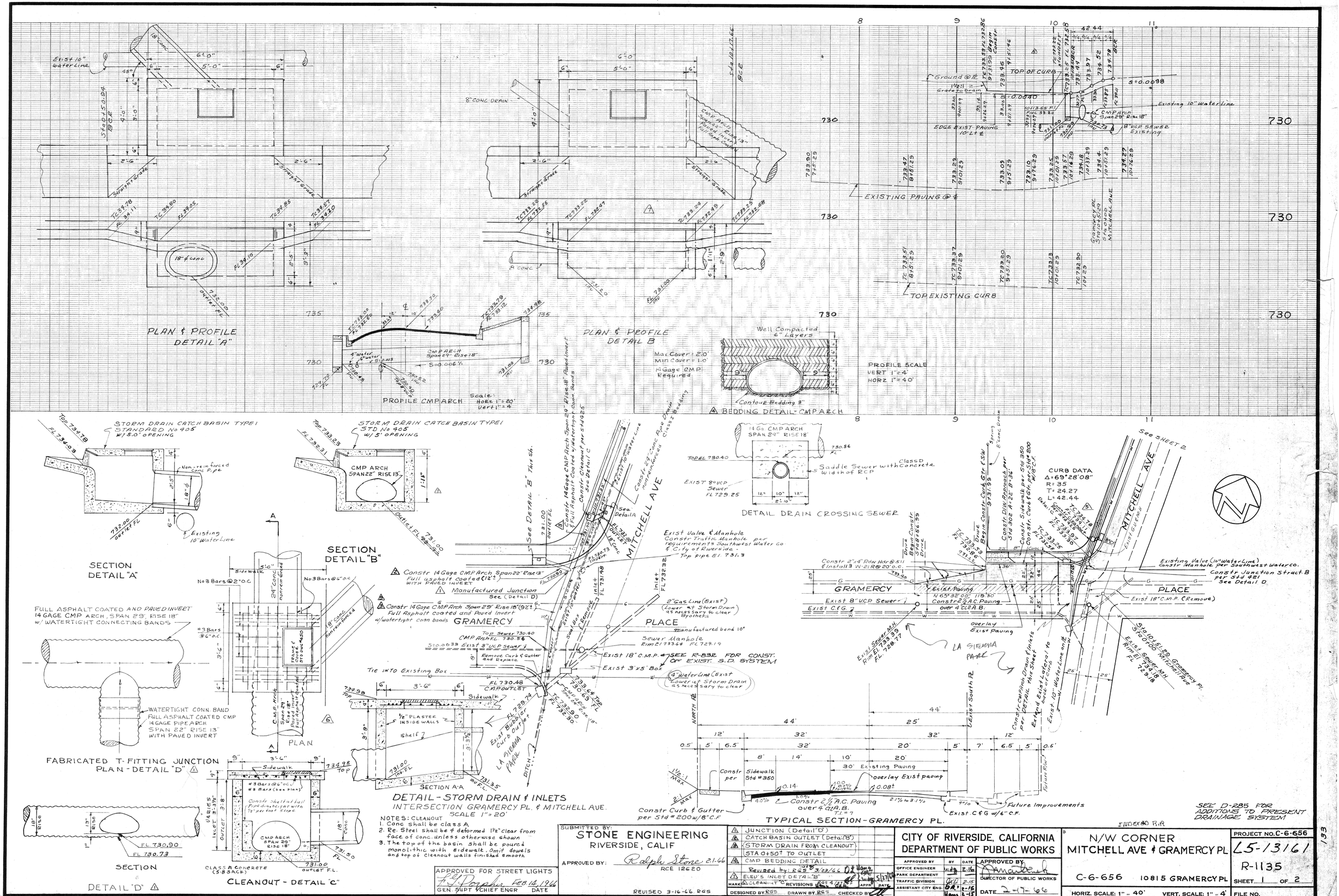
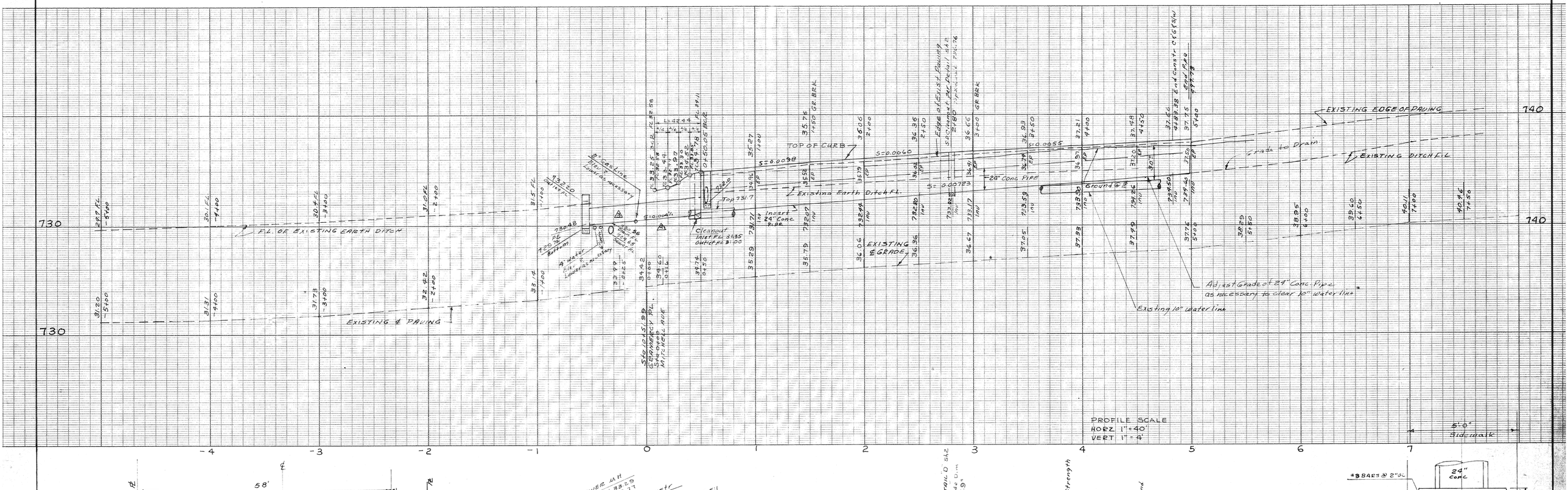
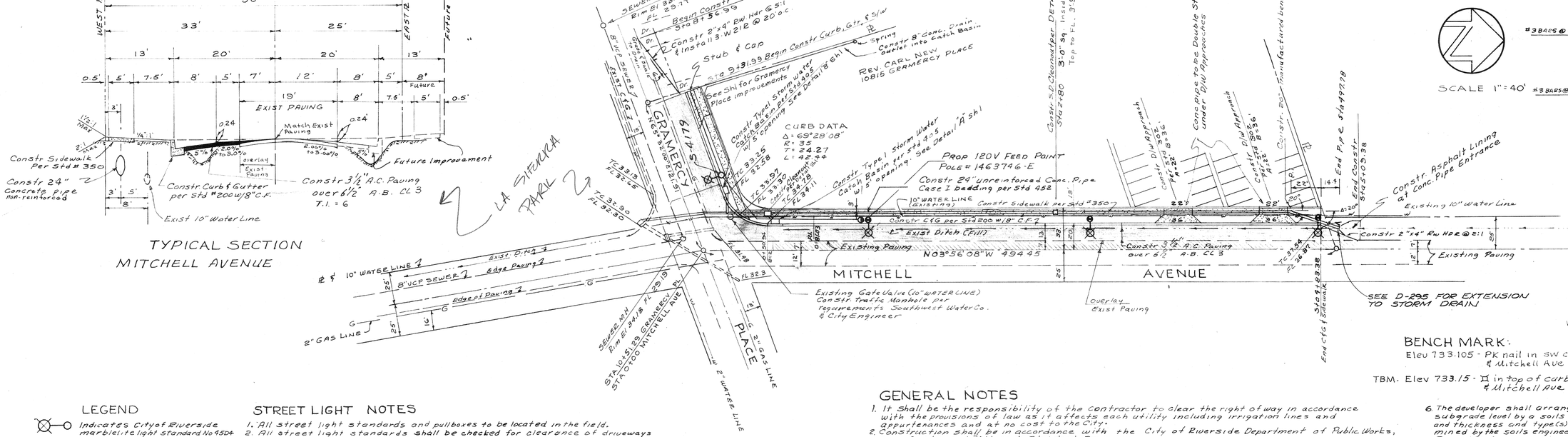

PLAN & PROFILE DETAIL "A"
PLAN & PROFILE DETAIL B
PROFILE CMP ARCH
Scale: Horz 1"=20' Vert 1"=4
Max Cover = 2.0'
Min Cover = 1.0'
14 Gage CMP Required
Well Compacted 6" Layers
Contour Bedding 3"
BEDDING DETAIL-CMP ARCH
PROFILE SCALE
VERT 1"=4'
HORZ 1"=40'
EXISTING PAVING @ ℄
TOP EXISTING CURB
TOP OF CURB
EDGE EXIST PAVING 10' Lt ℄
Existing 10" Waterline
8" VCP SEWER EXISTING
CMP Arch Span 29" Rise 18"
GRAMERCY PL.
MITCHELL AVE
STORM DRAIN CATCH BASIN TYPE I STANDARD No 405 W/5.0' OPENING
STORM DRAIN CATCH BASIN TYPE I STD No 405 w/5' OPENING
CMP ARCH SPAN 22" RISE 13"
SECTION DETAIL "A"
SECTION DETAIL "B"
FULL ASPHALT COATED AND PAVED INVERT 14 GAGE CMP ARCH, SPAN 29", RISE 18" w/ WATERTIGHT CONNECTING BANDS
WATERTIGHT CONN. BAND
FULL ASPHALT COATED CMP 14 GAGE PIPE ARCH SPAN 22" RISE 13" WITH PAVED INVERT
FABRICATED T-FITTING JUNCTION PLAN-DETAIL "D"
SECTION
DETAIL "D"
CLEANOUT - DETAIL "C"
CLASS A CONCRETE (5.8 SACK)
DETAIL - STORM DRAIN & INLETS
INTERSECTION GRAMERCY PL. & MITCHELL AVE.
SCALE 1"=20'
SECTION A-A
NOTES: CLEANOUT
1. Conc shall be class A
2. Re. Steel shall be # deformed 1½" clear from face of conc. unless otherwise shown
3. The top of the basin shall be poured monolithic with sidewalk. Dowel dowels and top of cleanout walls finished smooth
Constr 14 Gage CMP Arch Span 22" Rise 13" Full asphalt coated (12") with paved invert
Manufactured Junction See (Detail D)
Constr 14 Gage CMP Arch Span 29" Rise 18" (92') Full Asphalt coated and paved invert w/ watertight conn bands
GRAMERCY PLACE
Exist Valve & Manhole Constr Traffic Manhole per requirements Southwest Water Co. & City of Riverside - Top pipe El 731.3
Exist 18" C.M.P. SEE R-832 FOR CONST. OF EXIST. S.D. SYSTEM
Exist 3'x5' Box
Tie into Existing Box
Exist Bubbler Curb Outlet
LA SIERRA PARK
DETAIL DRAIN CROSSING SEWER
14 Ga. CMP ARCH SPAN 29" RISE 18"
Saddle Sewer with Concrete Class D Width of RCP
Exist 8" VCP Sewer
CURB DATA
Δ=65°28'08"
R=35
T=24.27
L=42.44
See SHEET 2
Constr 2" Pav Ntr @ 5:1 & Install 3 N-21 R@20' O.C.
Exist Paving N 65°32'00" 119.30
Constr 2½" A.C. Paving over 4" C.A.B.
Exist Sewer Mh Rim El 733.39 FL 729.77
Exist Sewer Mh Rim El 734.18 FL 729.18
Sta 101+61.29 Gramercy Pl. & Mitchell Ave
Constr Curb & Gutter per Std #200 w/8" C.F.
Constr 2½" A.C. Paving over 4" C.A.B.
Exist C&G w/6" C.F.
Future Improvements
TYPICAL SECTION-GRAMERCY PL.
SEE D-285 FOR ADDITIONS TO PRESENT DRAINAGE SYSTEM
SUBMITTED BY: STONE ENGINEERING RIVERSIDE, CALIF
APPROVED BY: Ralph Stone 2-1-66 RCE 12620
REVISED 3-16-66 RGS
APPROVED FOR STREET LIGHTS FEB 14, 1966 GEN. SUPT & CHIEF ENGR
JUNCTION (Detail "D")
CATCH BASIN OUTLET (Detail "B")
STORM DRAIN FROM CLEANOUT
STA 0+50± TO OUTLET
CMP BEDDING DETAIL
ELED'S INLET DETAIL "B"
CLEANOUT "C"
DESIGNED BY RGS DRAWN BY RGS CHECKED BY
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY OFFICE ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
ASSISTANT CITY ENG.
DIRECTOR OF PUBLIC WORKS
DATE 2-17-66
N/W CORNER MITCHELL AVE & GRAMERCY PL
C-6-656 10815 GRAMERCY PL
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'
PROJECT NO. C-6-656
L5-13161
R-1135
SHEET 1 OF 2
FILE NO.





BENCH MARK:

Elev 733.105 - PK nail in SW curb return of Gramercy Pl. & Mitchell Ave.

TBM - Elev 733.15 - ⌗ in top of curb B.C.R. S.W. Cor Gramercy PL. & Mitchell Ave.

LEGEND

- Indicates City of Riverside marbelite light standard No. 4504 with 10,000L, 250W type III "Line Material" mercury vapor luminaire, Cat. No. LM143A2 or approved equal.
- Indicates 250W. 10,000L M.V. mast arm street light to be installed on existing wood poles upon receipt of payment of $675.00 to Public Utilities
- Indicates 1" rigid galv. steel conduit, except as noted
- Indicates feed point.

STREET LIGHT NOTES

1. All street light standards and pullboxes to be located in the field.
2. All street light standards shall be checked for clearance of driveways and placed 1' from end of curb returns.
3. See City of Riverside Dwg No LI-13008 for light standard details.
4. All cable to be AWG No. 8 copper.
5. This is a 2 wire 120 volt multiple system.
6. All constr to comply with City of Riverside Street Light Specifications.
7. Inspections to be called for as outlined in specifications.
8. (b) Feed points to be confirmed with Edison Co. at time of construction.

10. $ 16.00 Connection fee paid Edison Co. _____ DATE PAID
11. $ 675.00 Fee for mast arm installation paid. _____ DATE PAID
13. $ 5.00 Inspection Fee Paid _____ DATE PAID

APPROVED FOR STREET LIGHTS
Ralph Stone FEB. 14, 1966
GEN. SUPT & CHIEF ENGR DATE

GENERAL NOTES

1. It shall be the responsibility of the Contractor to clear the right of way in accordance with the provisions of law as it affects each utility including irrigation lines and appurtenances and at no cost to the City.
2. Construction shall be in accordance with the City of Riverside Department of Public Works, Specifications No. 461, and Standard Drawings.
3. Prime coat, seal coat and paint binder are required.
4. Grading will require a permit under Ordinance 3093 for a cut or fill exceeding 100 cubic yards, or a fill of one foot in depth.
5. Trim edge of existing pavement where new paving joins existing pavement, to a clean, straight line. Construct match-up paving as shown and overlay paving as directed in the field to produce a smooth crown section. The engineer estimates the amount of asphalt overlay to be approx. 22.0 tons
6. The developer shall arrange for a test of the soil at the subgrade level by a soils engineer. Thickness of pavement and thickness and type(s) of aggregate base shall be determined by the soils engineer and submitted to the City of Riverside for approval.
7. The finished subgrade shall have a compaction of not less than 90% for a depth of 0.5' as determined by test method No. Calif. 216F immediately prior to placement of the cover.

SUBMITTED BY:
STONE ENGINEERING
RIVERSIDE, CALIF.
APPROVED BY: Ralph Stone 2-1-66
RCE 12620
REVISED 3-16-66 RGS

MARK	REVISIONS	APPR	DATE
A	STORM DRAIN FROM CLEANOUT STA 0+50 ± TO OUTLET		
	Revised By RGS 3/22/66	DL	
A	CURB GRADES GRAMERCY PL 6'+18'		
B	DETAILS CLEANOUT DETAIL "D" ADDED		
A	REVISE GRADE TO "AS BUILT" SPRING 24" CONC PIPE By RGS 9/27/66		

DESIGNED BY RGS DRAWN BY RGS CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	WAR	2-16
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	OKD	2-15
ASSISTANT CITY ENG	ORP	2-16
	Hans	2-15

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 2-17-66

N/W CORNER
MITCHELL AVE. & GRAMERCY PL.

C-6-656 10815 GRAMERCY PL

HORIZ. SCALE 1" = 40' VERT. SCALE: 1" = 4'

PROJECT NO. C-6-656
L5-13161
R-1135
SHEET 2 OF 2
FILE NO.