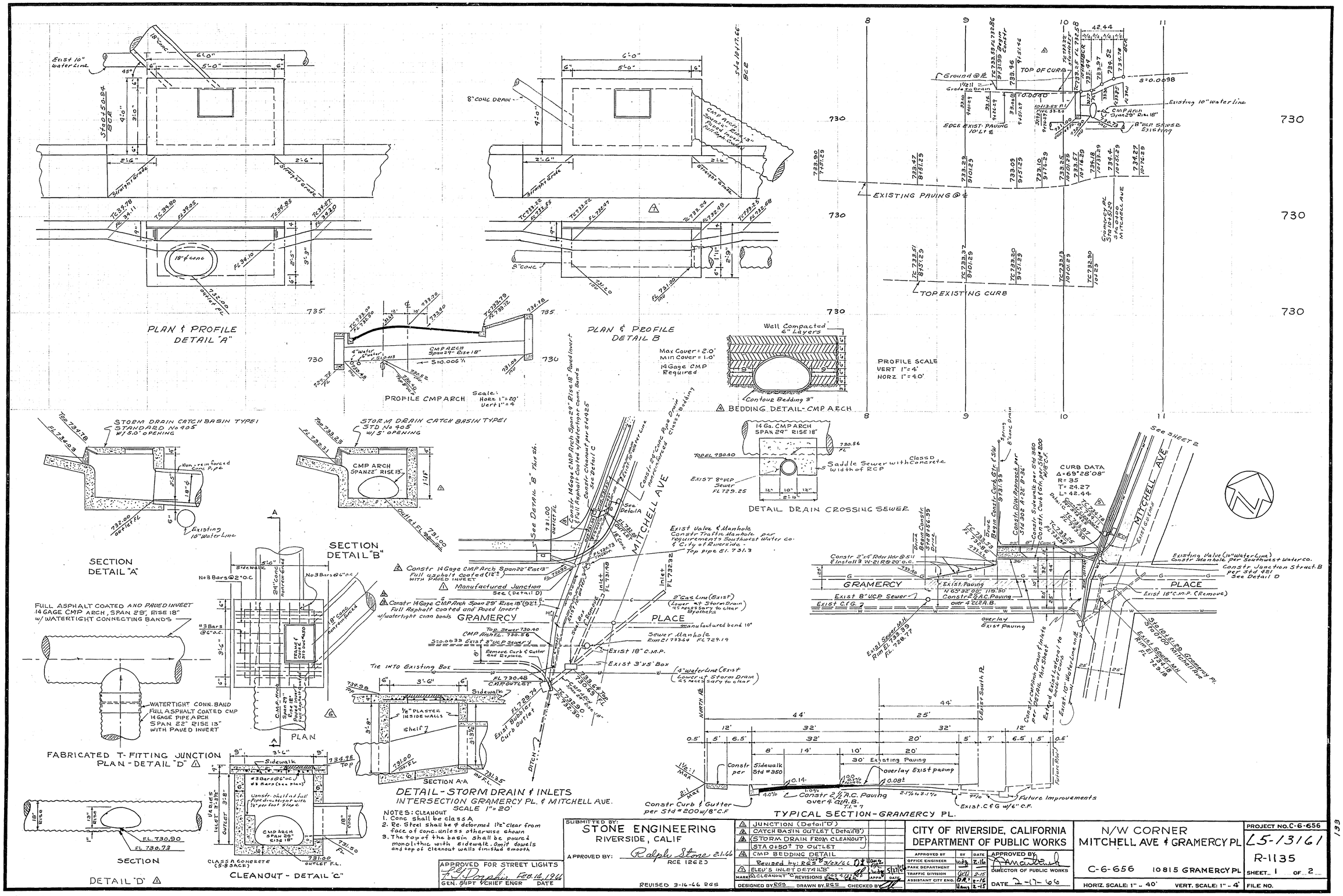
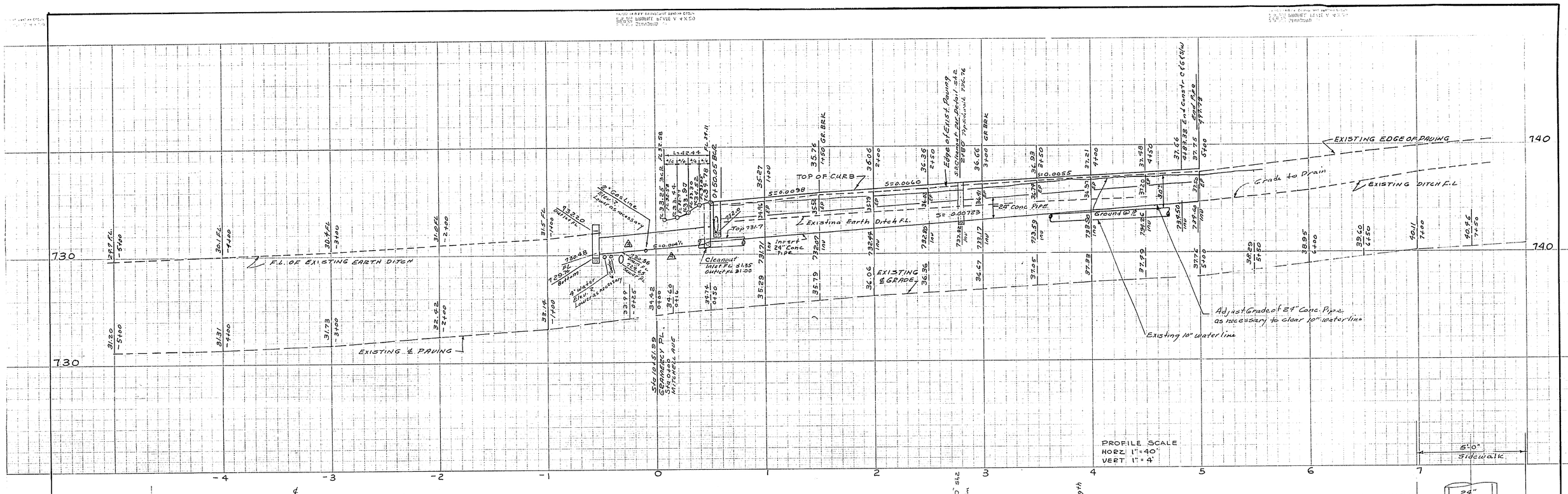
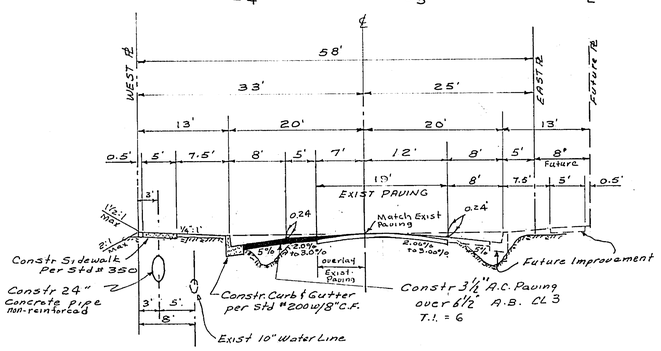
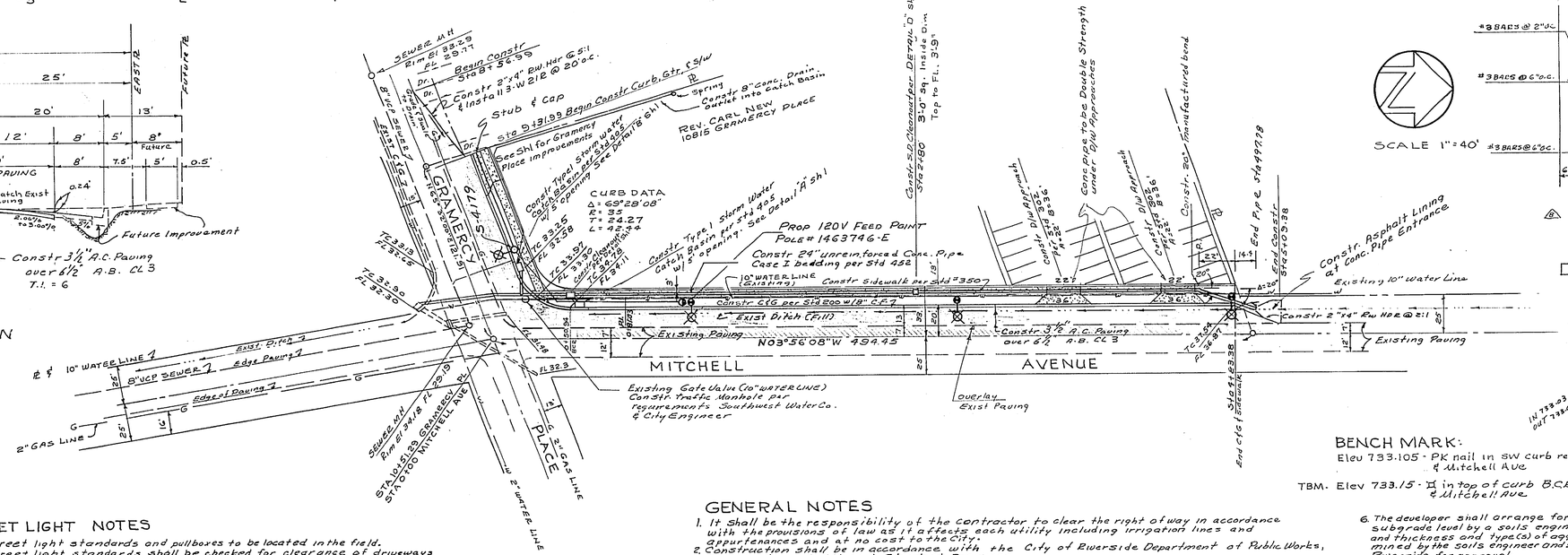

PLAN & PROFILE DETAIL "A"
PLAN & PROFILE DETAIL B
PROFILE CMP ARCH
BEDDING DETAIL - CMP ARCH
PROFILE SCALE VERT 1"=4' HORZ 1"=40'
DETAIL DRAIN CROSSING SEWER
SECTION DETAIL "A"
SECTION DETAIL "B"
FABRICATED T-FITTING JUNCTION PLAN - DETAIL "D"
SECTION
DETAIL "D"
CLEANOUT - DETAIL "C"
DETAIL - STORM DRAIN & INLETS
INTERSECTION GRAMERCY PL. & MITCHELL AVE.
SCALE 1"=20'
TYPICAL SECTION - GRAMERCY PL.
MITCHELL AVE
GRAMERCY PLACE
CURB DATA
Δ=69°28'08"
R=35
T=24.27
L=42.44
EXISTING PAVING @ ℄
TOP EXISTING CURB
TOP OF CURB
Existing 10" water line
Max Cover = 2.0'
Min Cover = 1.0'
14 Gage CMP Required
Well Compacted 6" Layers
Contour Bedding 3"
14 Ga. CMP ARCH SPAN 29" RISE 18"
Saddle Sewer with Concrete Width of RCP
Exist 8" VCP Sewer FL 729.25
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
Exist Value & Manhole Constr Traffic Manhole per requirements Southwest Water Co. & City of Riverside
Top pipe El. 731.3
Exist 18" C.M.P.
Exist 3'x5' Box
Tie into Existing Box
Sewer Manhole Rim El 733.64 FL 729.19
Constr 2½" A.C. Paving over 4" C.A.B.
Constr Curb & Gutter per Std #200 w/8" C.F.
Future Improvements
Exist. C&G w/6" C.F.
Existing Value (10" Water Line) Constr Manhole per Southwest Water Co.
Constr Junction Struct. B per Std 421 See Detail D
Exist 18" C.M.P. (Remove)
Exist 8" VCP Sewer
Exist C&G
Overlay Exist Paving
Constr 2"x4" Rdw Hdr @ 5:1 & Install 3 W-21 R @ 20' o.c.
Constr Sidewalk per Std #350
Constr Sidewalk Std #350
Constr Curb & Gutter per Std #200 w/8" C.F.
Exist South Pl.
Future R/W
Sidewalk
Shelf
Sidewalk
Constr. Shelf at full Pipe diameter with ½" per foot Slope
CMP ARCH SPAN 29" RISE 18"
CLASS A CONCRETE (5-8 SACK)
FL 730.90
FL 730.73
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
PLAN
SECTION A-A
NOTES: CLEANOUT
1. Conc shall be class A
2. Re. Steel shall be ϕ deformed 1½" clear from face of conc. unless otherwise shown
3. The top of the basin shall be poured monolithic with sidewalk. Omit dowels and top of cleanout walls finished smooth
APPROVED FOR STREET LIGHTS
GEN. SUPT & CHIEF ENGR DATE
SUBMITTED BY: STONE ENGINEERING RIVERSIDE, CALIF
APPROVED BY: Ralph Stone 2-1-66 RCE 12623
REVISED 3-16-66 RGS
JUNCTION (Detail "D")
CATCH BASIN OUTLET (Detail "B")
STORM DRAIN FROM CLEANOUT STA 0+50± TO OUTLET
CMP BEDDING DETAIL
Revised by: RGS 3/23/66
ELEV'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.
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 1 OF 2
FILE NO.





TYPICAL SECTION
MITCHELL AVENUE



SCALE 1" = 40'

CLEANOUT DETAIL "D"

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 10,000 L, 250W type III "Line Material" mercury vapor luminaire, Cat. No LM943A2 or approved equal.
- Indicates 250W, 10,000 L 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 L1-13008 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
F. J. Tarpey 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 of 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 3/23/66		
A	CURB GRADES GRAMERCY PL. C-6-68		
A	DETAILS CLEANOUT DETAIL "D" ADDED		
A	REVISE GRADE TO "AS BUILT"		
	By RGS 4/27/66		

DESIGNED BY RGS DRAWN BY RGS CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		2-1-66
PARK DEPARTMENT	—	—
TRAFFIC DIVISION		2-15
ASSISTANT CITY ENG		2-16

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.