RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883

PUBLIC WORKS DEPARTMENT

GRAMERCY PLACE WIDENING

La Sierra Avenue To Mitchell Avenue

(LA SIERRA COMMUNITY PARK)

PROJECT LENGTH: 1000 FEET

T.I.= 6.0

CONSTRUCTION LEGEND

CENTER LINE — ℄ —
RIGHT-OF-WAY LINE — R/W —
SUBDIVISION LOT LINE — ⅊ —
TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

(A) CONSTRUCT STRUCTURAL SECTION OF 0.21' A.C. OVER 0.41' BASE MATERIAL.

(B) OVERLAY EXISTING A.C. PAVEMENT WITH A VARIABLE THICKNESS OF ASPHALT CONCRETE (VARIES 0.0' TO 0.5').

(C) OVERLAY EXISTING A.C. PAVEMENT WITH A VARIABLE THICKNESS OF ASPHALT CONCRETE (VARIES 0.0' TO 0.15').

(D) CONSTRUCT 0.21' A.C. OVER COMPACTED FILL.

SPECIFIC CONSTRUCTION NOTES

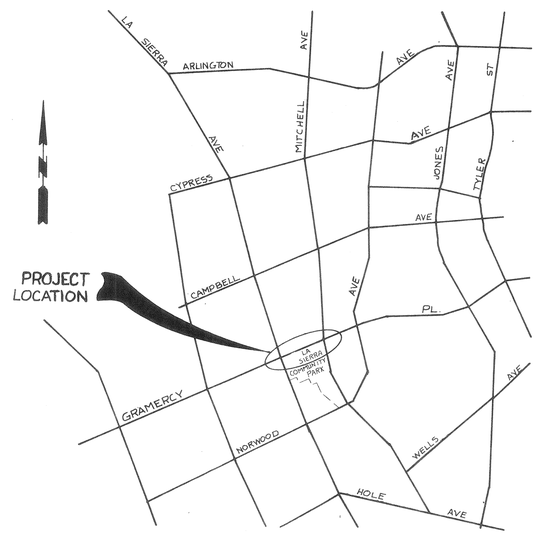
NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY, UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET BELOW. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

(T/I) TRANSPLANT TREES TO LOCATIONS ON THE PROJECT SITE AS DIRECTED BY THE PARK DEPARTMENT INSPECTOR, 4'min DISTANCE FROM ANY OBSTRUCTION. SIZE CLASS: I: 6" TO 18" DIA., III: OVER 36" DIA.

(200/II) CURB FACE DIMENSION SHALL BE 6".

GENERAL CONSTRUCTION NOTES

1. EXISTING UTILITIES SHOWN ON THIS PLAN, ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS ⁵⁄₁ INDICATES THAT COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
2. THESE PLANS ARE FOR STREET CONSTRUCTION ONLY. STREET LIGHTS, POWER POLES, AND FIRE HYDRANTS WILL BE MOVED BY OTHERS (CITY FORCES)
3. RELOCATE ALL IRRIGATION EQUIPMENT AFFECTED BY THIS PROJECT TO THE BACK OF THE PROPOSED SIDEWALK.
4. THE IRRIGATION SYSTEM WILL BE DEMONSTRATED BY THE PARK DEPARTMENT TO THE CONTRACTOR PRIOR TO THE START OF WORK TO VERIFY ITS WORKING CONDITION.
5. EXISTING IRRIGATION HEADS ON THE PARK SITE WITH SPRAY PATTERNS THAT THROW WATER ON THE PROPOSED SIDEWALK OR STREET SHALL BE ADJUSTD OR RELOCATED BY THE CONTRACTOR SO THAT NO WATER IS SPRAYED ON THE WALK OR THE STREET. 100% COVERAGE SHALL BE MAINTAINED.



PROJECT LOCATION PLAN

SCALE 1" = 1600'

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER — 8" S —
WATER LINE — 6" W —
STORM DRAIN — 24" S.D. —
GAS LINE — 3" G —
IRRIGATION LINE — 20" IRR. —
ABANDONED UTILITY — 6" G (ABAN'D.) —
TELEPHONE CONDUIT — T —
ELECTRICAL CONDUIT — E —
STREET LIGHTING — SL —
TRAFFIC SIGNAL — SIG —
FIRE ALARM — F —

EXISTING TOPOGRAPHY:

BLOCK WALL
BOARD FENCE
WIRE FENCE
CHAIN LINK FENCE
TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

SANITARY SEWER M.H.
SANITARY SEWER CLEANOUT
STORM DRAIN M.H.
IRRIGATION WEIR
WATER M.H.
GAS M.H.
ELECTRIC M.H.
TELEPHONE M.H. OR VAULT
WATER METER
FIRE HYDRANT
SPRINKLER HEAD
VALVE
AIR VALVE
AIR VENT

POLE & GUY ANCHOR
ELECTRIC POLE
TELEPHONE POLE
JOINT USE POLE
PULL BOX
TRAFFIC SIGN
PARKING METER
FIRE ALARM BOX
STREET NAME SIGN
GAS METER
MAIL BOX
FAUCET
TELEPHONE RISER
WHEEL STOP
A.C. BERM
STEEL POST
WOOD POST

PEDESTRIAN PUSH BUTTON
RAILROAD TRACKS
RAILROAD SIGN
RAILROAD SIGNAL
STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
STREET LIGHT (UPRIGHT)
STREET LIGHT
TRAFFIC SIGNAL
TRAFFIC SIGNAL ON MAST ARM
TRAFFIC SIGNAL CONTROLLER
TRAFFIC SIGNAL PRESSURE DETECTOR
TRAFFIC SIGNAL LOOP DETECTOR

CONCRETE
ASPHALT
EDGE OF PAVEMENT (CONCRETE) (DIRT)
BUILDING
UNDERGROUND STRUCTURE
OVERHANGING STRUCTURE

CITRUS TREE
OR DECIDUOUS TREE
OR PALM TREE
OR SHRUBBERY
TREE STUMP
EVERGREEN TREE

INDEX

DWG	PHASE	SHEET No.	LOCATION
R-2646	I	2	GRAMERCY PL. - LA SIERRA TO STATION 3+25
	II	4	LA SIERRA AVE. - 340'± S'LY OF GRAMERCY
	III	2 & 3	GRAMERCY PL. - STATION 3+25 TO MITCHELL
P-0419	I & III	1	GRAMERCY PL. - LA SIERRA TO MITCHELL
	II	2	LA SIERRA AVE - 340'± S'LY OF GRAMERCY

(NOTE: R-2646 IS THE STREET CONSTRUCTION PLAN
P-0419 IS THE IRRIGATION AND PLANTING PLAN)

ENGINEER IN RESPONSIBLE CHARGE
LAUREN E. CALDWELL
RCE 39441 expires 12/31/89
DATE SEPT. 16, 1986

REGISTERED PROFESSIONAL ENGINEER — LAUREN E. CALDWELL — NO. 39441 — CIVIL — STATE OF CALIFORNIA

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
ARCHITECT		
PRINCIPAL ENGINEER		9/16/86
PARK DEPARTMENT		
TRAFFIC DIVISION		9/17/86
INSPECTOR		9/23/86
SURVEYOR		9/10/86

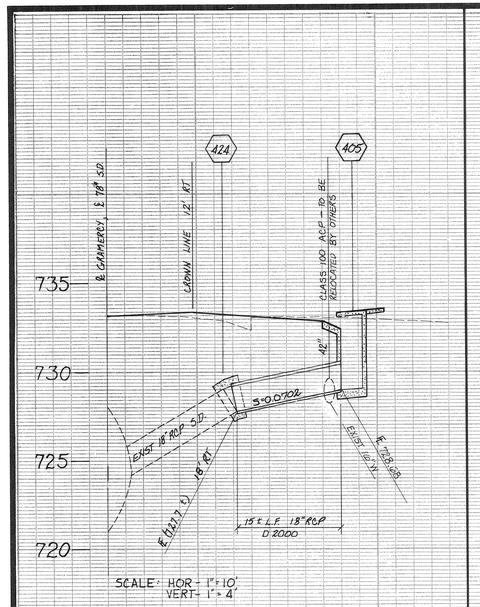
APPROVED BY:
PUBLIC WORKS DIRECTOR
DATE

GRAMERCY PLACE WIDENING
From La Sierra to Mitchell
(La Sierra Community Park)

DESIGNED BY BLD DRAWN BY BLD CHECKED BY

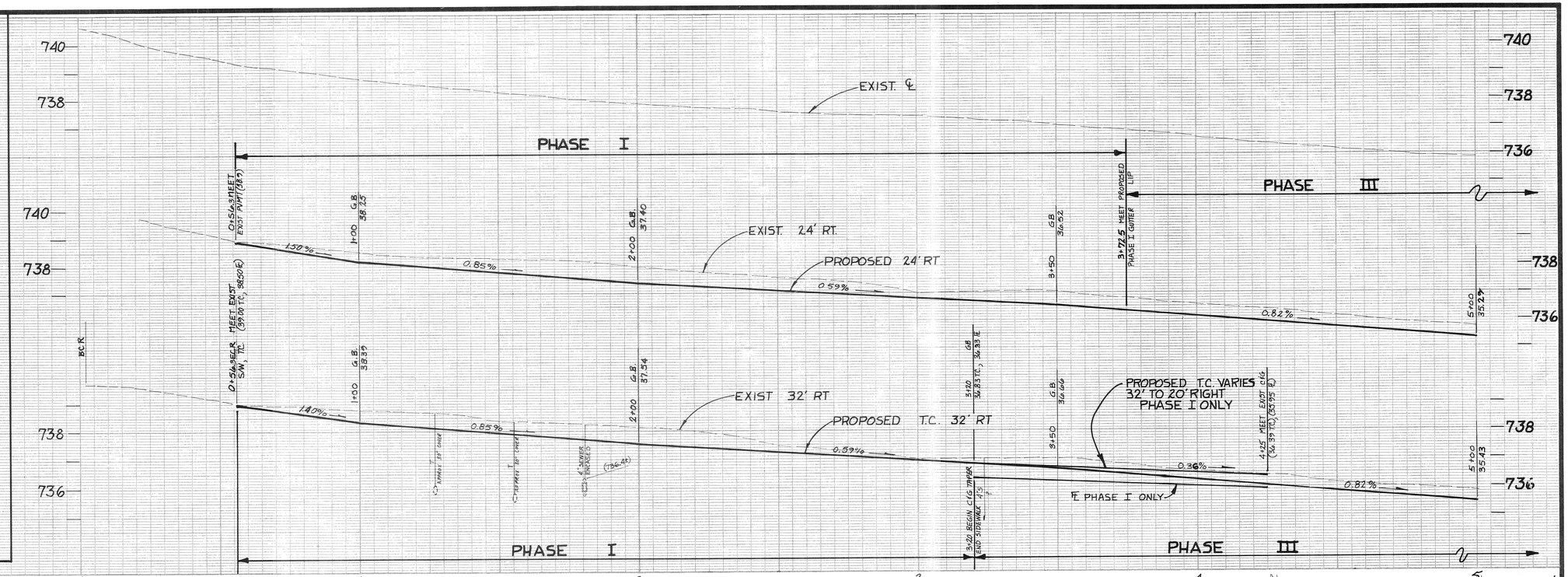
ACCOUNT No. 51-532-452-419
DRAWING NUMBER
R-2646
SHEET 1 OF 4

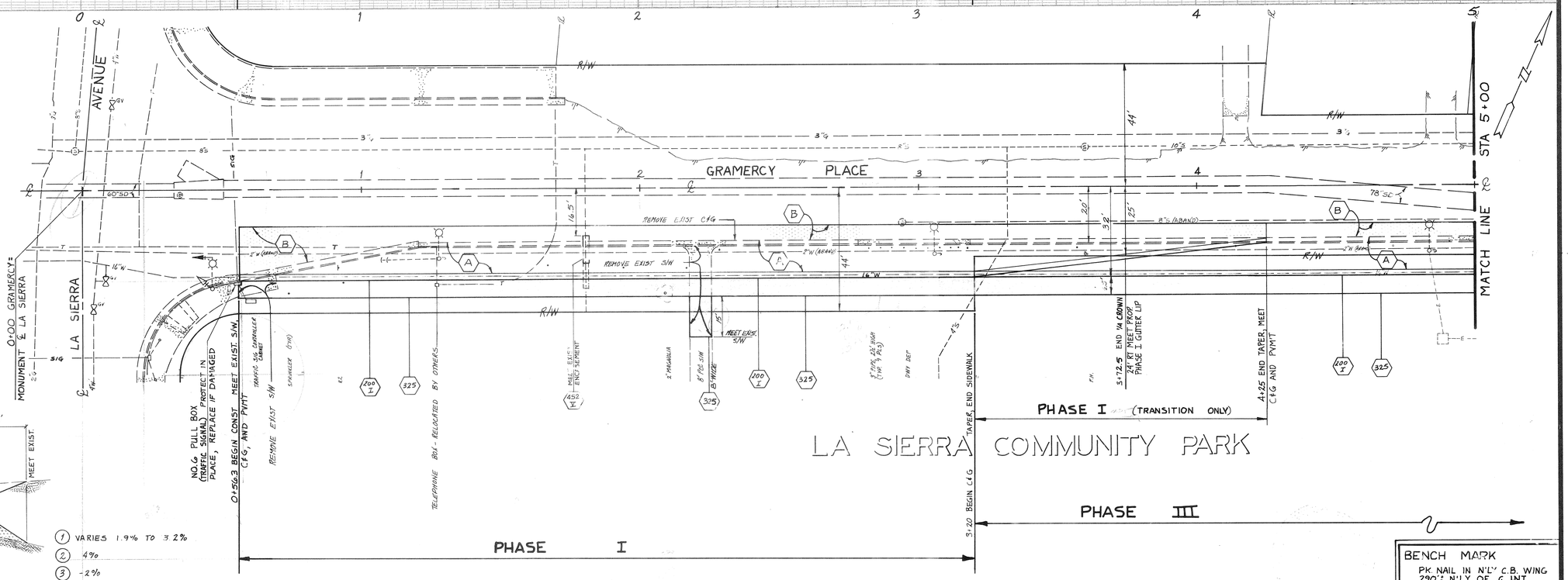
JUN 29 1987

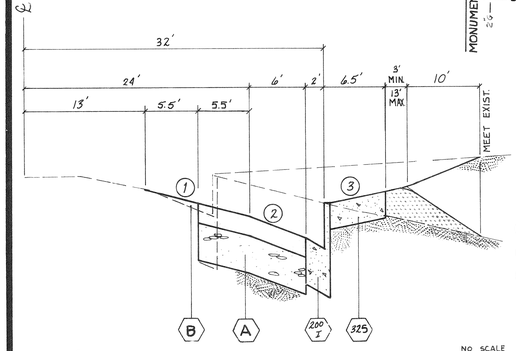


PROFILE STORM DRAIN LATERAL
STA. 9+48

PHASE III ONLY







TYPICAL SECTION - GRAMERCY PL.
STA. 0+56 TO 6+00
TI = 6

BENCH MARK
PK NAIL IN N'LY C.B. WING 290': N'LY OF ℄ INT. MITCHELL AVE & GRAMERCY PL PER F.B. 1021
ELEV. 736.685

ENGINEER IN RESPONSIBLE CHARGE.
LAUREN F. CALDWELL
R.C.E. 39441 expires 12/31/87
DATE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY BLC DRAWN BY BLD CHECKED BY

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
INSPECTION		

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE

GRAMERCY PLACE WIDENING
From La Sierra to Mitchell
(La Sierra Community Park)

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

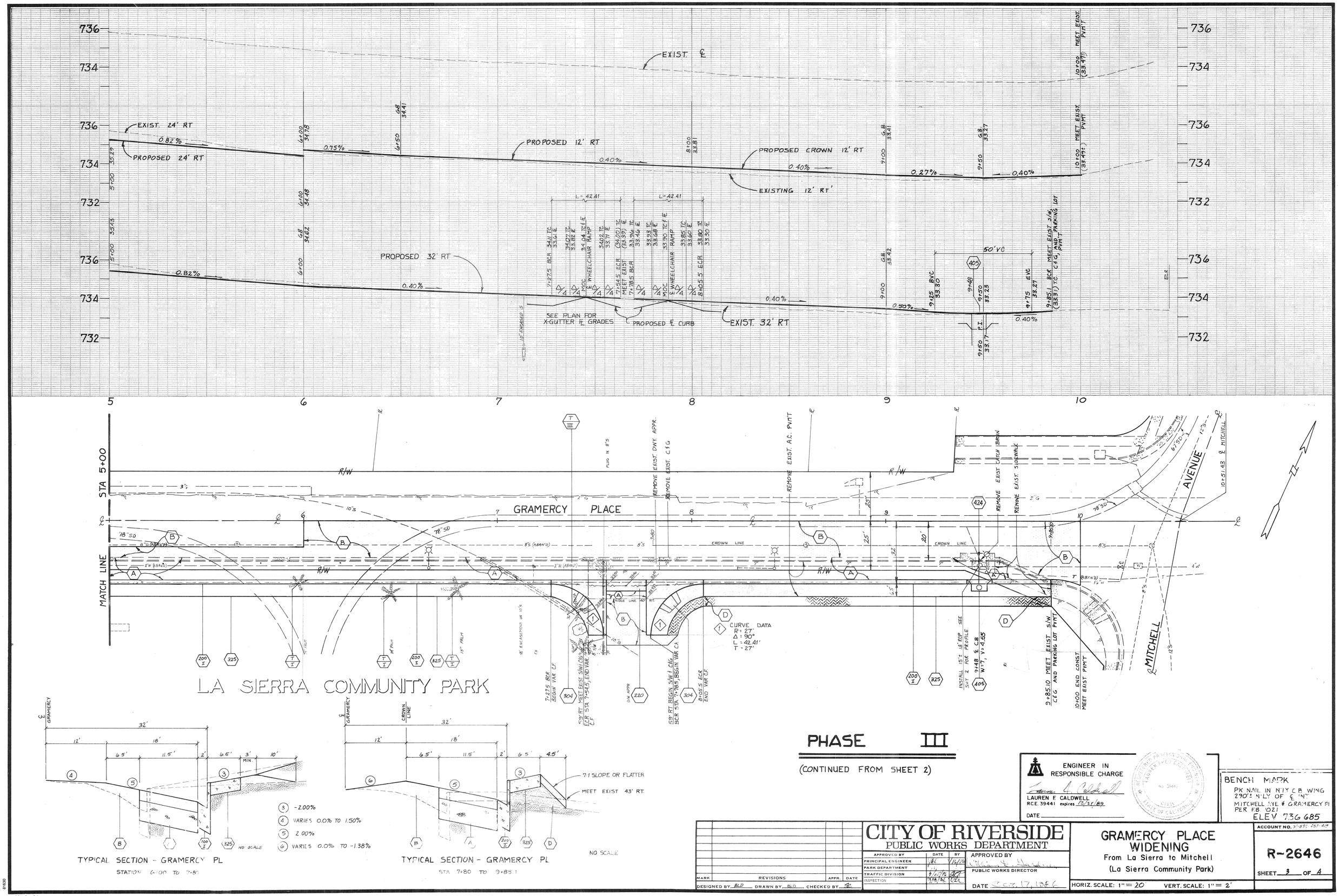
ACCOUNT NO. 31-532 452 419

R-2646

SHEET 2 OF 4

JUN 29 1987

OZALID- NO.1



PHASE III

(CONTINUED FROM SHEET 2)

ENGINEER IN RESPONSIBLE CHARGE

LAUREN F. CALDWELL
RCE. 39441 expires 12/31/89

DATE

BENCH MARK
PK NAIL IN N'LY C.B. WING 290'± N'LY OF ℄ INT
MITCHELL AVE & GRAMERCY PL
PER F.B. 1021
ELEV 736.685

MARK	REVISIONS	APPR.	DATE

DESIGNED BY BLD DRAWN BY BLD CHECKED BY

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION	9/15/86	
INSPECTION	9/18/86	

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE Oct. 17, 1986

GRAMERCY PLACE WIDENING
From La Sierra to Mitchell
(La Sierra Community Park)

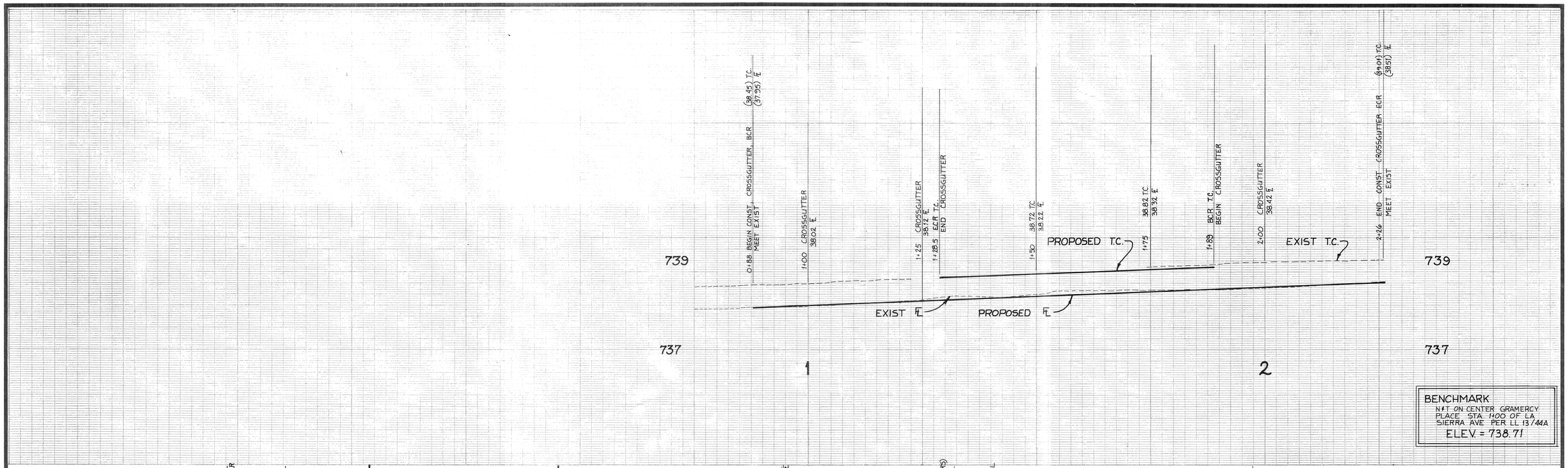
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

ACCOUNT NO. 3-535-453-419

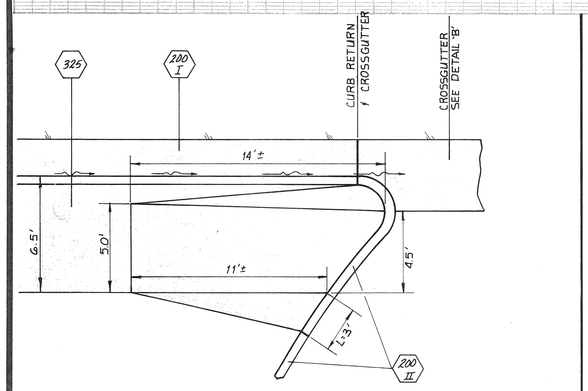
R-2646

SHEET 3 OF 4

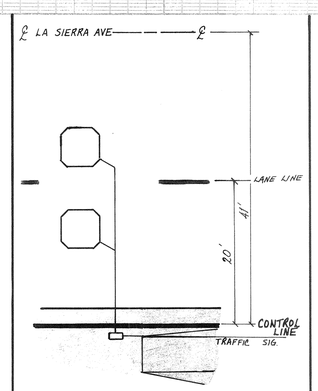
JUN 29 1987



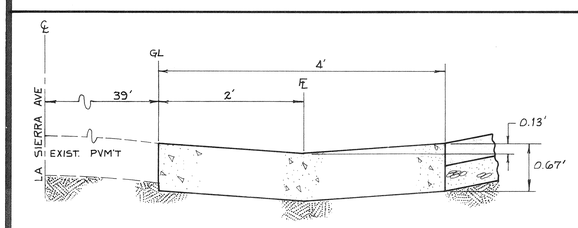
BENCHMARK
NAIL ON CENTER GRAMERCY PLACE STA. 1+00 OF L.A. SIERRA AVE PER LL 13/44A
ELEV. = 738.71



DETAIL 'A'
WHEELCHAIR RAMP
SCALE: 1"=4'

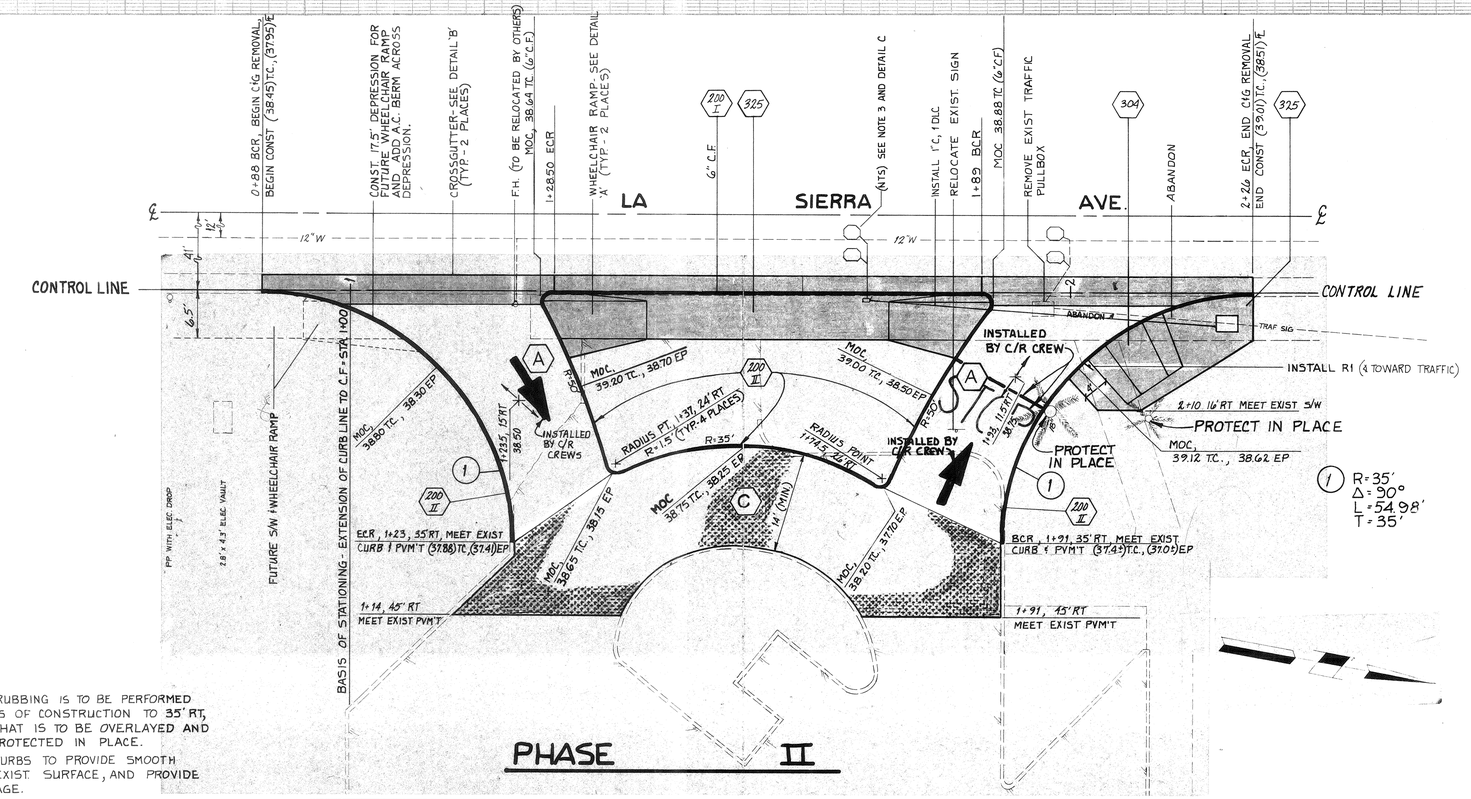


DETAIL 'C'
TRAFFIC SIGNAL LOOPS
SCALE 1"=10'



NOTES:
1. WEAKENED PLANE JOINTS SHALL BE EVENLY SPACED ON THE CROSSGUTTER.
2. CONCRETE SHALL BE CLASS S20-C-2500.
3. INSTALL ½" EXPANSION JOINTS AT CURB RETURNS.

DETAIL 'B'
CROSSGUTTER
SCALE: 1"=1'



NOTES:
1. CLEARING AND GRUBBING IS TO BE PERFORMED WITHIN THE LIMITS OF CONSTRUCTION TO 35' RT, EXCEPT PVM'T THAT IS TO BE OVERLAYED AND ITEMS TO BE PROTECTED IN PLACE.
2. GRADE BEHIND CURBS TO PROVIDE SMOOTH TRANSITION TO EXIST. SURFACE, AND PROVIDE ADEQUATE DRAINAGE.
3. INTERCEPT EXISTING 1" C, INSTALL PULLBOX; SPLICE EXISTING AND NEW CONDUCTORS.
4. DETECTOR LOOPS SHALL BE INSTALLED IN THE PRESENCE OF THE ENGINEER.
5. TRAFFIC SIGNAL PULLBOX COVER SHALL BE LABELED "TRAFFIC SIGNALS".
6. TRAFFIC SIGNAL WORK SHALL CONFORM TO THE PROVISIONS OF SEC. 86 OF THE STANDARD SPECIFICATIONS & THE STANDARD PLANS, BOTH PUBLISHED BY CALTRANS, AND AS DIRECTED BY THE ENGINEER.

ENGINEER IN RESPONSIBLE CHARGE
Lauren F. Caldwell
LAUREN F. CALDWELL
R.C.E. 39441 expires 12/31/87
DATE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY BLD DRAWN BY BLD CHECKED BY

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	7/14/86	
PARK DEPARTMENT		
TRAFFIC DIVISION	7/15/86	
INSPECTION	7/15/86	

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE Oct. 17, 1986

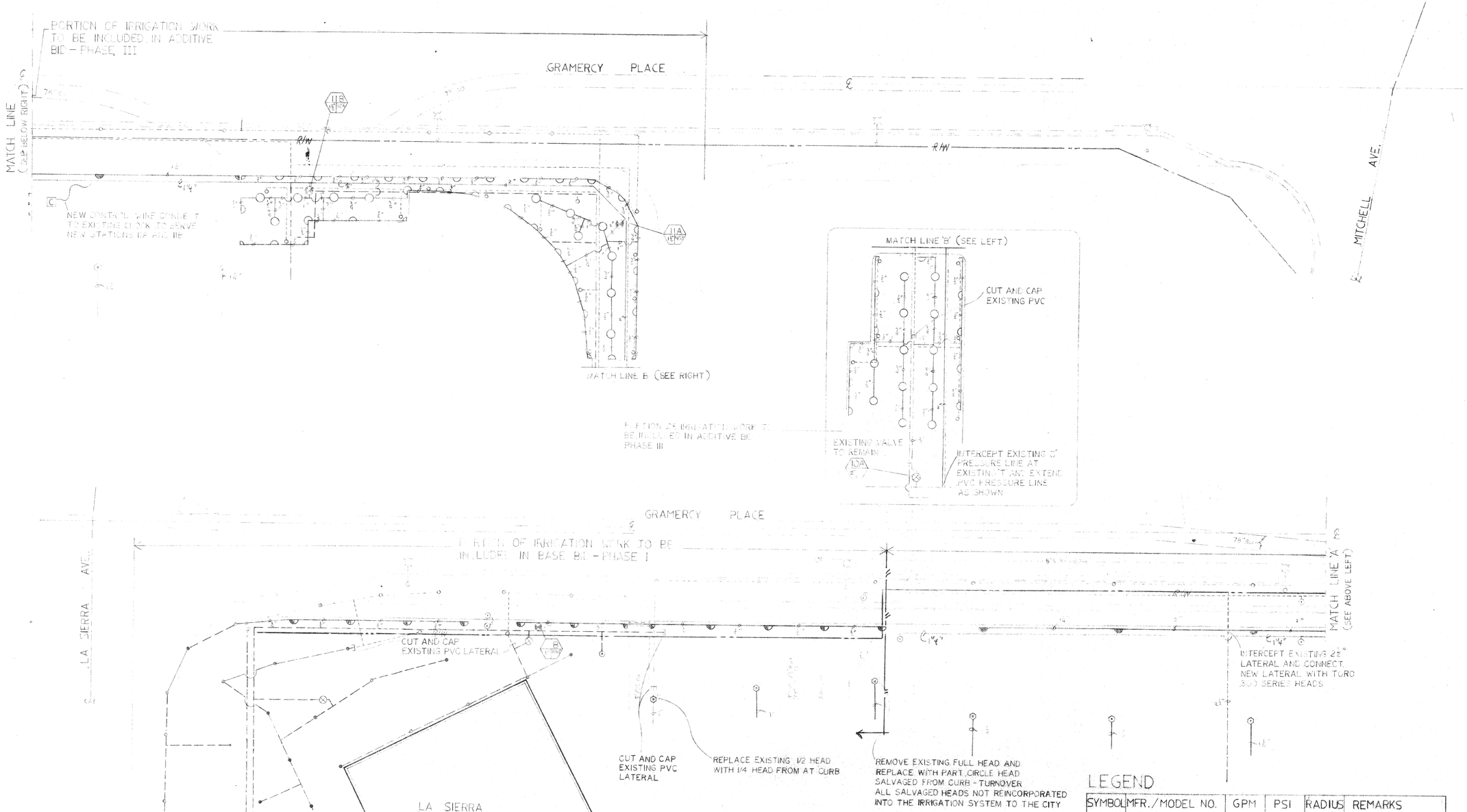
GRAMERCY PLACE WIDENING
LA SIERRA AVE 340'± S'LY OF GRAMERCY PL
(LA SIERRA COMMUNITY PARK ENT.)

HORIZ. SCALE: 1"= 10' VERT. SCALE: 1"= 1'

ACCOUNT NO. 31-532-452-419
R-2646
SHEET 4 OF 4

JUN 29 1987

81630
OZALID - NO.1



REVISED IRRIGATION PLAN

GENERAL NOTES

1. FOR IRRIGATION DETAILS SEE SPECIFICATIONS
2. ALL IRRIGATION LINES AND WIRING UNDER PAVEMENT TO BE SEPARATELY SLEEVED WITH 4" DIAMETER SCHEDULE 40 PVC PIPE

LEGEND

SYMBOL	MFR./MODEL NO.	GPM	PSI	RADIUS	REMARKS
O	TORO 570-6P	3.4	20	12	
D	TORO 570-6P	2.5	20	12	
D	TORO 570-6P	1.7	20	12	
D	TORO 570-6P	.8	20	12	
D	TORO 308-00-63	1.66	50	30	
D	TORO 304-00-63	.76	50	30	
D	TORO 642-01-44	22.5	60	60	
D	TORO 641-01-44	22.5	60	60	
——	CLASS 200 PVC LATERAL LINES SIZES NTD.-12" TO 16" COVER				
⊗	TORO 216-06 BRASS REMOTE CONTROL VALVE				
—•—	EXISTING IRRIGATION SYSTEM & WATERLINES - PROTECT				
—○—	EXISTING IRRIGATION SYS.-ABANDON LINES/SALVAGE HEADS				

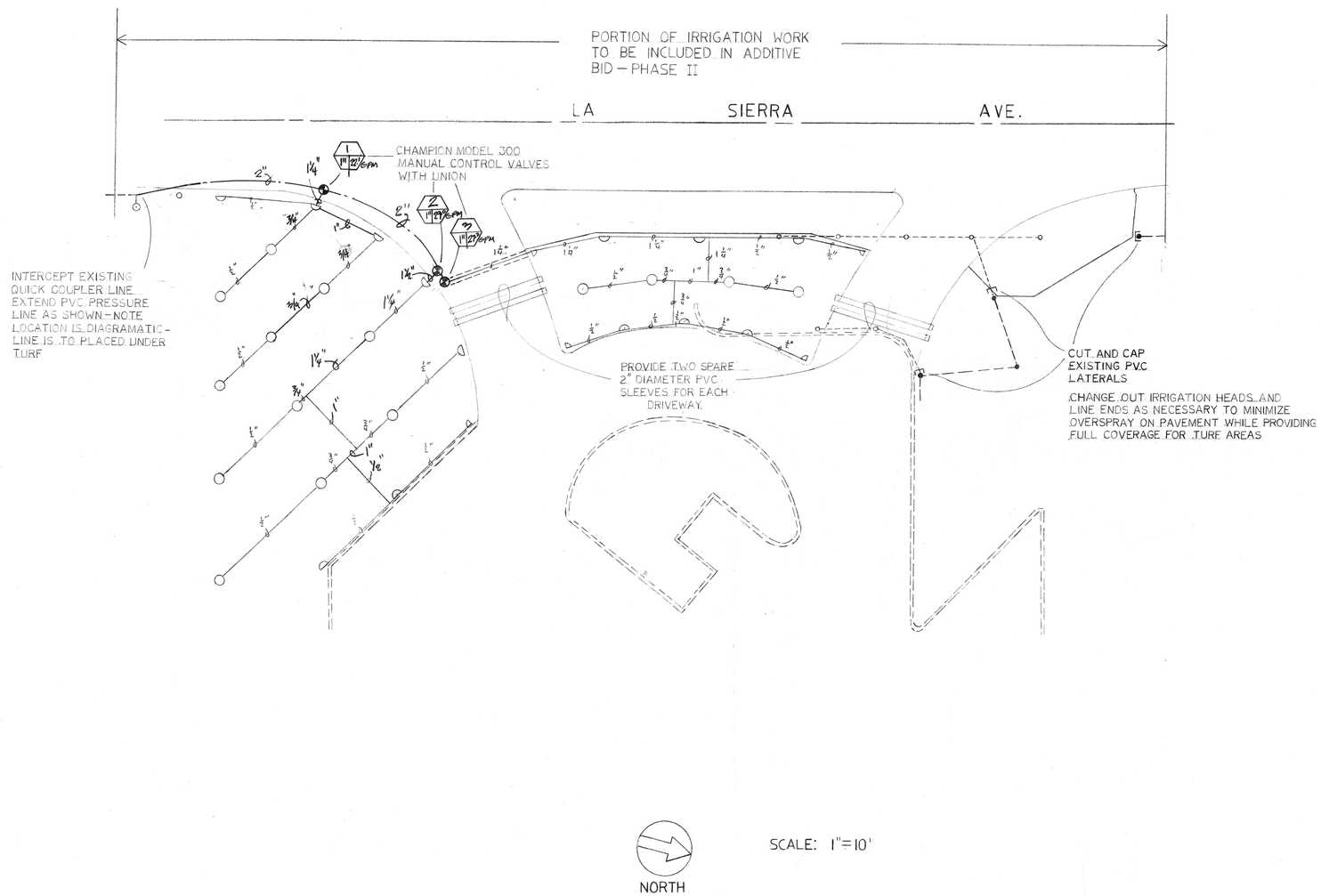
GRAMERCY PLACE WIDENING

city of riverside
park & recreation
department
(714) 787-7223
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

revisions	by

date	7-3-86
design	
drawn	
check	
acc't. no.	81-592-458
SHEET	0419
	5 of 6

R-2646



NORTH

SCALE: 1"=10'

GRAMERCY PLACE WIDENING

city of riverside
park & recreation
department
(714) 787-7923
3900 MAIN ST RIVERSIDE, CALIFORNIA 92522

revisions	by

date	7-2-86
design	GB
drawn	GB
check	
acc't. no.	31-032-402
SHEET	0419
	6 of 6

R-2646