

RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

GENERAL NOTES:

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2003 EDITION.
- ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD, EXCEPT FOR ELEVATIONS SHOWN IN PARENTHESIS WHICH DENOTE EXISTING GRADES.
- CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER UNLESS OTHERWISE SHOWN ON THE PLAN.
- EXISTING UTILITIES SHOWN ON THE PLANS 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 THESE PLANS.

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. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- CONSTRUCT CROSS GUTTER TO JOIN THE EXISTING CROSS GUTTER AT CENTERLINE. MODIFICATIONS: MODIFY THE "D" DIMENSION AS NEEDED TO MEET EXISTING IMPROVEMENTS.
- CONSTRUCT TYPE II WHEELCHAIR RAMP, MODIFIED PER DETAIL ON SHEET 2.
- CONSTRUCT STRUCTURAL SECTION OF 0.25' DGAC OVER 0.70' CAB.
- REMOVE & REPLACE EXISTING STRUCTURAL SECTION WITH 0.25' DGAC OVER 0.95' CAB.
- OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS DGAC (0.10' MIN.).
- REMOVE BUSHES
- RECONSTRUCT EXISTING SEWER MANHOLE (INCLUDING ROTATING THE CONE) TO CLEAR CONFLICT WITH THE LOCATION OF THE PROPOSED CURB. LOCATE THE MANHOLE COVER EITHER ENTIRELY IN THE STREET OR ENTIRELY IN THE SIDEWALK AREA. IF THE MANHOLE COVER IS IN STREET, THE MANHOLE COVER SHALL BE REPLACED WITH WATER TIGHT SEALED MANHOLE COVER
- INSTALL 18" RCP (LENGTH PER PLAN). PIPE JOINTS SHALL BE TONGUE AND GROOVE.
- REMOVE EXISTING INLET (STORM DRAIN PLAN D-292). REMOVE EXISTING RCP TO PROPOSED MANHOLE.
- CONSTRUCT CONCRETE COLLAR TO JOIN EXISTING 18" RCP STORM DRAIN LATERAL (STORM DRAIN PLAN D-292).
- CONSTRUCT CATCH BASIN WITH MONOLITHIC CONNECTION PER APWA STD PLAN 308-1.
- REMOVE PORTIONS OF EXISTING SPLIT RAIL FENCE LOCATED WITHIN CITY RIGHT OF WAY AND INSTALL NEW POST AT 6" BEHIND PROPERTY LINE
- CONSTRUCT PARKWAY DRAIN PER APWA 151-1 (TYPE 2, S=36"). RECONSTRUCT PORTION OF EXISTING CONCRETE SWALE AS NECESSARY TO JOIN PROPOSED PARKWAY DRAIN.
- CONSTRUCT ASPHALT RAMP PER STANDARD 304, TYPE II AS APPLICABLE. REMOVE EXISTING AC WALK AS NECESSARY. MODIFY TYPE II DETAIL PER SHEET 2.
- CONSTRUCT CURB AND SIDEWALK AS NECESSARY AROUND POLE TO PROTECT POLE IN PLACE
- CONSTRUCT GUTTER AS NECESSARY AROUND SEWER MANHOLE AND REPLACE COVER WITH WATER TIGHT SEALED MANHOLE COVER.
- WHEELCHAIR RAMP SHALL BE CONSTRUCTED SO THAT A MINIMUM CLEARANCE OF 4' IS PROVIDED BETWEEN THE EXISTING FIRE HYDRANT AND THE TOP OF RAMP.
- NEW PAVEMENT SECTION SHALL BE CONSTRUCTED AT SLOPE NOT GREATER THAN 5% FOR A MINIMUM OF 11' MEASURED NW'LY FROM CENTERLINE.
- ALL EXISTING PLANTS, SHRUBS, AND TREES TO BE REMOVED FOR THE PURPOSE OF THIS PROJECT SHALL BE PROTECTED AND PLACED (BUT NOT PLANTED) WITHIN THE OWNERS PROPERTY FOR HIS/HER OWN USE.
- REMOVE EXISTING CONCRETE RAMP AS NECESSARY TO CONSTRUCT NEW RAMP.
- VERIFY LOCATION AND DEPTH OF EXISTING GAS AND SEWER LINE BY POTHOLING. SEWER LINE MAY REQUIRE CONCRETE ENCASUREMENT AT THE DIRECTION OF THE ENGINEER.
- PUD, ELECTRIC DIV. TO RELOCATE POWER POLE PRIOR TO CONSTRUCTION.
- GAS ETS TO BE ADJUSTED TO GRADE BY GAS COMPANY
- PUD, WATER DIV. TO EXTEND LATERAL AND RELOCATE FIRE HYDRANT 2' BEYOND NEW SIDEWALK.
- ADJ. MH. ADJUST SEWER OR STORM DRAIN MANHOLE COVER TO GRADE.
- ADJ. CO. ADJUST SEWER CLEANOUT COVER TO GRADE
- ADJ. GV. ADJUST WATER GATE VALVE COVER TO GRADE
- ADJ. WH. ADJUST WATER METER BOX TO GRADE
- REL. FENCE REMOVE PORTION OF WOOD FENCE LOCATED WITHIN CITY RIGHT OF WAY AND INSTALL NEW WOOD FENCE 6" BEHIND PROPERTY LINE (REPLACEMENT FENCE TO MATCH EXISTING FENCE).
- REL. CLF. REMOVE EXISTING CHAIN LINK FENCE AND INSTALL NEW CHAIN LINK FENCE AT 6" OUTSIDE OF RIGHT OF WAY.
- REL. WALL REMOVE/RECONSTRUCT BLOCK WALL LOCATED WITHIN CITY RIGHT OF WAY AND RECONSTRUCT AS SHOWN ON PLAN
- REL. SIGN RELOCATE TRAFFIC SIGN
- REL. MB. RELOCATE MAIL BOX
- PIP. PROTECT IN PLACE (DESCRIPTION PER PLAN).

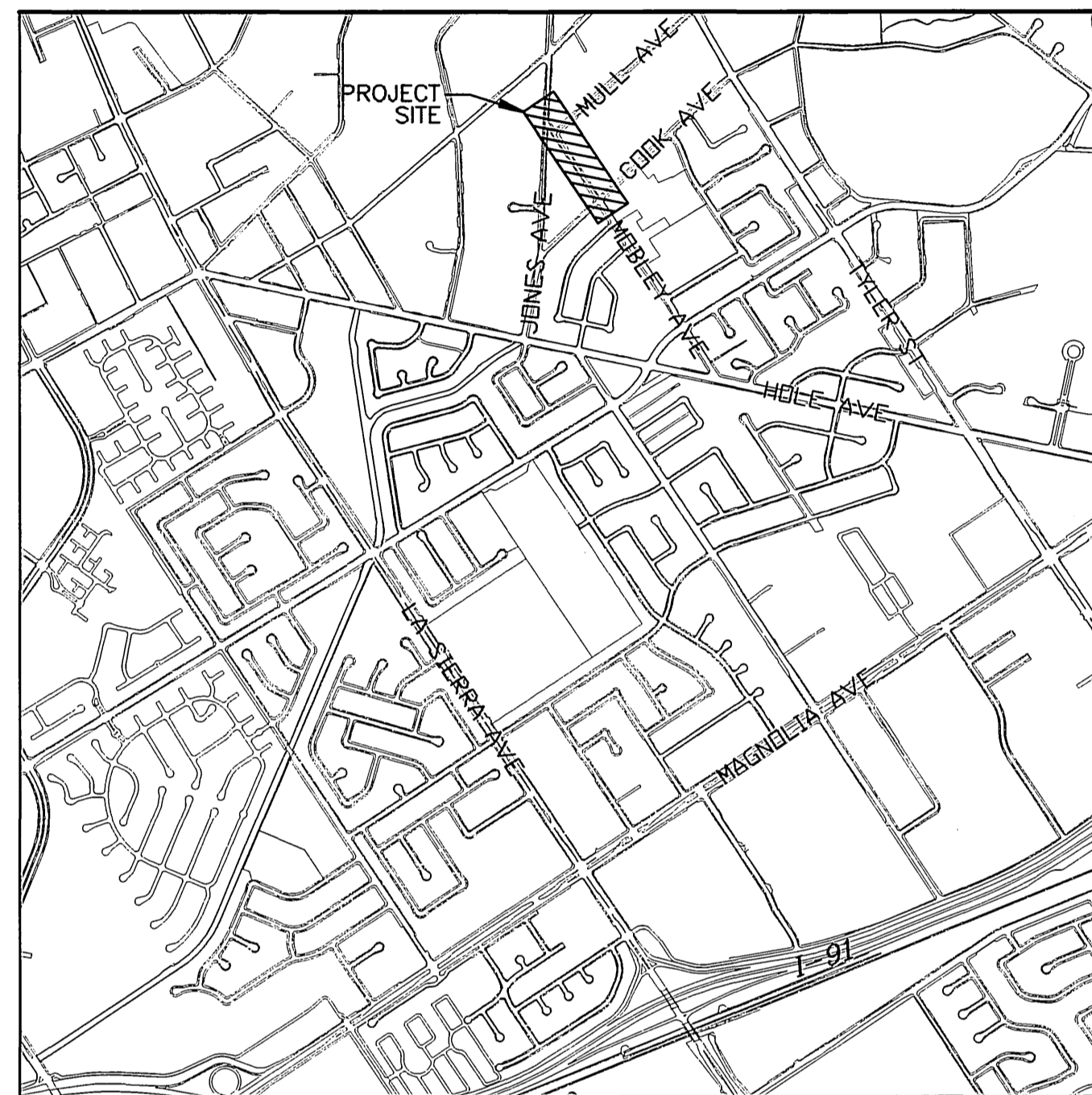
PUBLIC WORKS DEPARTMENT MOBLEY AVE STREET IMPROVEMENTS (FROM COOK AVE TO JONES AVE)

EXISTING UNDERGROUND UTILITIES:

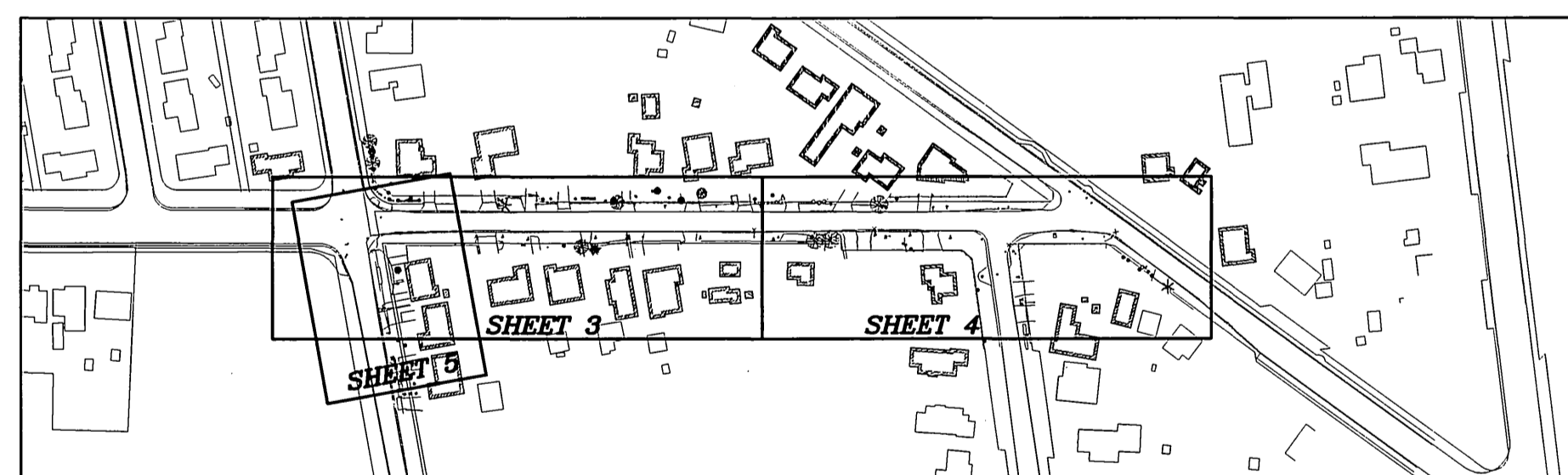
SANITARY SEWER	(8"S)	UNDERGROUND ELECTRIC	(UGE)
WATER LINE	(12"W)	OVERHEAD ELECTRIC	(OHE)
STORM DRAIN	(30"SD)		

EXISTING TOPOGRAPHY:

⊙	SANITARY SEWER M.H.	✱	TOP OF SLOPE
⊙	STORM DRAIN M.H.	✱	TOE OF SLOPE
⊙	WATER GATE VALE	→	DIRECTION OF DRAINAGE FLOW
⊙	ELECTRIC M.H.	⊙	MISC. TREE
⊙	TELEPHONE M.H.		
⊙	WATER METER		
⊙	FIRE HYDRANT		
⊙	IRRIGATION METER		
⊙	BLOW-OFF VALVE		
⊙	TRAFFIC SIGN		
⊙	POWER POLE		
⊙	GUY ANCHOR		
⊙	STREET LIGHT ON MAST ARM		



LOCATION MAP
1"=1500'



INDEX MAP
1"=200'

SHEET INDEX:

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL STREET SECTIONS/DETAILS
3	MOBLEY AVENUE STREET IMPROVEMENT PLAN (STA 10+00 TO STA 15+00)
4	MOBLEY AVENUE STREET IMPROVEMENT PLAN (STA 15+00 TO STA 19+28)
5	COOK AVENUE STREET IMPROVEMENT PLAN (STA 47+79 TO STA 49+00)

CONSTRUCTION LEGEND:

	CONSTRUCT STRUCTURAL SECTION OF AC OVER CAB (DESCRIPTION PER PLAN).
	OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS DGAC (0.10' MIN.).
	CONSTRUCT PCC CONCRETE (DESCRIPTION PER PLAN)
	AC PAVING SIDEWALK BEHIND CURB
	PROPOSED CATCH BASIN (DESCRIPTION PER PLAN)
	STREET CENTERLINE
	STREET R/W OR PRIVATE PROPERTY LINE
	EASEMENT LINE
	(960) EXISTING CONTOUR
	960 PROPOSED CONTOUR
(54.76)	EXISTING SPOT ELEVATION
XX.XX	PROPOSED SPOT ELEVATION
TC	TOP OF CURB
EP	EDGE OF PAVEMENT
FL	FLOWLINE
FS	FINISHED SURFACE
CL	CENTERLINE
GB	GRADE BREAK
AC	ASPHALTIC CONCRETE
PCC	PORTLAND CONCRETE CEMENT
C&G	CURB AND GUTTER
R/W	RIGHT OF WAY
STA	STREET STATION
PI	POINT OF INTERSECTION
V.C.	VERTICAL CURVE
BVC	BEGIN VERTICAL CURVE
EVC	END VERTICAL CURVE
G ₁	GRADE INTO VERTICAL CURVE
G ₂	GRADE OUT OF VERTICAL CURVE
APN	ASSESSORS PARCEL NUMBER
RCP	REINFORCED CONCRETE PIPE
N'LY	NORTHERLY
S'LY	SOUTHERLY

EARTHWORK QUANTITIES

CUT: 694 CU.YD.
FILL: 15 CU.YD.
NET: 679 CU.YD. (EXPORT)

ENGINEER IN RESPONSIBLE CHARGE
Michael Katousian
MICHAEL KATOUSIAN
R.C.E. No. 36686, expires 6/30/04
DATE 2/27/04



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

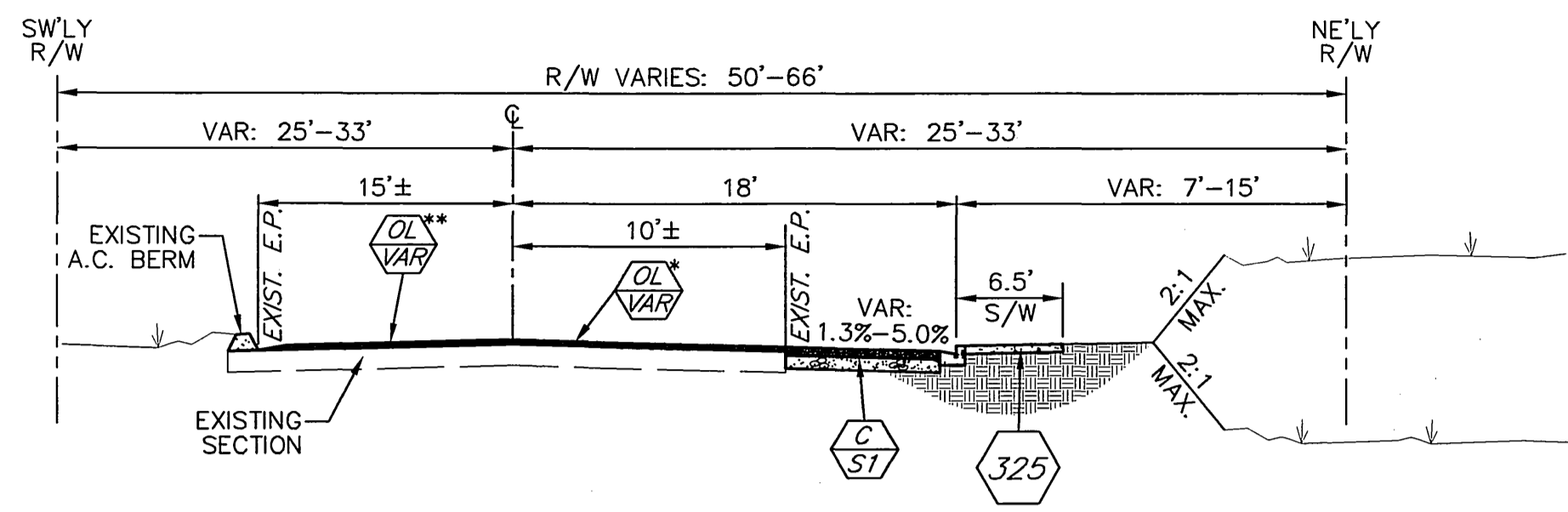
APPROVED BY: *Tom Boyd*
PRINCIPAL ENGINEER
CONSTRUCTION ADMIN.
SURVEYOR
STREET SERVICES
TRAFFIC ENGINEER
PARK & REC. DEP.

DATE: 2/27/04

MOBLEY AVENUE
STREET IMPROVEMENTS
(FROM COOK AVENUE
TO JONES AVENUE)
TITLE SHEET

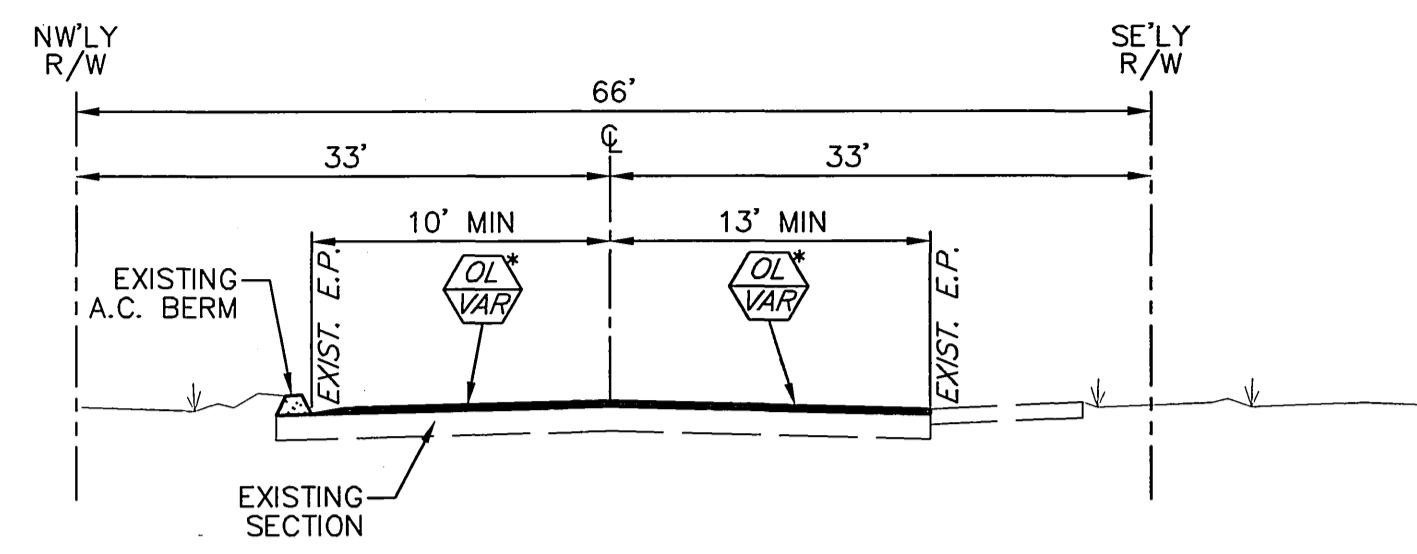
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R-3677
SHEET 1 OF 5
FILE NO.

INDEXED 5-10-04 lff



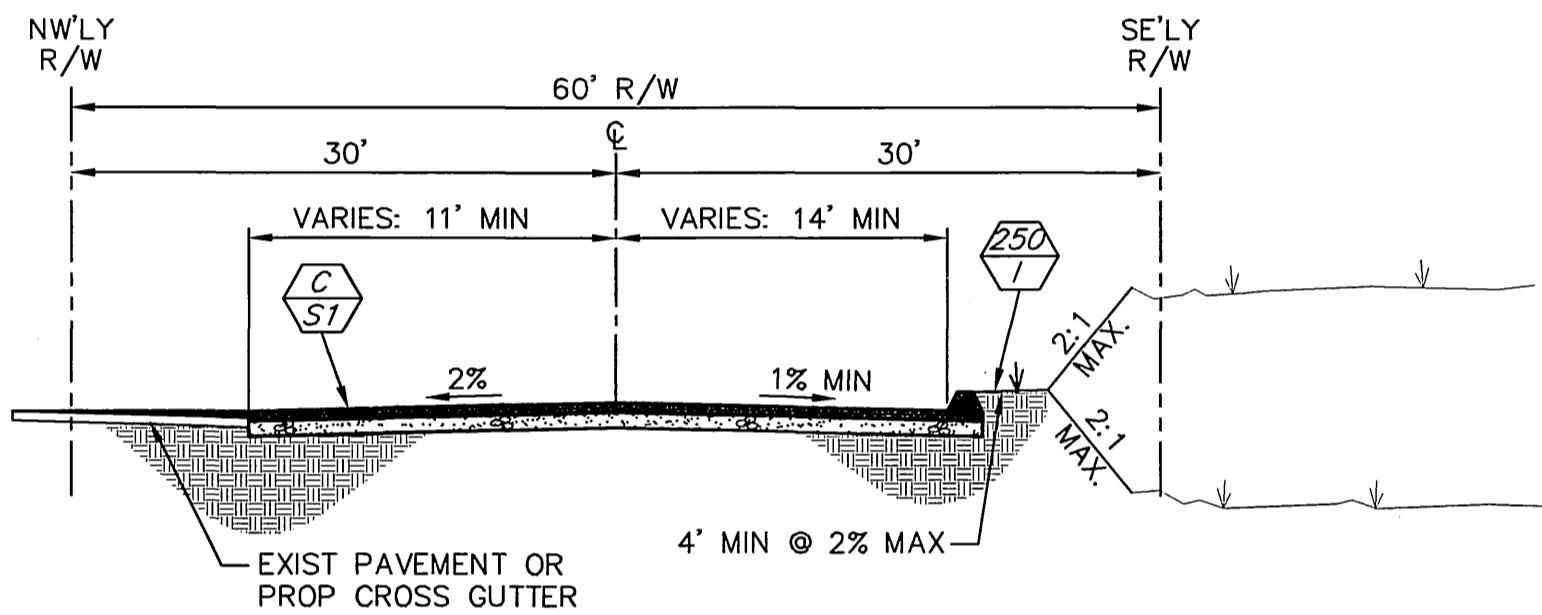
MOBLEY AVE
SCALE: NTS

* OVERLAY AS NECESSARY TO CREATE STRAIGHT GRADE FROM CENTERLINE TO PROPOSED EDGE OF PAVEMENT WHERE THE CROSS-SLOPE BETWEEN CENTERLINE AND EXISTING E.P. IS STEEPER THAN THE CROSS-SLOPE BETWEEN THE EXISTING E.P. AND THE PROPOSED GUTTER LIP.
** FEATHER OVERLAY ADJACENT TO EXISTING A.C. BERM

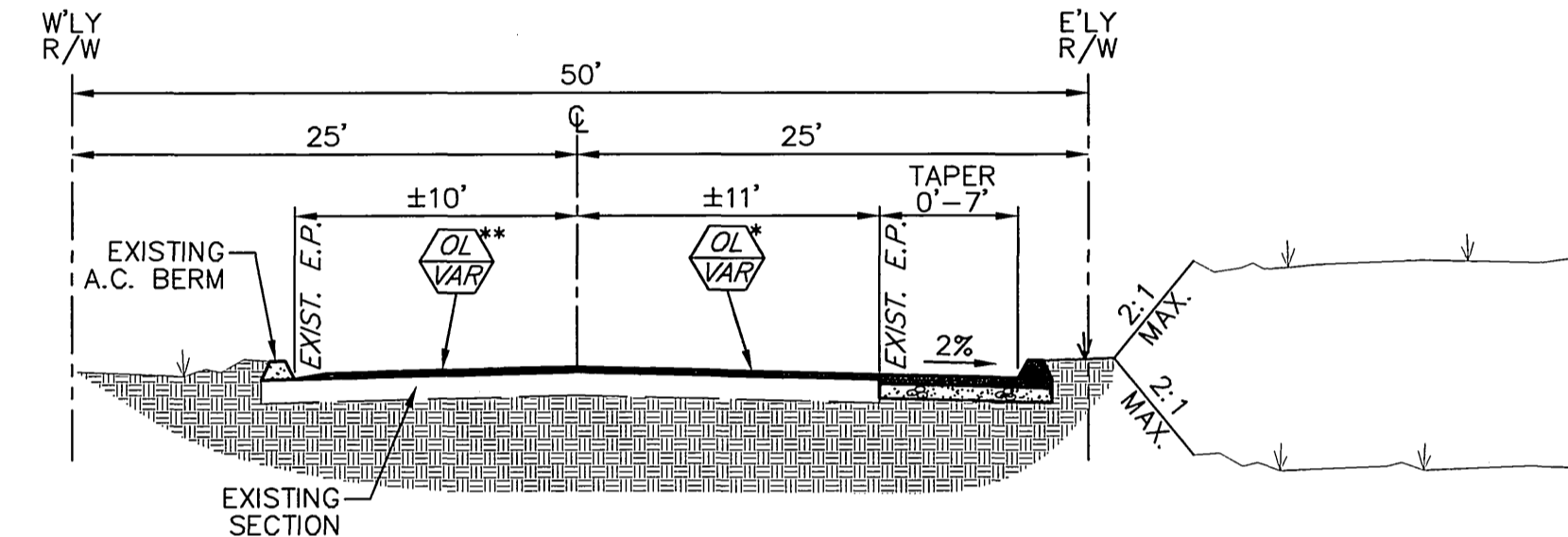


MULL AVE
SCALE: NTS

* OVERLAY AS NECESSARY TO CREATE STRAIGHT GRADE FROM PROPOSED CENTERLINE TO EXISTING EDGE OF PAVEMENT (BOTH SIDES)

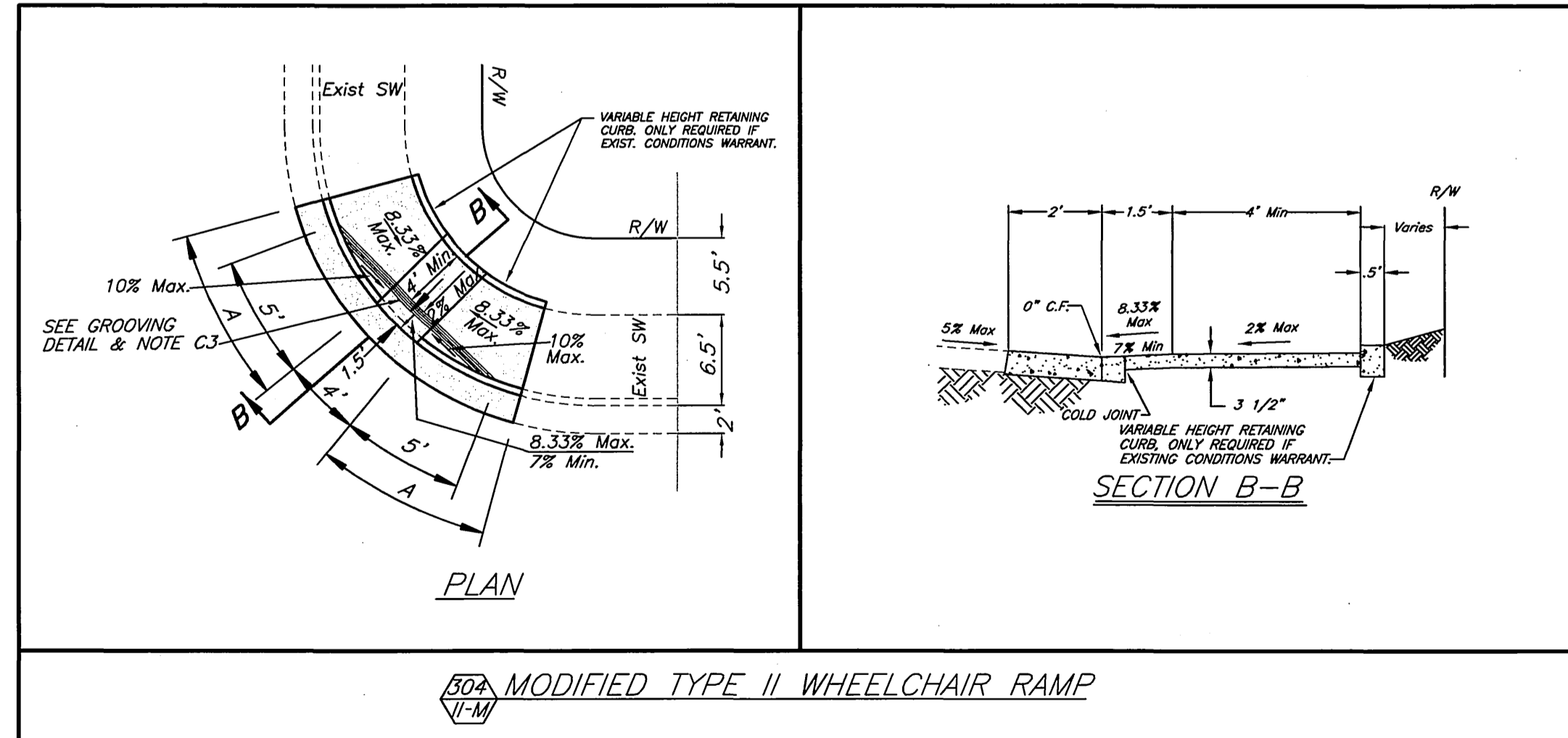


COOK AVE
SCALE: NTS



JONES AVE
SCALE: NTS

* OVERLAY AS NECESSARY TO CREATE STRAIGHT GRADE FROM CENTERLINE TO PROPOSED EDGE OF PAVEMENT
** FEATHER OVERLAY ADJACENT TO EXISTING A.C. BERM



ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/04
DATE 2/24/04

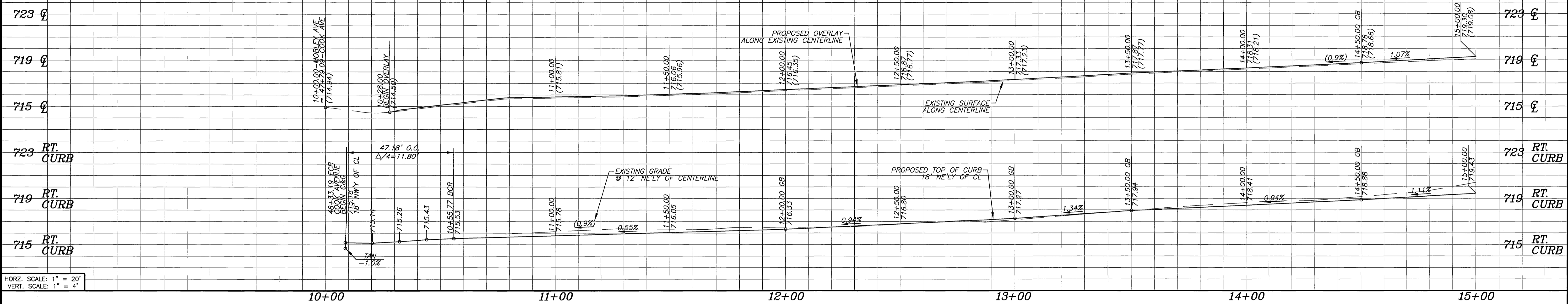


DESIGNED BY	EL	DRAWN BY	EL	CHECKED BY	M.K.
APPROVED BY		DATE			
PRINCIPAL ENGINEER	EL	DATE	2/24/04		
CONSTRUCTION ADMIN.	EL	DATE	2/24/04		
SURVEYOR	EL	DATE	2/24/04		
STREET SERVICES	EL	DATE	2/24/04		
TRAFFIC ENGINEER	EL	DATE	2/24/04		
PARK & REC. DEP.	EL	DATE	2/24/04		

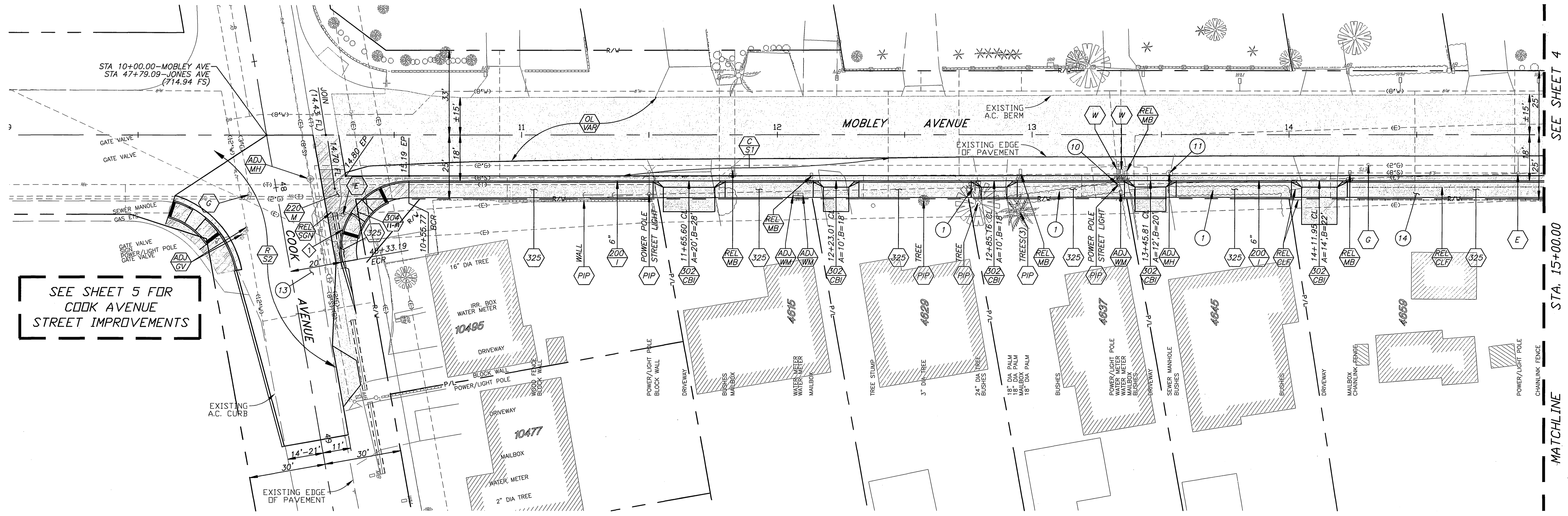
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
BY DATE
CONSTRUCTION ADMIN. 2/24/04
SURVEYOR 2/24/04
STREET SERVICES 2/24/04
TRAFFIC ENGINEER 2/24/04
PARK & REC. DEP. 2/24/04
APPROVED BY
BY DATE
CITY ENGINEER
DATE 2/27/04

MOBLEY AVENUE
STREET IMPROVEMENTS
(FROM COOK AVENUE
TO JONES AVENUE)
TYPICAL STREET SECTIONS/DETAILS
HORIZ. SCALE: N/A
VERT. SCALE: N/A

ACCT. NO. 9578128234-440304
R-3677
SHEET 2 OF 5
FILE NO.



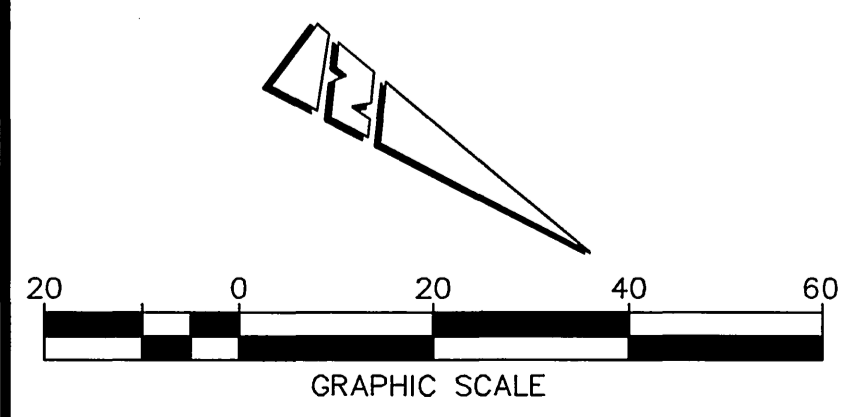
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'



SEE SHEET 4

STA. 15+00.00

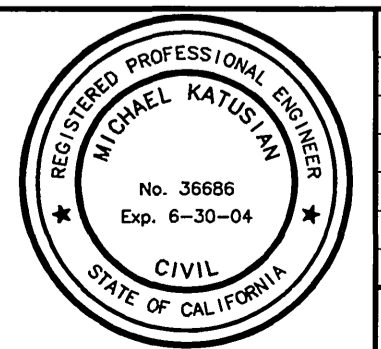
MATCHLINE



BEACHMARK F3-43
PK Nail & City Egn. Tag in the westerly curb of Tyler Street 64.5' southerly of the centerline intersection of Tyler Street and Ocampo Street ELEV. = 734.977

CURVE DATA					
DELTA	RADIUS	LENGTH	TANGENT	REMARK	
1	100'6.56"	27.00'	47.18'	32.24'	CURB RETURN

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/04
DATE 2/24/04



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

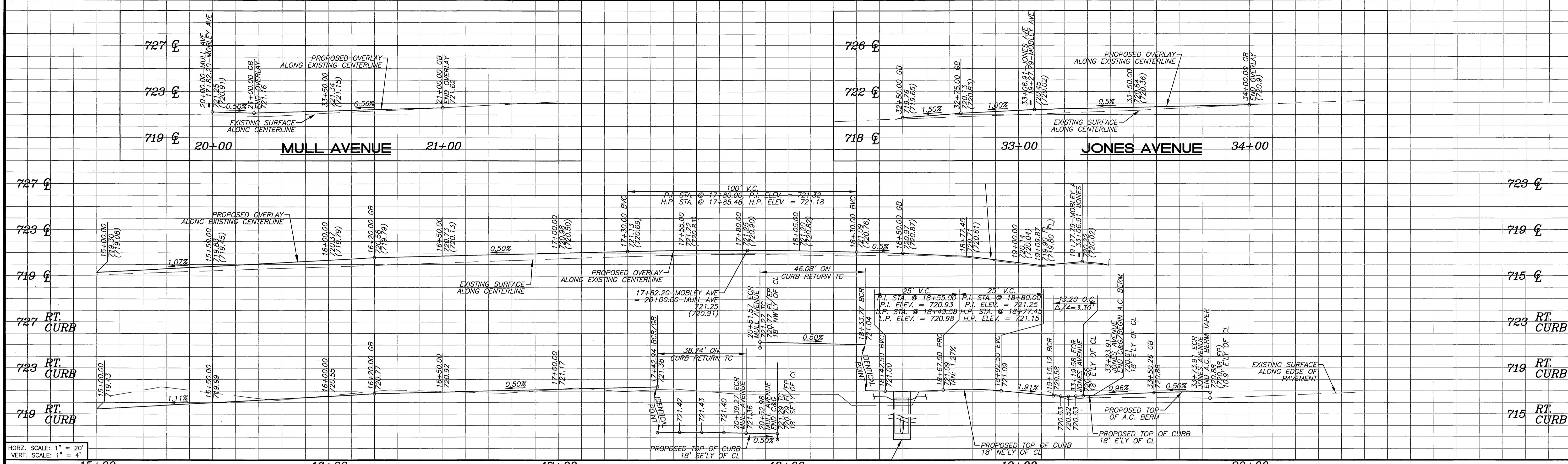
APPROVED BY	BY	DATE	APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	DU	2/23/04	CITY ENGINEER	Tom Boyd	2/27/04
CONSTRUCTION ADMIN.	MS	2/23/04	TRAFFIC ENGINEER		
SUPERVISOR					
STREET SERVICES					
TRAFFIC ENGINEER					
PARK & REC. DEP.					

MOBLEY AVENUE STREET IMPROVEMENTS
(FROM COOK AVENUE TO JONES AVENUE)
STA 10+00 TO STA 15+00

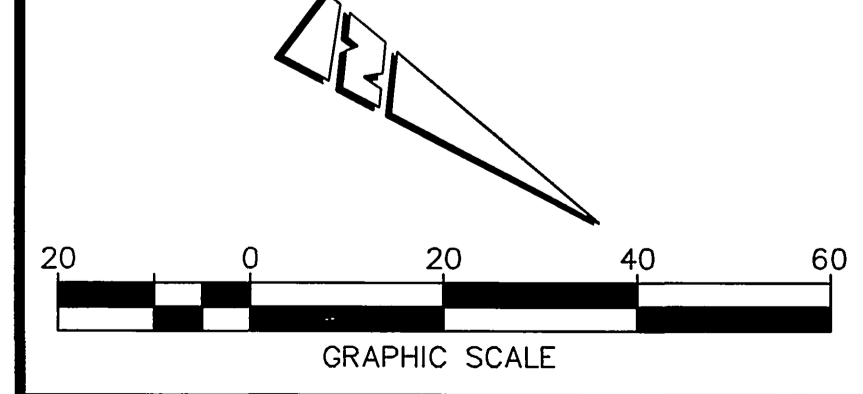
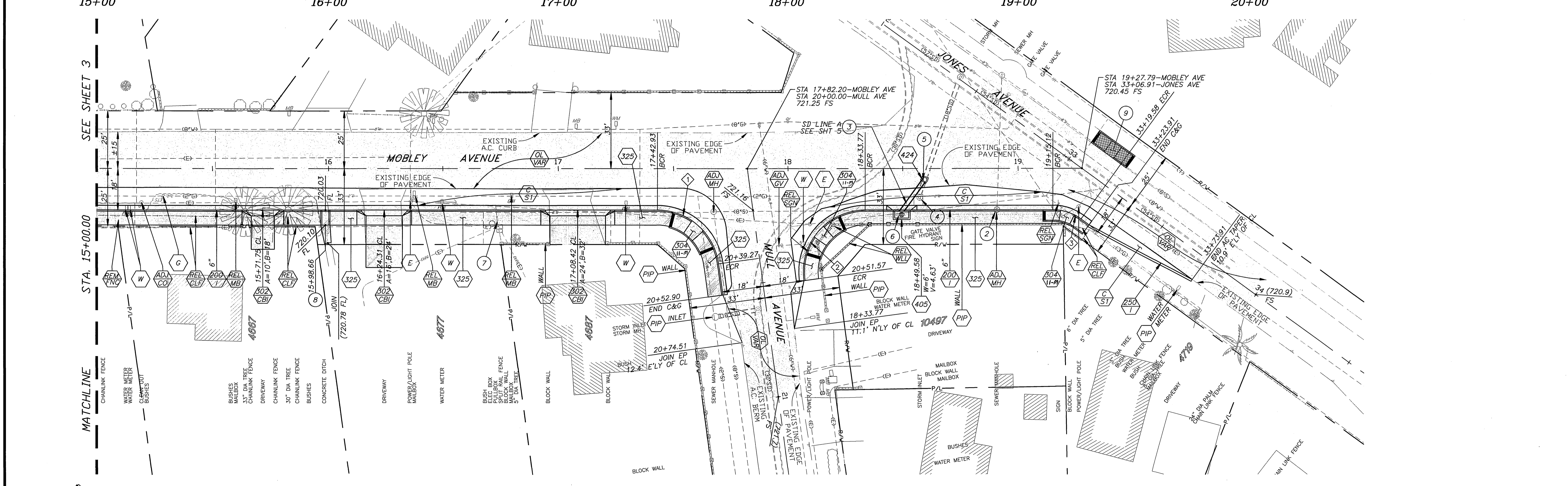
ACCT. NO. 9578128234-440304
R-3677
SHEET 3 OF 5
FILE NO.

HORIZ. SCALE: 1"=20' VERT. SCALE: 1"=4'

INDEXED 5-10-04 LFA



HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'



BENCHMARK E3-63
Pt. Nail in City Eng. Top in the
western corner of Tyler Street
64.5' South of the
centerline intersection of
Tyler Street and Ocampo
Street. ELEV. = 754.979

CURVE DATA					
Δ	DELTA	RADIUS	LENGTH	TANGENT	REMARK
1	82°12'43"	27.00'	38.74'	23.56'	CURB RETURN
2	97°47'17"	27.00'	46.08'	30.94'	CURB RETURN
3	36°00'35"	21.00'	13.20'	6.83'	CURB RETURN

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/04
DATE 2/24/04

MARK	REVISIONS	APPR.	DATE

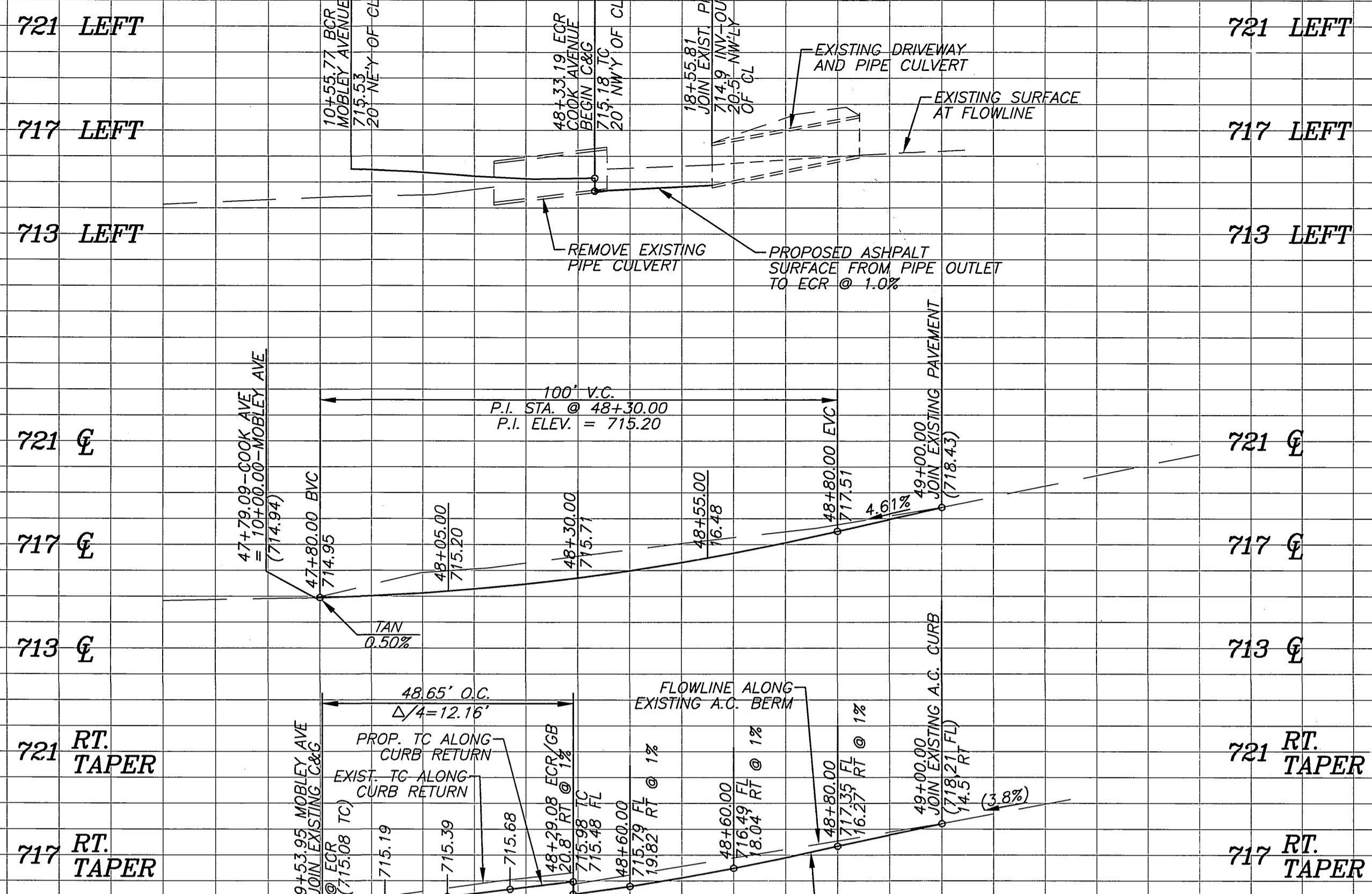
**CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT**

APPROVED BY: *[Signature]* DATE: *[Date]*
PRINCIPAL ENGINEER
CONSTRUCTION ADMIN. *[Signature]*
SURVEYOR *[Signature]*
STREET SERVICES *[Signature]*
TRAFFIC ENGINEER *[Signature]*
DATE: *[Date]*

**MOBLEY AVENUE
STREET IMPROVEMENTS**
(FROM COOK AVENUE
TO JONES AVENUE)
STA. 15+00 TO STA 19+28

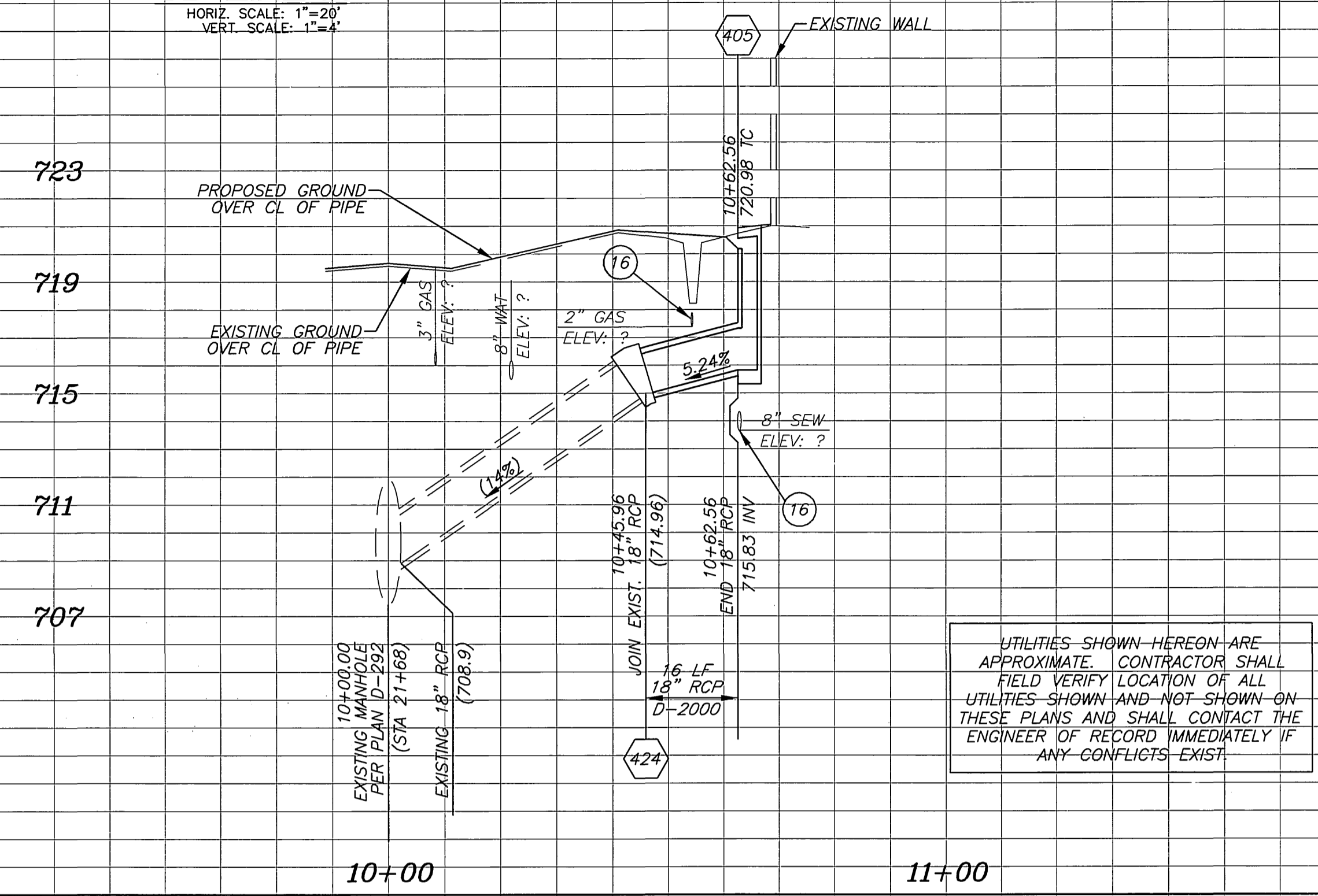
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ACCT. NO. 9578128234-440304
R-3677
SHEET 4 of 5
FILE NO.



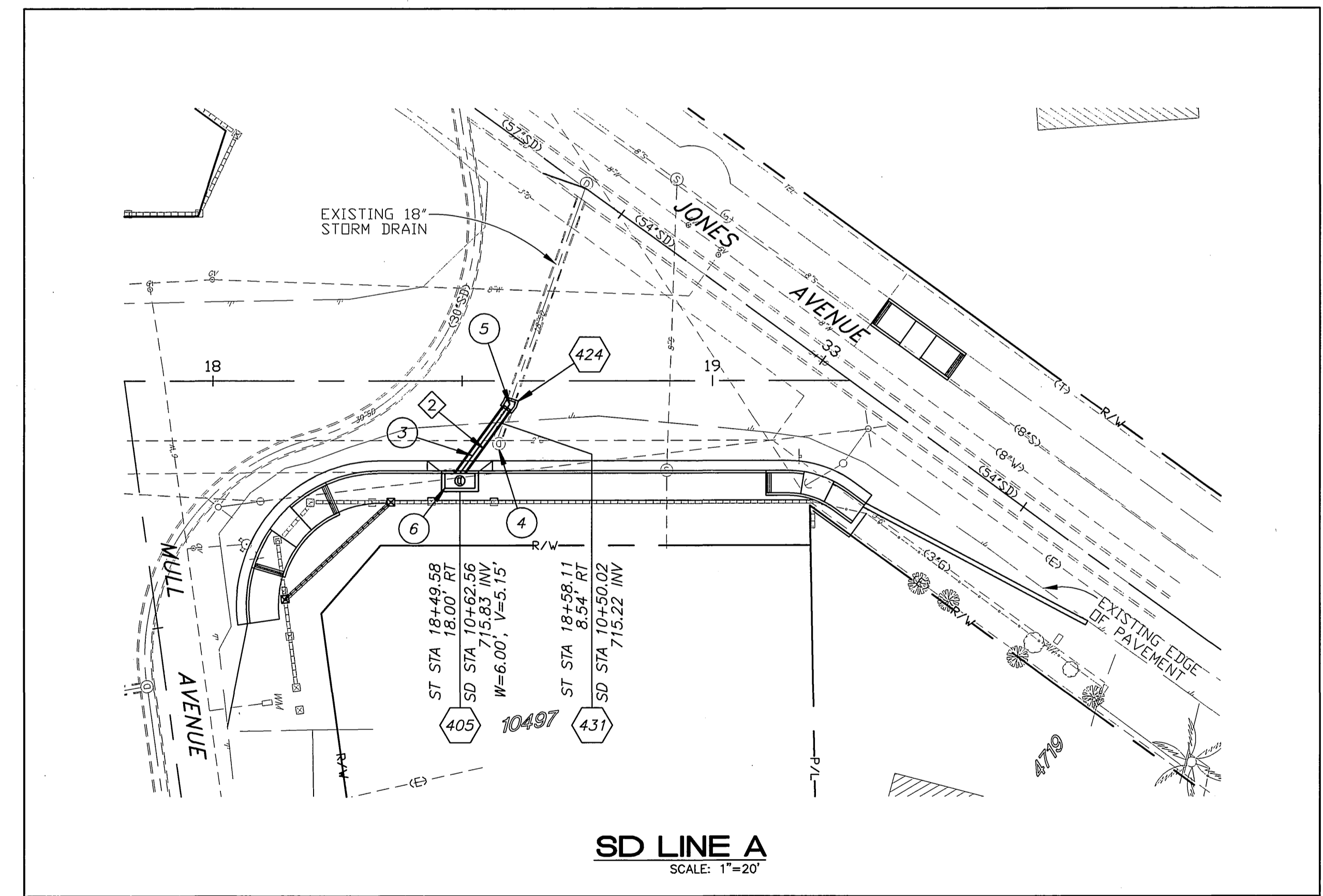
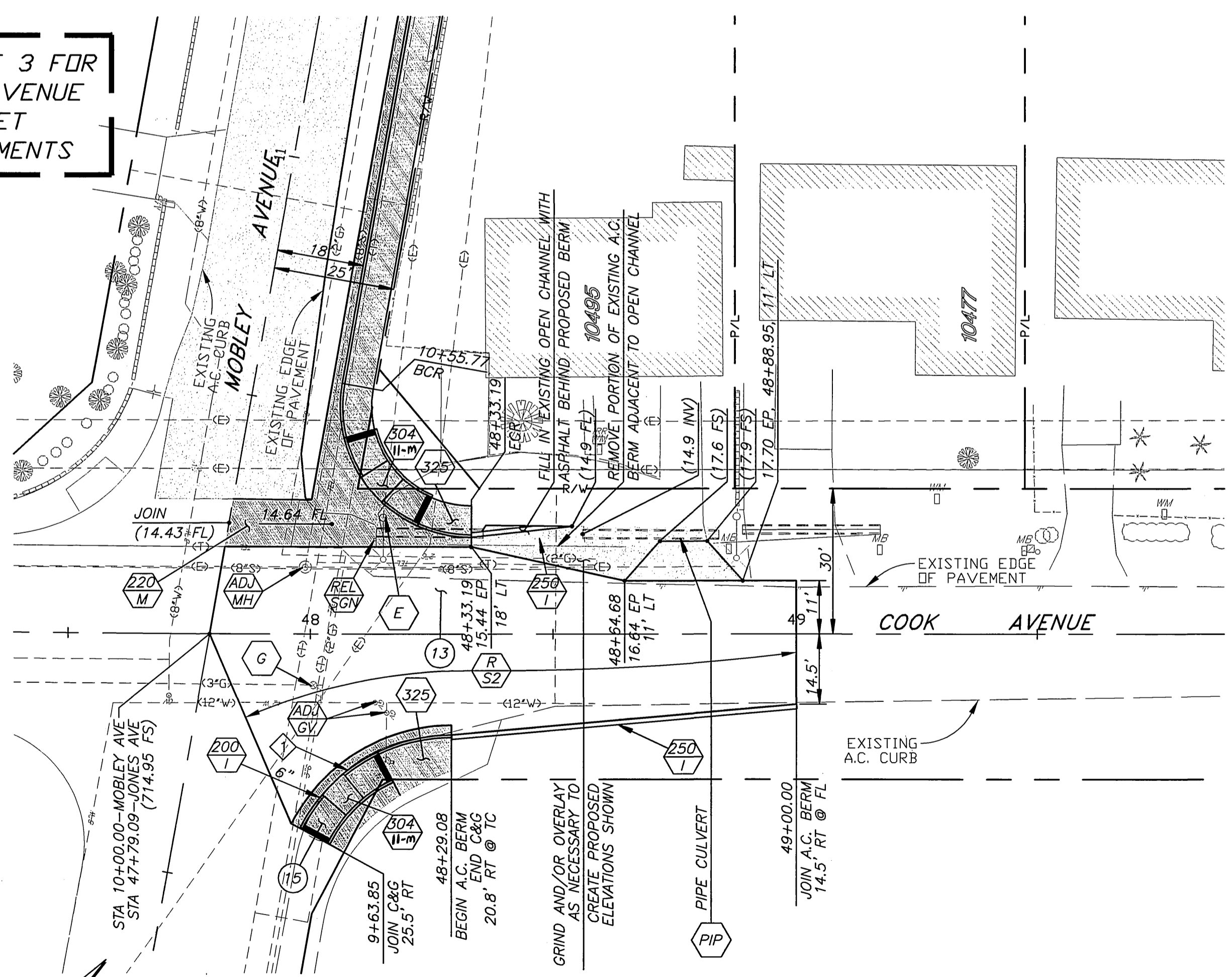
HORZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'

SD LINE A
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'



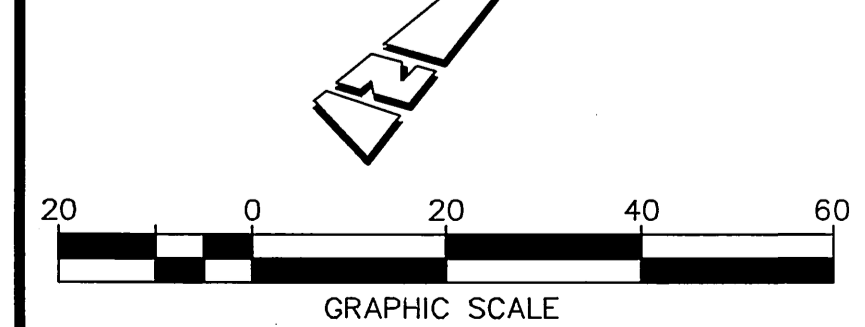
UTILITIES SHOWN HEREON ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UTILITIES SHOWN AND NOT SHOWN ON THESE PLANS AND SHALL CONTACT THE ENGINEER OF RECORD IMMEDIATELY IF ANY CONFLICTS EXIST.

SEE SHEET 3 FOR MOBLEY AVENUE STREET IMPROVEMENTS



STORM DRAIN DATA

BEARING	RADIUS	LENGTH	TANGENT	REMARK
2 N80°22'28"	--	11.73'	--	18" RCP



BENCHMARK F3-K3
PK Nail + City Engr. Tag in the westerly curb of Tyler Street 64.5' southerly of the centerline intersection of Tyler Street and Ocampo Street ELEV. 754.979

CURVE DATA

DELTA	RADIUS	LENGTH	TANGENT	REMARK
1 62°52'41"	35.18'	38.61'	21.51'	CURB RETURN

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36685 expires 6/30/04
DATE 2/24/04



CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature]
DATE: 2/27/04

COOK AVENUE
STREET IMPROVEMENTS
(FROM MOBLEY AVENUE TO 120' NELY OF MOBLEY AVENUE)
STA 47+79 TO STA 49+00
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

ACCT. NO. 9578128234-440304
R-3677
SHEET 5 OF 5
FILE NO.

INDEXED 5-10-04 Lft