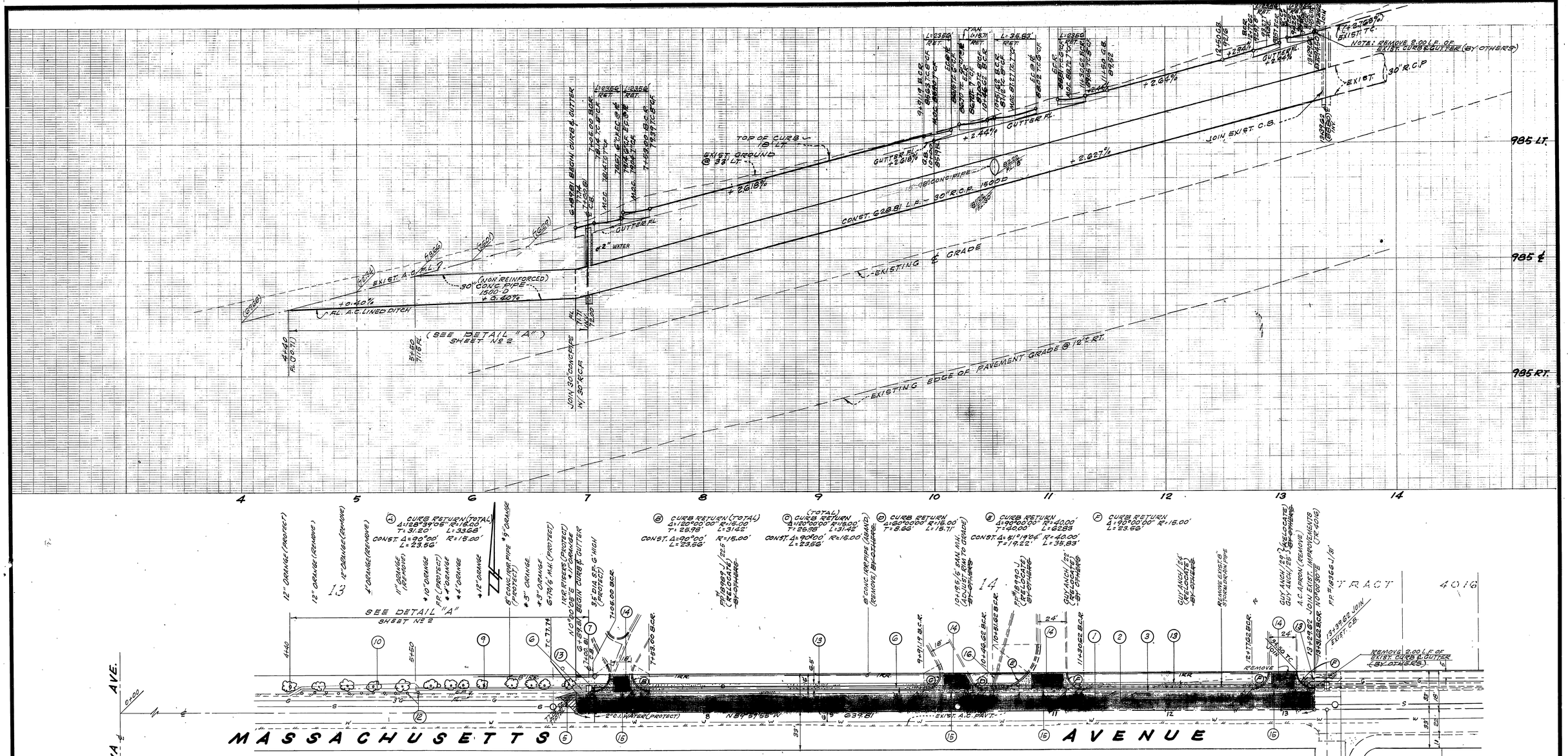
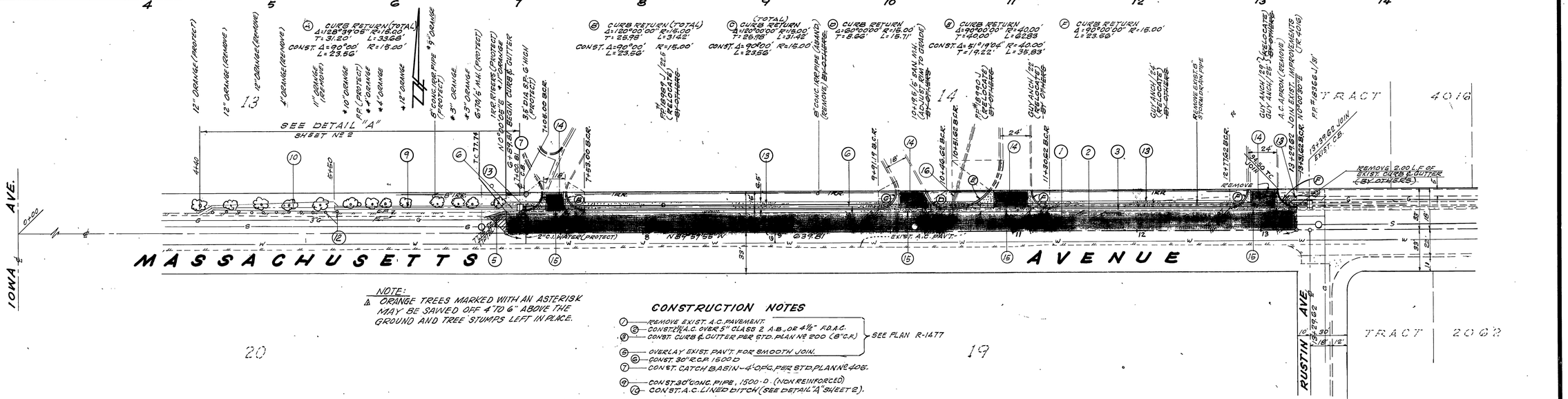




NOTE:
△ ORANGE TREES MARKED WITH AN ASTERISK MAY BE SAWED OFF 4" TO 6" ABOVE THE GROUND AND TREE STUMPS LEFT IN PLACE.

CONSTRUCTION NOTES

1. REMOVE EXIST. A.C. PAVEMENT.
2. CONST. 2½" A.C. OVER 5" CLASS 2 A.B., OR 4½" F.D. A.C.
3. CONST. CURB & GUTTER PER STD. PLAN No 200 (8" C.F.)
5. OVERLAY EXIST. PAV'T. FOR SMOOTH JOIN.
6. CONST. 30" R.C.P. 1500 D
7. CONST. CATCH BASIN - 4' OPG. PER STD. PLAN No 405.
9. CONST. 30" CONC. PIPE, 1500-D. (NON REINFORCED)
10. CONST. A.C. LINED DITCH (SEE DETAIL "A" SHEET 2).
12. INSTALL W GOR LIGHT REFLECTORS AT 10' O.C. PER STD. # 665 & # 666.
13. CONST. CURB SIDEWALK PER STD. PLAN No 325.
14. CONST. 2½" A.C. OVER 5" CLASS 2 A.B.
15. CONST. CROSS GUTTER & APRONS PER STD. PLAN No 220
16. INSTALL 18" CONC. PIPE SEE DETAIL "B" SHEET No 2.

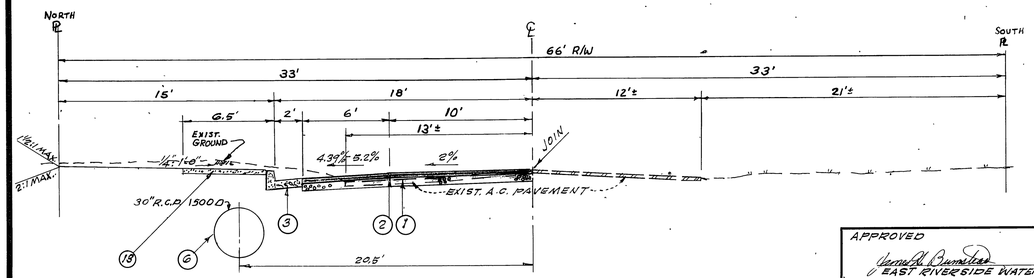
SEE PLAN R-1477

SEE PLAN R-1477

GENERAL NOTES

1. Construction shall be in accordance with Standard Specifications for Public Works Construction, 1970 Edition & City of Riverside Standard Dwgs.
2. The City will issue the contractor construction permits at no charge.

BENCH MARK
PK. NAIL IN CONC. HD'WL. @ S.E. COR. IOWA & SPRUCE.
C.R. F.B. 682/78 ELEV. 962.98



TYPICAL SECTION ~ MASSACHUSETTS AVENUE
SCALE: 1" = 5' T.I. = 6

APPROVED
EAST RIVERSIDE WATER CO.
DATE 3/2/71

HAWKINS, ROBERTSON & ASSOC.
ENGINEERS & SURVEYORS
RIVERSIDE, CALIFORNIA
Charles E. Robertson 9-30-70
R.C.E. 15016 DATE
J.O. 2013
FOR: RIV. UNIF. SCHOOL DIST. F.B. 105/37

MARK	REVISIONS	APPR.	DATE
△	ADDED ORANGE TREES 4+40 Lt. to 6+65 Lt.		5.5.71

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

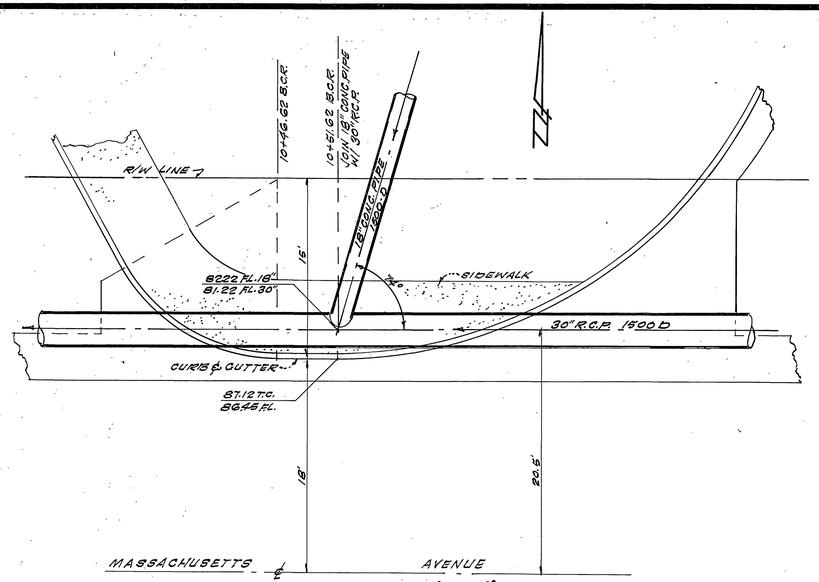
APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT	—	—
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		3/2

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

STORM DRAIN PLAN AND PROFILE
MASSACHUSETTS AVENUE
FROM 689.81' TO 1339.62' EAST OF ℄ OF IOWA AVE. (NORTHERLY SIDE)
C-19-701

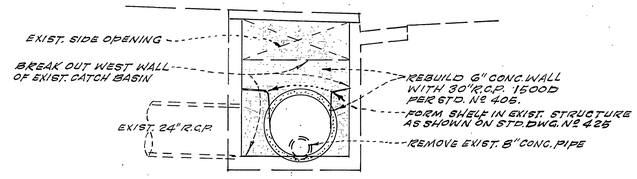
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

PROJECT NO. D-221
SHEET 1 OF 2
FILE NO. 4187



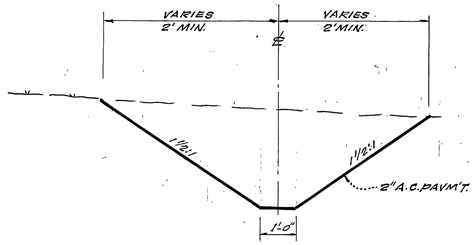
DETAIL "B"

SCALE: 1"=6'



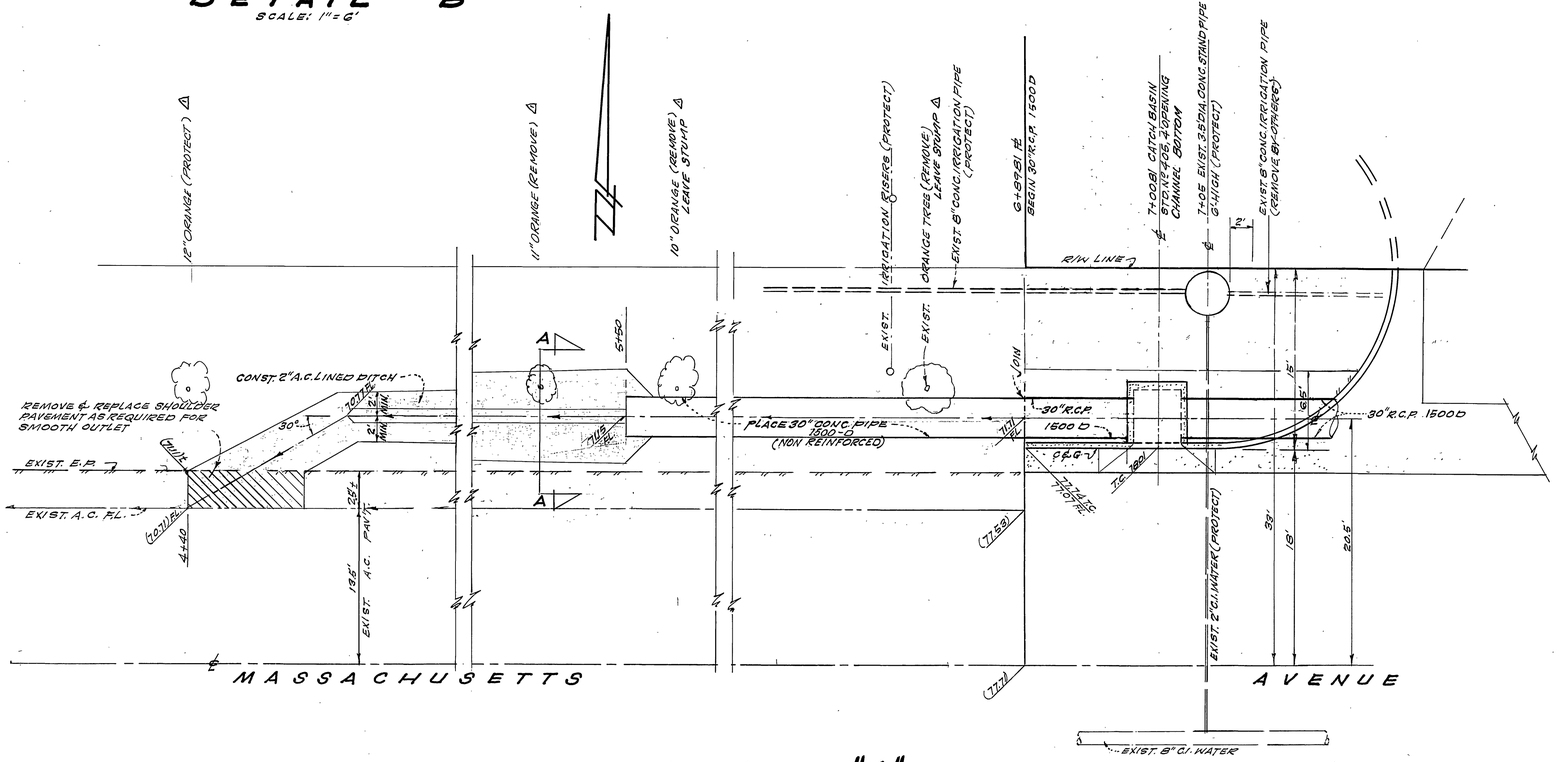
SECTION "B-B"

WEST WALL OF EXISTING CATCH BASIN ~ STA. 13+39.62
SCALE: 1"=3'



SECTION "A-A"

A.C. LINED DITCH
SCALE: 1"=2'



DETAIL "A"

SCALE: 1"=6'

BENCH MARK
P.K. NAIL IN CONC. HD'WL. @ SE COR.
IOWA & SPRUCE
C.R. F.B. 682/78 ELEV. 962.98

HAWKINS, ROBERTSON & ASSOC.
ENGINEERS & SURVEYORS
RIVERSIDE, CALIFORNIA

Charles E. Robertson 9-30-70
R.C.E. 15016 DATE
J.O. 2013

FOR: RIV. UNIF. SCHOOL DIST. F.B. 105/37

MARK	REVISIONS	APPR.	DATE
A	ADDED ORANGE TREES 4+40 LT. to 6+65 LT.		5-5-71

DESIGNED BY ____ DRAWN BY ____ CHECKED BY ____

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	—	—
ASSISTANT CITY ENG.		3-3-71

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 3-3-71

STORM DRAIN
DETAIL SHEET
MASSACHUSETTS AVE.
W'LY. FROM TRACT 4016
C-19-701

HORIZ. SCALE: 1" = AS SHOWN VERT. SCALE: 1" =

PROJECT NO. D-221
SHEET 2 OF 2
FILE NO. 4187