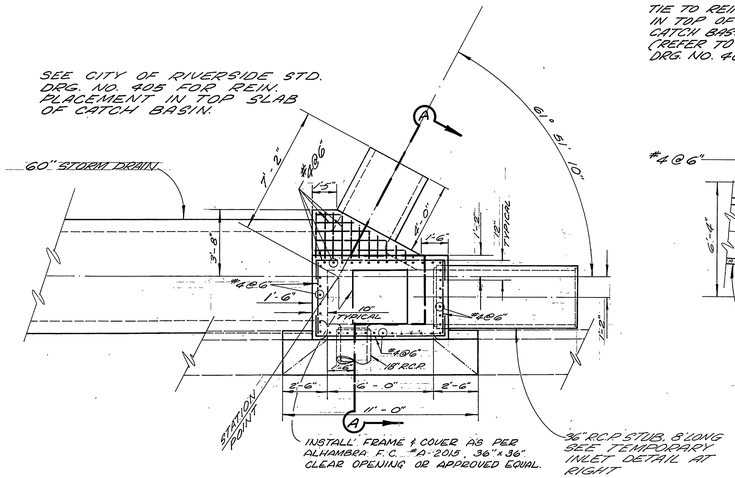
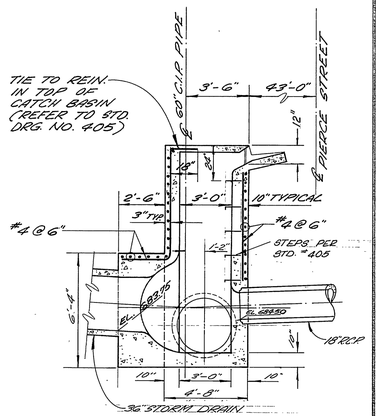
PIERCE STREET — NORTH LATERAL

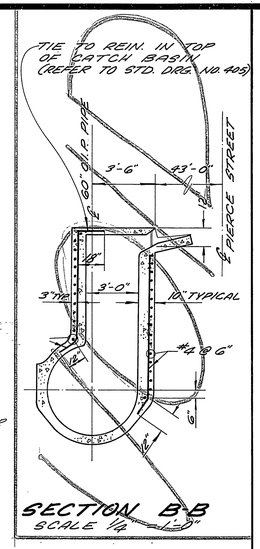
LA SIERRA CHANNEL



MODIFIED CATCH BASIN DETAIL
SCALE 1/4" = 1'-0"

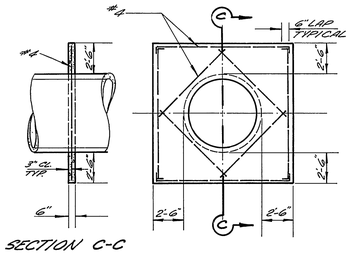


SECTION A-A
SCALE 1/4" = 1'-0"

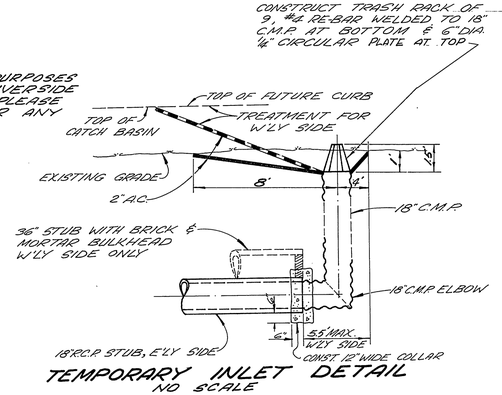


SECTION B-B
SCALE 1/4" = 1'-0"

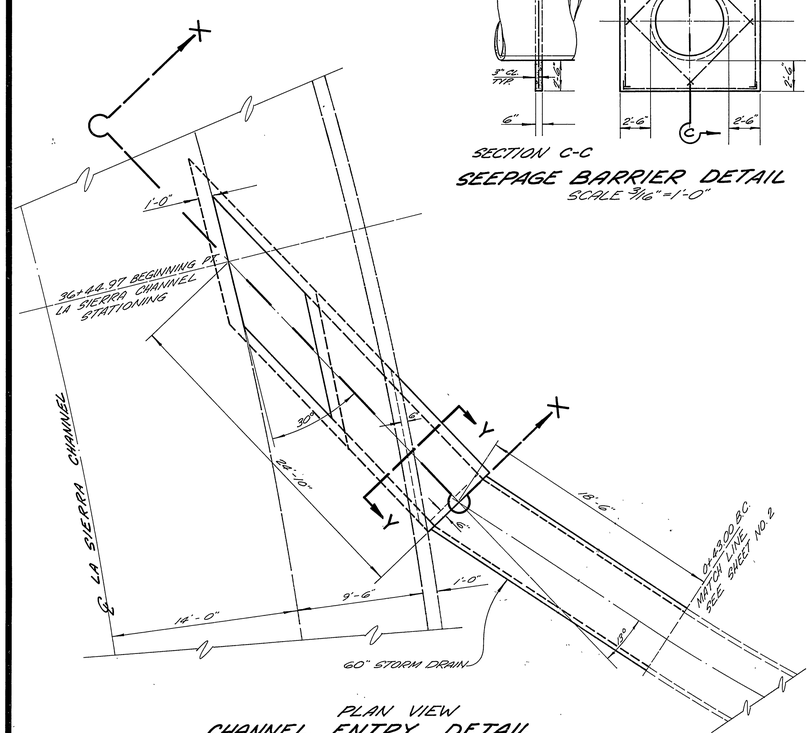
NOTE:
DETAILS SHOWN ABOVE ARE FOR PURPOSES OF MODIFICATION TO CITY OF RIVERSIDE STANDARD DRAWING NO. 405. PLEASE REFER TO STD. DRG. NO. 405 FOR ANY INFORMATION NOT SHOWN.



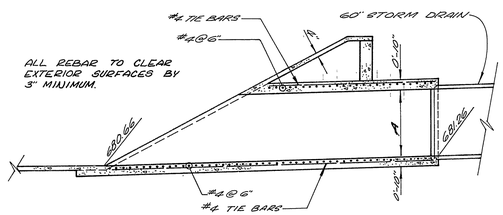
SECTION C-C
SEEPAGE BARRIER DETAIL
SCALE 3/16" = 1'-0"



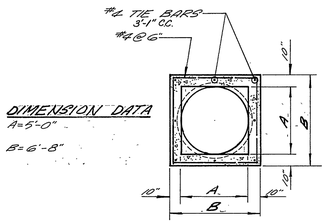
TEMPORARY INLET DETAIL
NO SCALE



PLAN VIEW
CHANNEL ENTRY DETAIL
SCALE 3/16" = 1'-0"

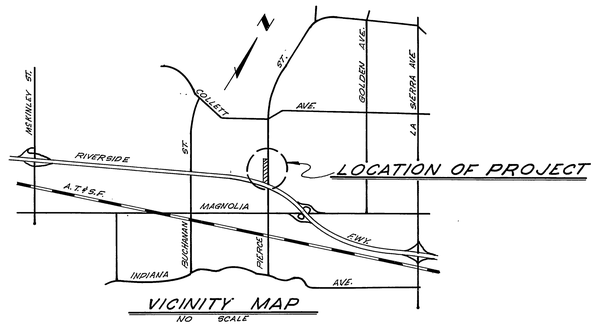


SECTION X-X
CHANNEL ENTRY DETAIL
SCALE 3/16" = 1'-0"



DIMENSION DATA
A=5'-0"
B=6'-8"

SECTION Y-Y
CHANNEL ENTRY DETAIL
SCALE 3/16" = 1'-0"



VICINITY MAP
NO SCALE

PREPARED IN THE OFFICE OF:
WILLIAM G. CHURCH
CONSULTING CIVIL ENGINEERS
3928 CAMPUS DRIVE
NEWPORT BEACH
CALIFORNIA 92660
PHONE: (714) 540-7377

John J. Mullen 5-19-71
JOHN J. MULLEN RCE. 15822

PRIVATE ENGINEERS NOTICE TO CONTRACTOR
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THIS PLAN. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN.

BENCH MARK
P.K. NAIL IN LEAD IN N. CORNER OF EAST HEADWALL OF FLOOD CONTROL CHANNEL 300' N'LY OF FWY. CROSSING AT PIERCE STREET.
ELEV. 690.521 F.B. 704/17

As Built 4/27/72 LL

MARK	REVISIONS	APPR.	DATE

DESIGNED BY ____ DRAWN BY C.E.W. CHECKED BY LL

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY		
OFFICE ENGINEER	C.W.U.	5/3/71
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

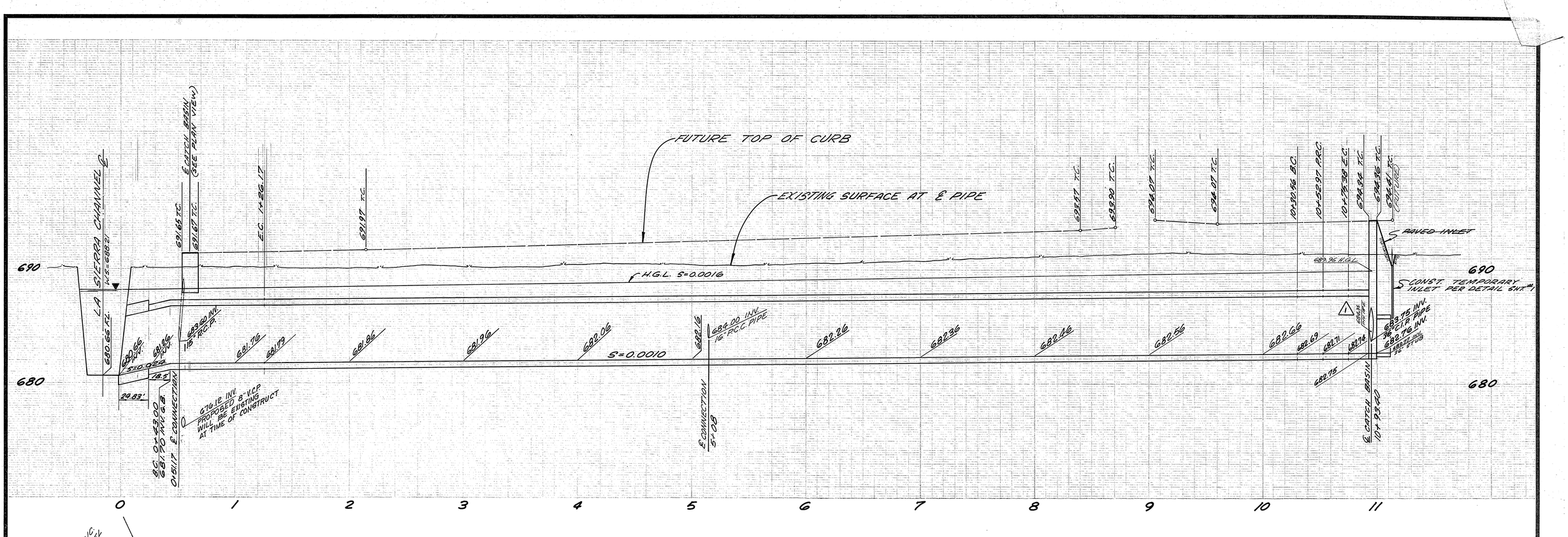
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5/27/71

PIERCE ST. – NORTH LATERAL
LA SIERRA CHANNEL
FOR C-29-701 & AM #97

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

PROJECT NO. D-225
SHEET 1 OF 2
FILE NO.

J.N. 290



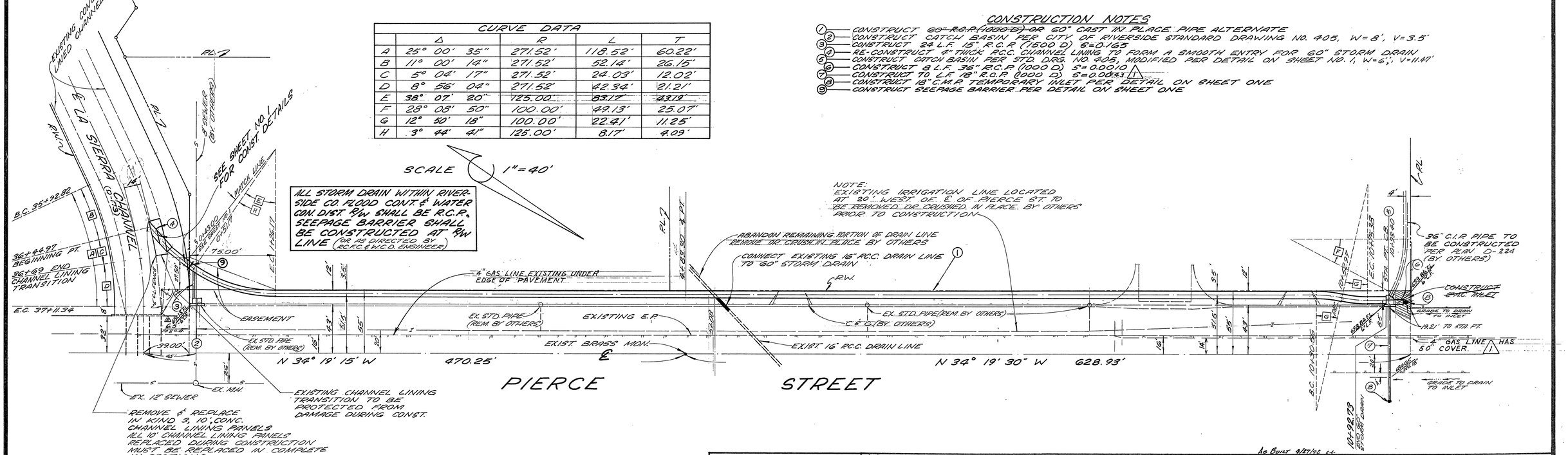
CURVE DATA				
	Δ	R	L	T
A	25° 00' 35"	271.52'	118.52'	60.22'
B	11° 00' 14"	271.52'	52.14'	26.15'
C	5° 04' 17"	271.52'	24.03'	12.02'
D	8° 56' 04"	271.52'	42.34'	21.21'
E	38° 07' 20"	125.00'	83.17'	43.19'
F	28° 05' 50"	100.00'	49.13'	25.07'
G	12° 50' 18"	100.00'	22.41'	11.25'
H	3° 44' 41"	125.00'	8.17'	4.09'

CONSTRUCTION NOTES

1. CONSTRUCT 60"-R.C.P.(1000-D)-OR 60" CAST IN PLACE PIPE ALTERNATE
2. CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STANDARD DRAWING NO. 405, W=8', V=3.5'
3. CONSTRUCT 24 L.F. 15" R.C.P. (1500 D) S=0.165
4. RE-CONSTRUCT 4" THICK R.C.C. CHANNEL LINING TO FORM A SMOOTH ENTRY FOR 60" STORM DRAIN
5. CONSTRUCT CATCH BASIN PER STD. DRG. NO. 405, MODIFIED PER DETAIL ON SHEET NO. 1, W=6', V=11.47'
6. CONSTRUCT 8 L.F. 36" R.C.P. (1000 D) S=0.0010
7. CONSTRUCT 70 L.F. 18" R.C.P. (1000 D) S=0.0043
8. CONSTRUCT 18" C.M.P. TEMPORARY INLET PER DETAIL ON SHEET ONE
9. CONSTRUCT SEEPAGE BARRIER PER DETAIL ON SHEET ONE

SCALE 1"=40'

ALL STORM DRAIN WITHIN RIVERSIDE CO. FLOOD CONT.& WATER CON. DIST R/W SHALL BE R.C.P. SEEPAGE BARRIER SHALL BE CONSTRUCTED AT R/W LINE (OR AS DIRECTED BY R.C.F.C. & W.C.D. ENGINEER)



APPROVED BY:	MARK	REVISIONS	APPR.	DATE
	⚠1	ADDENDUM #1: GAS LINE SHOWN, INCREASED SLOPE OF 18" R.C.P.		12-7-71
	⚠2	REVISED PLAN VIEW FLOW LINES, WATER LINES		12-9-71

DESIGNED BY ____ DRAWN BY C.E.W. CHECKED BY ____

John J. Mullen 6-22-71
JOHN J. MULLEN R.C.E. 15822

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	C.E.W.	5/30
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY: K. Williams & Hostetler, DIRECTOR OF PUBLIC WORKS
DATE 8/27/71

Ao Buret 8/27/72 c.e.

PIERCE ST. - NORTH LATERAL
LA SIERRA CHANNEL
FOR C-29-701 & P.M.# 37

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

PROJECT NO. D-225
SHEET 2 OF 2
FILE NO.

J.N. 290 N D