

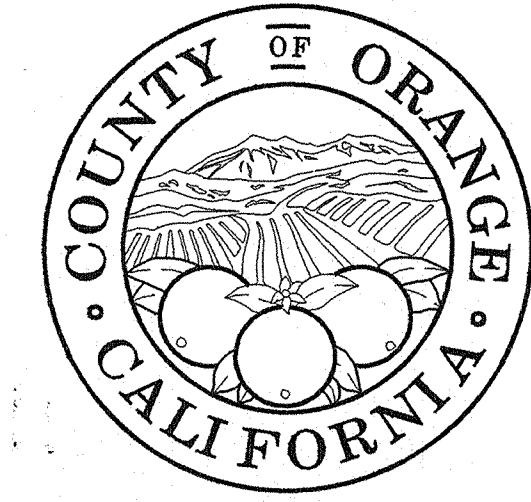


PUBLIC FACILITIES & RESOURCES DEPARTMENT

JOHN W. SIBLEY, DIRECTOR

WILLIAM L. ZAUN, DEPUTY DIRECTOR /CHIEF ENGINEER

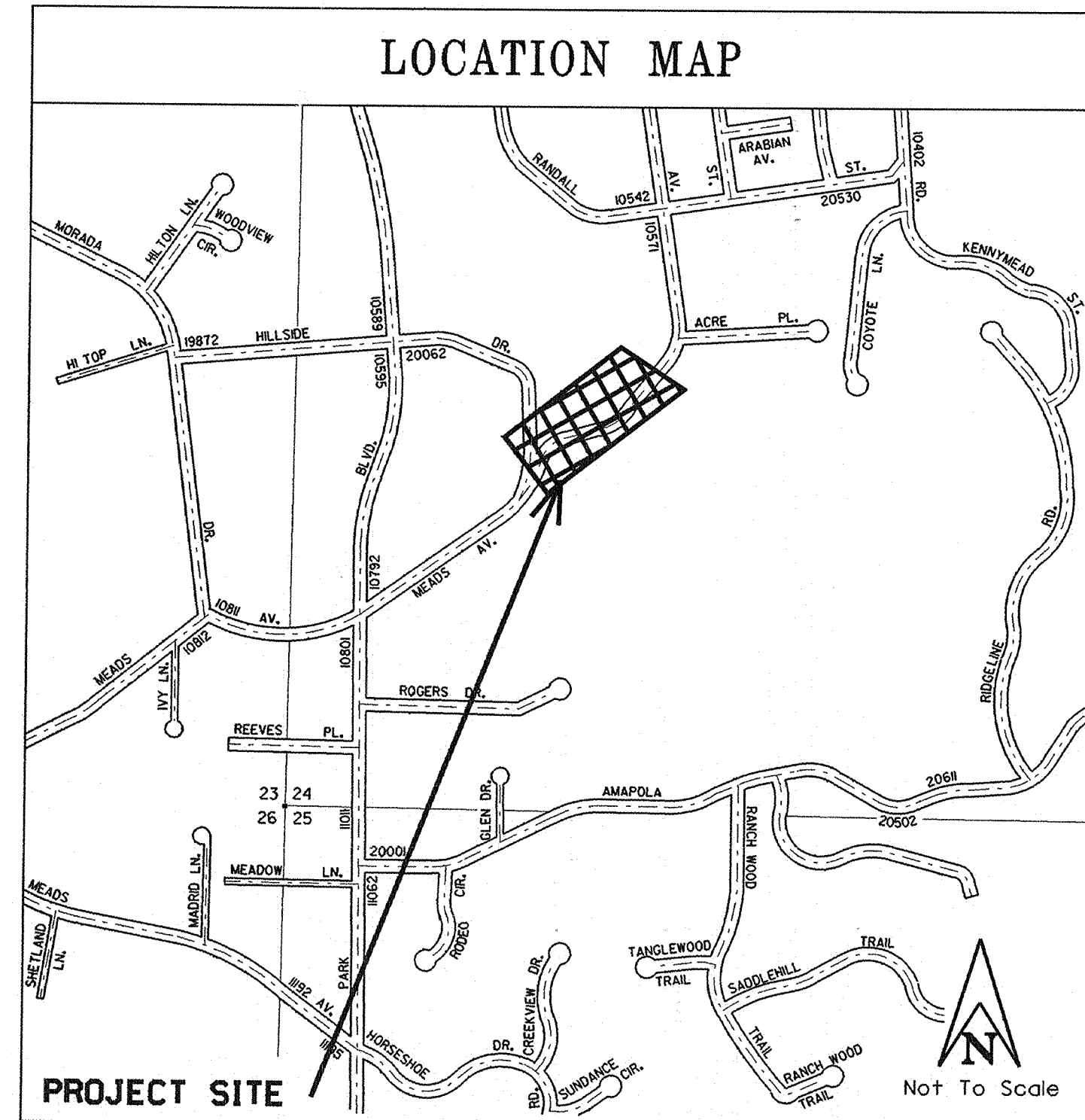
JOHN CANAS, COUNTY SURVEYOR



See Page 2

MEADS AVE. STORM DRAIN

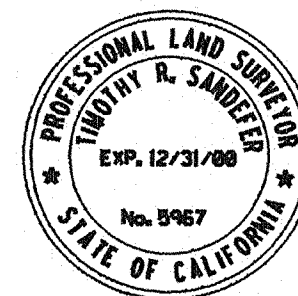
FROM HILLSIDE DR. TO 150 FT. NE'LY OF HANDY CREEK



SENIOR LAND SURVEYOR'S CERTIFICATION

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Professional Land Surveyor's Act; this 24TH day of APRIL, 1997.

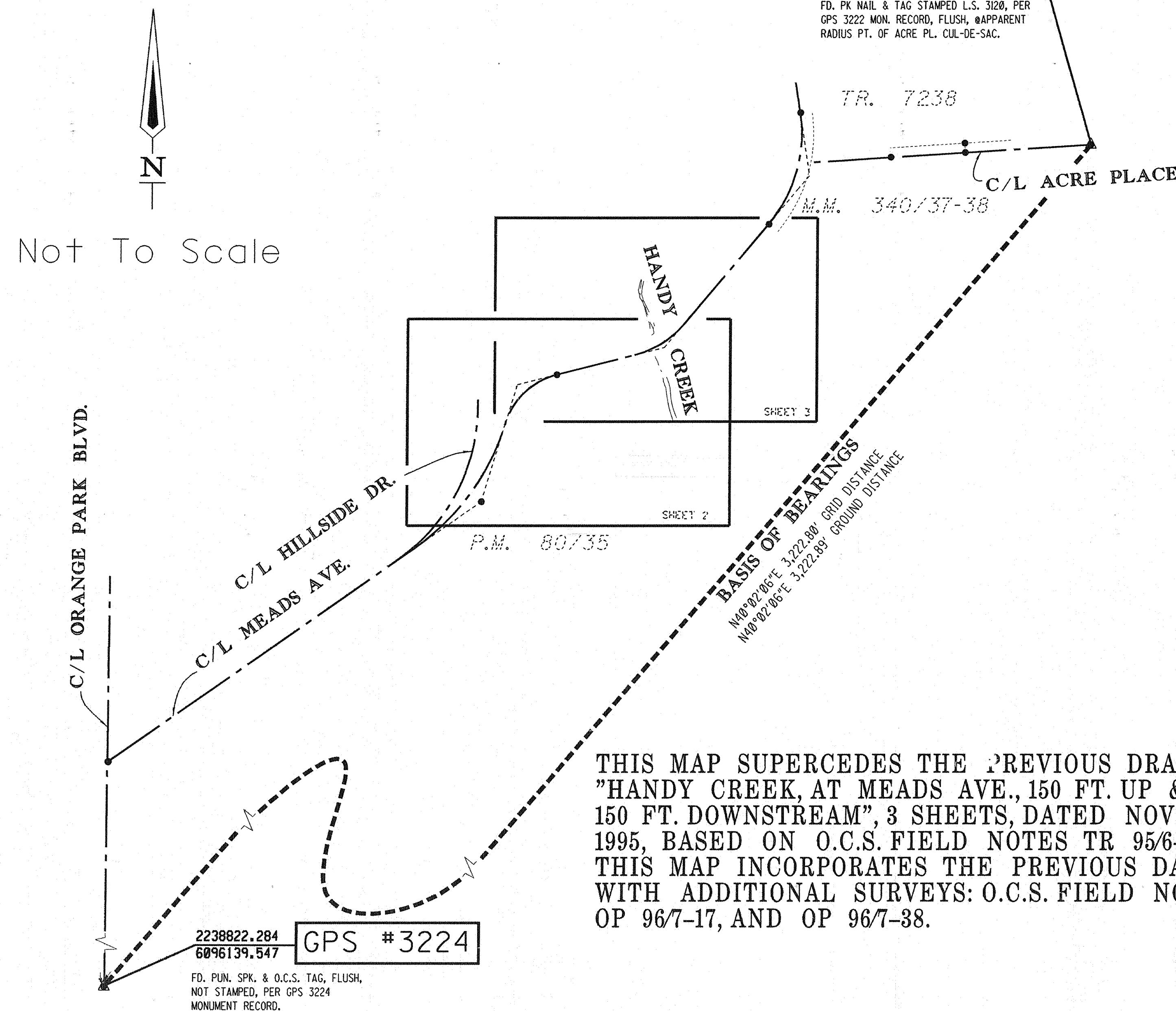
Timothy R. Sandefer
Senior Land Surveyor



DEPUTY COUNTY SURVEYOR'S STATEMENT

This map has been examined in accordance with the Professional Land Surveyor's Act this 24TH day of APRIL, 1997.

Michael K. Sull
Deputy County Surveyor



THIS MAP SUPERCEDES THE PREVIOUS DRAWING, "HANDY CREEK, AT MEADS AVE., 150 FT. UP & 150 FT. DOWNSTREAM", 3 SHEETS, DATED NOV. 7, 1995, BASED ON O.C.S. FIELD NOTES TR 95/6-5S. THIS MAP INCORPORATES THE PREVIOUS DATA WITH ADDITIONAL SURVEYS: O.C.S. FIELD NOTES OP 96/7-17, AND OP 96/7-38.

TOPOGRAPHIC MAPPING PROJECT

BASIS of BEARINGS

THE BASIS OF BEARINGS HEREON IS THE GRID INVERSE BETWEEN OCS GPS STATIONS #3224 AND #3222, BEING N40° 02' 06" E.

NOTES

THE BEARINGS AND DISTANCES SHOWN HEREON ARE TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND ARE NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES.

HORIZONTAL DATUM

COORDINATES ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM, (CCS83) ZONE VI, 1983 NORTH AMERICAN DATUM, (1991.35 EPOCH O.C.S. G.P.S. ADJUSTMENT).

DISTANCES SHOWN ARE GROUND. MULTIPLY GROUND DISTANCES BY 0.99997021 TO OBTAIN GRID DISTANCES.

VERTICAL DATUM

O.C.S. BM. #3L-54-92 ELEV. = 448.975

NGVD 1929 (1976 O.C.S. ADJUSTMENT)

SHEET INDEX

SHEET NO.	DESCRIPTION
Sheet #1	Title Sheet and Index Map
Sheet #2	Survey Control Schematic
Sheet #3	Topographic Map
Sheet #4	Topographic Map
Sheet #5	Driveway Profiles

PUBLIC FACILITIES & RESOURCES DEPARTMENT SURVEY DIVISION/TOPOGRAPHIC MAPPING SECTION			
MEADS AVE. STORM DRAIN			
MEADS AVE. FROM HILLSIDE DR. TO 150' NE'LY HANDY CREEK			
TITLE SHEET			
FROM: HILLSIDE DR. TO: 150' NE'LY OF HANDY CREEK			
DATE OF SURVEY: 9/19/95	BY: D. MINICH & CREW	SHEET NO.	
TOPOGRAPHIC MAPPING	BY: WAYNE WILEY	1	
OFFICE CHECK	BY: CRAIG WEHRMAN	of	
FIELD CHECK	BY: TIM SANDEFER	5	
SCALE: NONE	W.O. *ER02786	FILE: HANDYADD.TLT	
MARK	DATE	ITEM	REVISIONS

BASIS of BEARINGS
THE BASIS OF BEARINGS HEREON IS THE GRID INVERSE BETWEEN
OCS GPS STATIONS #3224 AND #3222 , BEING N40° 02' 06" E .

BASIS of STATIONING
MEADS AVE.: 16+43 BEING THE CENTERLINE INTERSECTION WITH
HANDY CREEK.
HANDY CREEK: 5+00 BEING THE CENTERLINE INTERSECTION WITH
MEADS AVE.
PER AS-BUILT OCMA CONSTRUCTION PLANS, "MEADS AVE. BRIDGE
ACROSS HANDY CREEK CHANNEL (E08S06)", DRAWER 12, #15007.

HORIZONTAL DATUM
COORDINATES ARE BASED ON THE CALIFORNIA COORDINATE
SYSTEM, (CCS83) ZONE VI, 1983 NORTH AMERICAN DATUM,
(1991.35 EPOCH O.C.S. G.P.S. ADJUSTMENT).
DISTANCES SHOWN ARE GROUND. MULTIPLY GROUND DISTANCES
BY 0.99997021 TO OBTAIN GRID DISTANCES.

VERTICAL DATUM
O.C.S. BM. #3L-54-92 ELEV. = 448.975
NGVD 1929 (1976 O.C.S. ADJUSTMENT)

NOTES
THE BEARINGS AND DISTANCES SHOWN HEREON ARE TO BE USED
FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND ARE NOT INTENDED
FOR LAND ACQUISITION OR BOUNDARY PURPOSES.

MONUMENT NOTES
▲ = FD. O.C.S. HORIZONTAL CONTROL STATION, ON FILE IN THE
ORANGE COUNTY SURVEYOR'S OFFICE, GEODETIC SECTION.
● = FD. MONUMENT, AS NOTED.

MEAS. & (RECORD
PER P.M. 80/35)

(A) D= 37°59'07"
R= 500.00'
L= 331.48'
T= 172.09'

MEAS. (RECORD PER
P.M. 80/35)

(B) D= 58°59'47"
R= 150.00'
L= 154.45'
T= 84.86'

MEAS. (RECORD PER O.C.E.M.A.
CONSTRUCTION PLANS (4))

(C) D= 35°54'33"
R= 200.00'
L= 125.35'
T= 64.81'

(D) D= 12°58'29"
R= 200.00'
L= 45.29'

(E) D= 22°56'04"
R= 200.00'
L= 80.06'

(PRO-RATED CURVE ARC
LENGTHS TO INTERSECTION
WITH HANDY CREEK PER
O.C.E.M.A. CONSTRUCTION
PLANS (4))

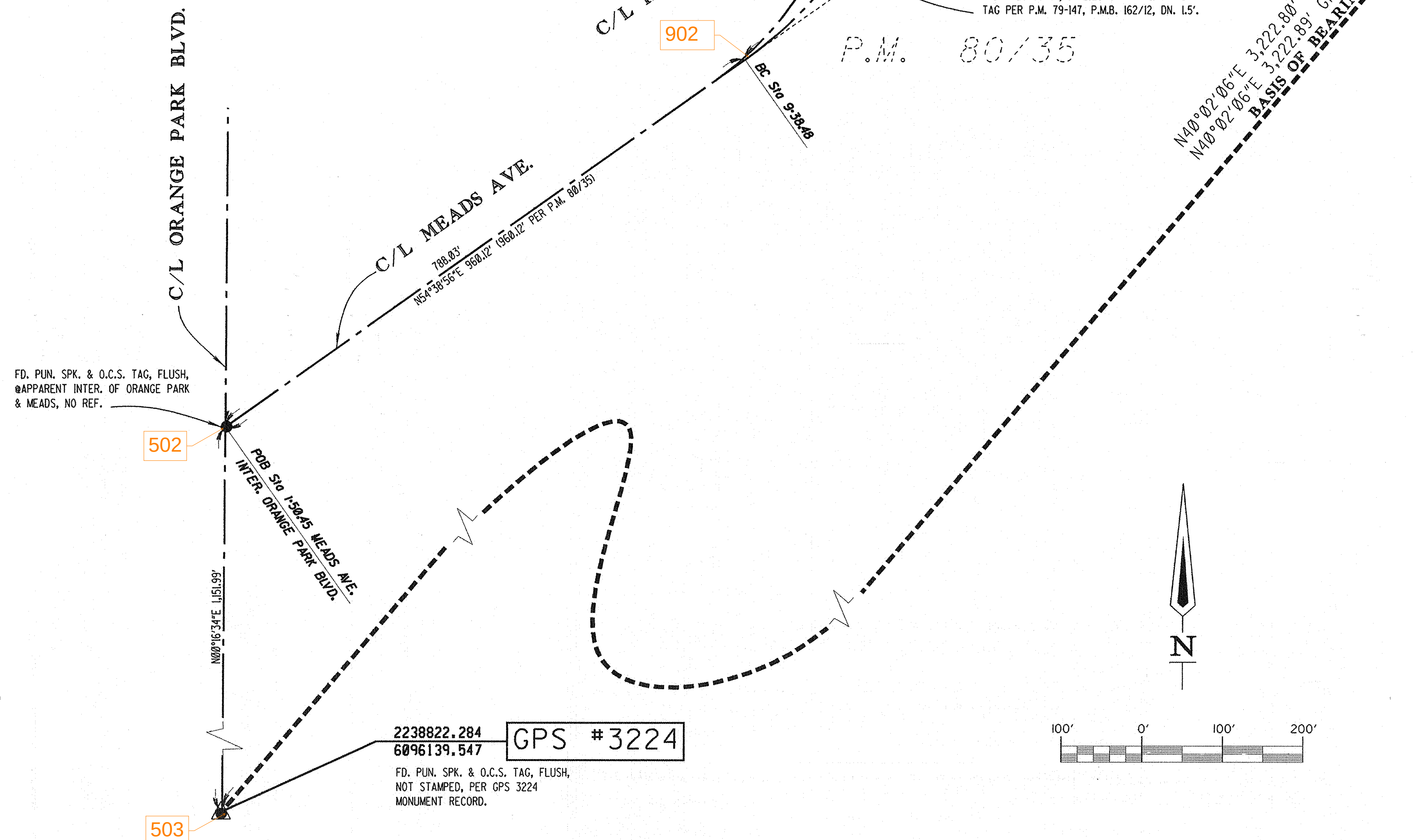
MEAS.

(F) D= 48°13'01"
R= 300.00'
L= 252.46'
T= 134.25'

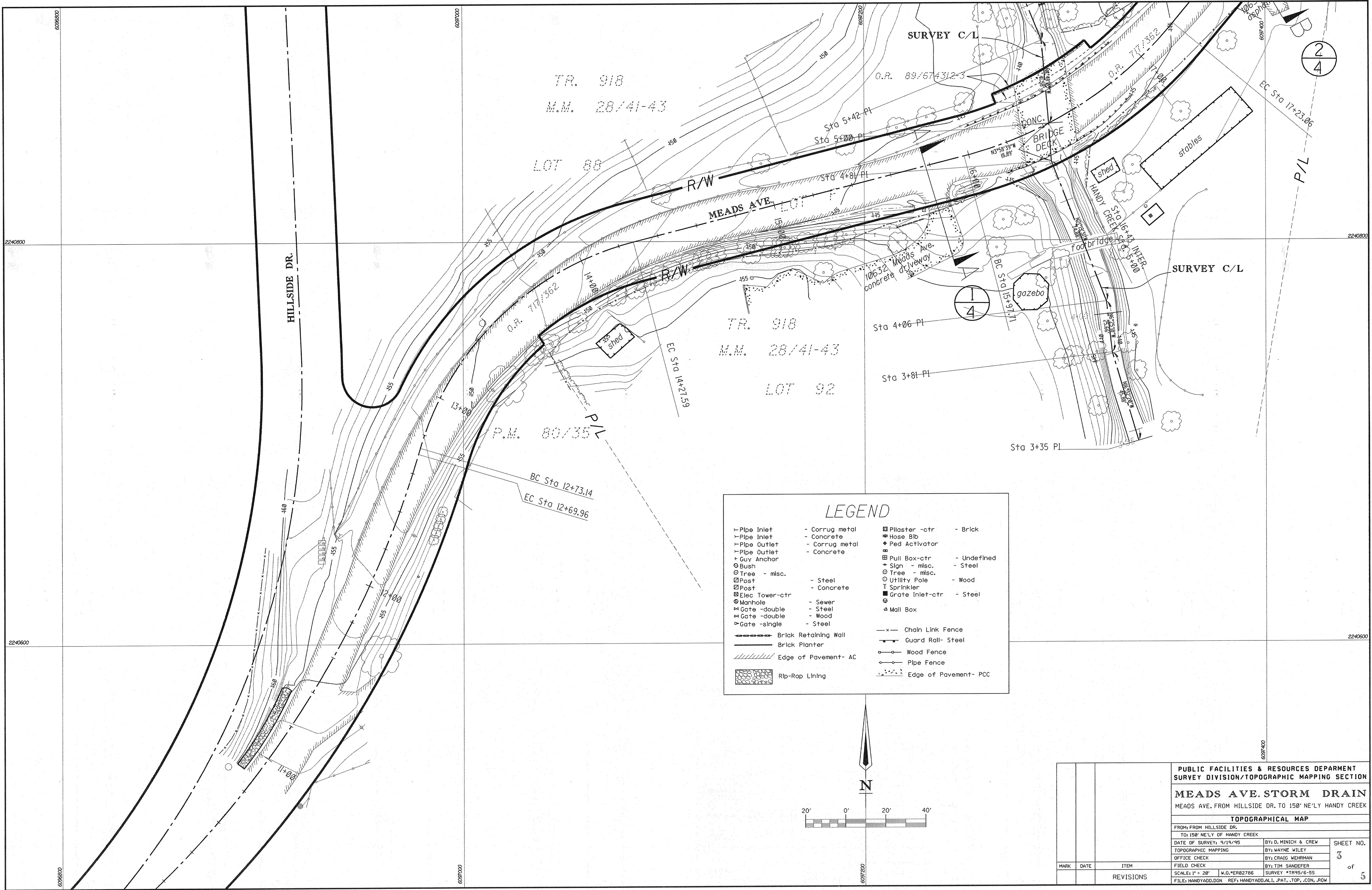
(RECORD PER TR 7238,
M.M. 340/37-38)

D= 48°12'35"
R= 300.00'
L= 252.43'

- 1 HELD P.I. AND TURNED RECORD ANGLE
PER P.M. 80/35, AND TRAVERSED REC.
DIST. PER SAME TO NEXT P.I.
- 2 HELD P.I. ESTAB. PER 1 AND MON. AT EC OF
SAME CURVE FOR LINE AND TRAVERSED REC.
DISTANCE PER P.M. 80/35 TO ESTABLISH
P.I.
- 3 HELD P.I. ESTAB. PER 2 AND MON AT BC OF
MOST N'LY CURVE ON MEADS AVE. FOR LINE
AND TRAVERSED REC. DISTANCE PER TR.
7238 TO ESTABLISH P.I. OF MOST N'LY CURVE.
- 4 AS-BUILT OCMA CONSTRUCTION
PLANS, "MEADS AVE. BRIDGE ACROSS
HANDY CREEK CHANNEL (E08S06)",
DRAWER 12, #15007.



		PUBLIC FACILITIES & RESOURCES DEPARTMENT SURVEY DIVISION/TOPOGRAPHIC MAPPING SECTION	
		MEADS AVE. STORM DRAIN	
		MEADS AVE. FROM HILLSIDE DR. TO 150' NE'LY HANDY CREEK	
		SURVEY CONTROL SCHEMATIC	
		FROM: HILLSIDE DR.	
		TO: 150' NE'LY OF HANDY CREEK	
		DATE OF SURVEY: 9/19/95	BY: D. MINICH & CREW
		TOPOGRAPHIC MAPPING	BY: WAYNE WILEY
		OFFICE CHECK	BY: CRAIG WEHRMAN
		FIELD CHECK	BY: TIM SANDEPER
		SCALE: 1"=100'	W.O. #ER02786
		FILE: HANDYADD.SCS	
MARK	DATE	ITEM	
		REVISIONS	



LEGEND

— Pipe Inlet	- Corrug metal	■ Pilaster -ctr	- Brick
— Pipe Inlet	- Concrete	● Hose Bib	
— Pipe Outlet	- Corrug metal	◆ Ped Activator	
— Pipe Outlet	- Concrete	■ Pull Box-ctr	- Undefined
+ Guy Anchor		◆ Sign - misc.	- Steel
○ Bush		○ Tree - misc.	
○ Tree - misc.		○ Utility Pole	- Wood
□ Post	- Steel	Y Sprinkler	
□ Post	- Concrete	■ Grate Inlet-ctr	- Steel
□ Elec Tower-ctr		○ Mail Box	
○ Manhole	- Sewer		
⊗ Gate -double	- Steel		
⊗ Gate -double	- Wood		
⊗ Gate -single	- Steel		
— Brick Retaining Wall		— x — Chain Link Fence	
— Brick Planter		— Guard Rail- Steel	
— Edge of Pavement- AC		— Wood Fence	
— Rip-Rap Lining		— Pipe Fence	
		— Edge of Pavement- PCC	

PUBLIC FACILITIES & RESOURCES DEPARMENT			
SURVEY DIVISION/TOPOGRAPHIC MAPPING SECTION			
MEADS AVE. STORM DRAIN			
MEADS AVE. FROM HILLSIDE DR. TO 150' NE'LY HANDY CREEK			
TOPOGRAPHICAL MAP			
FROM: FROM HILLSIDE DR.			
TO: 150' NE'LY OF HANDY CREEK			
DATE OF SURVEY: 9/19/95		BY: D. MINICH & CREW	SHEET NO.
TOPOGRAPHIC MAPPING		BY: WAYNE WILEY	
OFFICE CHECK		BY: CRAIG WEHRMAN	3
FIELD CHECK		BY: TIM SANDEFER	
SCALE: 1" = 20'		W.D. *ER02786	5
FILE: HANDYADD.DGN		SURVEY *TR95/6-55	
REF: HANDYADD.ALI, .PAT., .TOP., .CON., .ROW			
MARK	DATE	ITEM	
		REVISIONS	

DETAIL 

Profile view graph showing Elevation vs. STATION. The y-axis is labeled 'Elevation' with values 440 and 450. The x-axis is labeled 'STATION' with values 10+00, 20+00, 30+00, and 40+55. A solid line represents the profile, showing a slight dip between stations 20+00 and 30+00. A dashed line is at elevation 450.

DETAIL 

DETAIL 

sheet5.m(8639.svs4) temp1@svs4. Thu Apr 24 16:00:52 PDT 1997