Profile No. | Notes Red | Plotted | Job No. 0739.49 | Division No. 45 | F. B. 2465 | PG. 7
Date | Date | Survey of M.D.R. MAIN CHANNEL
X-Sec. No. | Notes Chk'd. | Checked | Survey by RICHARDS Notes WAR. Date 12-1-78
Date | Date | Map No. | Indexed T.M. PALMER Date

J.N. 0739.49
MARINA DEL REY
MAIN CHANNEL
HYDROGRAPHIC
SURVEY
(SHOALING AREA)
FROM 12+00 TO 24+50, INC.

CONTROL SURVEY REF. FB. 3456 PG. 196
ROD ELEVATION @ BASE OF ROCKS FB. 3456 PG. 289, 290

| STATION | B.S. | H.I. | F.S. | ELEV. |
|---|---|---|---|---|

Microfilmed Feb 86

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

74-L-256 CE 597 8-70

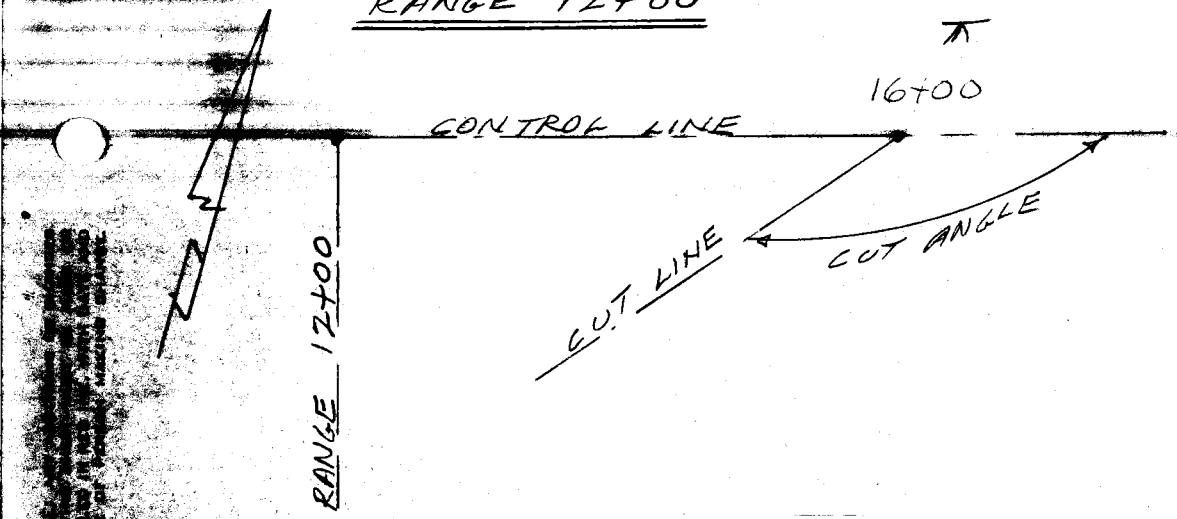
Profile No. ____ Notes Red. ____ Plotted ____ Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 9

X-Sec. No. ____ Date ____ Date ____ Survey of M.D.R. MAIN CHANNEL

Notes Chkd. ____ Checked ____ Survey by RICHARDS Notes A.G. Date 12-1-78

Date ____ Date ____ Map No. ____ Indexed T.M. PALMERI Date DEC 2 0 ...

RANGE 12+00




NOTE: ... CHANGES IN NOTES ... SHEET OF PROPER MAKING CHANGE.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend below this side of this line.

RANGE 12+00

| INST. AT | SIGHT | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE LINE DEG. | FOR OFFICE USE ONLY RANGE LINE MIN. | CARD Nº |
|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | |
| 16+00 | 30+00 | 10.31 | 1 | | | 137 | 44 | |
| | | | 2 | | | 144 | 38 | |
| | | | 3 | | | 152 | 14 | |
| | | | 4 | | | 157 | 15 | |
| | | | 5 | | | 162 | 00 | |
| | | | 6 | | | 167 | 27 | |
| | | | 7 | | | 171 | 18 | |
| | | 10.34 | 8 | | | 175 | 35 | |

F. B. 2965 PG. 10 | Job No. 8739.99 Division No. 45 Notes Red. Plotted Profile

Survey of M.D.R. MAIN CHANNEL Date Date No.

Survey by RICHARDS Notes — Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

| Inst. At Don't Punch | Sight On Don't Punch | Time Don't Punch | Angle No Don't Punch | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

765420A - CE 353A - Cdb 9-62

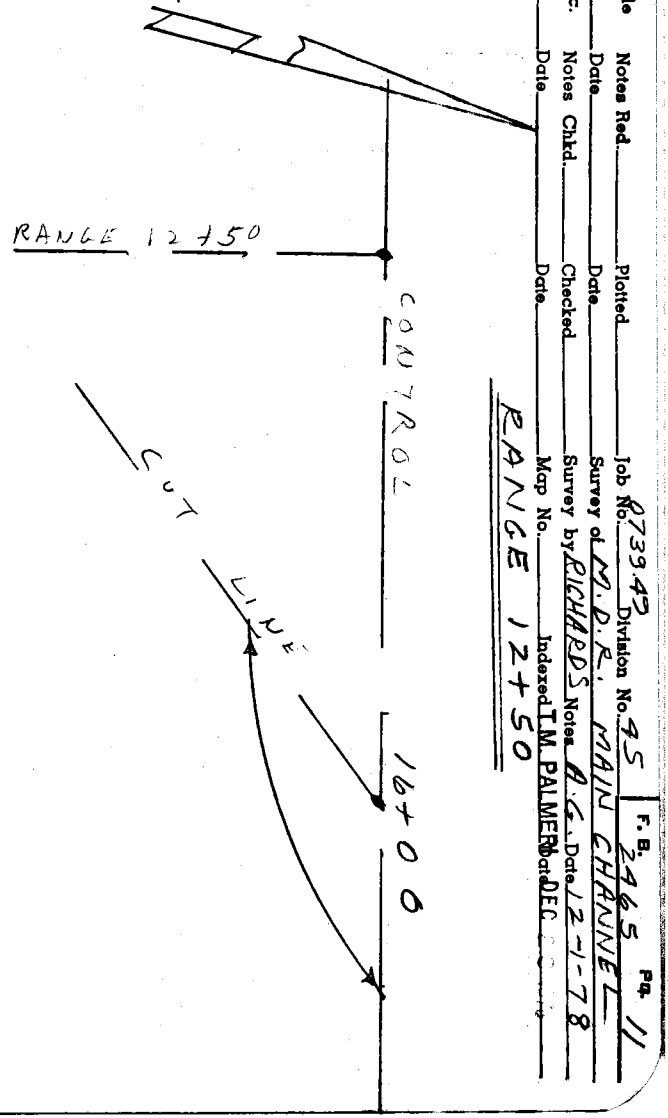
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 12+50

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Min. | Line | Card No |
|---|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | | |
| 16+00 | 30+00 | 10:37 | 1 | 136 | 08 | | | | |
| | | | 2 | 139 | 13 | | | | |
| | | | 3 | 143 | 46 | | | | |
| | | | 4 | 148 | 27 | | | | |
| | | | 5 | 153 | 11 | | | | |
| | | | 6 | 159 | 01 | | | | |
| | | | 7 | 162 | 54 | | | | |
| | | | 8 | 166 | 24 | | | | |
| | | | 9 | 169 | 25 | | | | |
| | | 10.40 | 10 | 171 | 56 | | | | |
| | | | 11 | | | | | | |




Profile Notes Rod. Plotted Job No. 8739.42 Division No. 75 F. B. 2465 Pg. 11
No. Date Date Survey of M.D.R. MAIN CHANNEL
X-Sec: Notes Chkd. Checked Survey by RICHARDS Notes A.G. Date 12-1-78
No. Date Date Map No. Indexed T.M. PALMER Date DEC

RANGE 12+50

F. B. 2465 Pg. 12 | Job No. 0739.49 Division No. 45 Notes Red. Plotted. Profile

Survey of M.D.R. MAIN CHANNEL Date Date No.

Survey by RICHARDS Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Deg. | Range Min. | Line | Card No. |
|---|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | | |

Do not extend notes this side of this line.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
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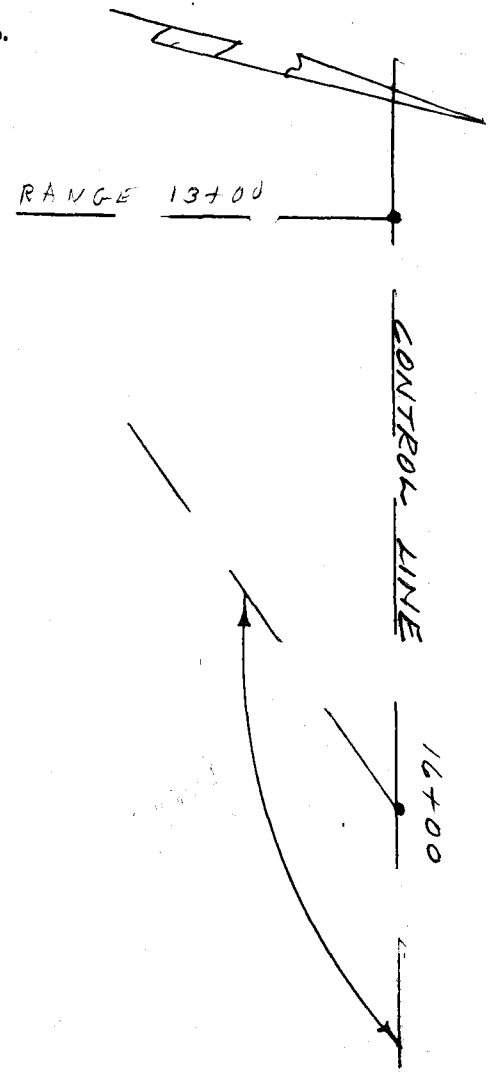
726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 13+00

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Line Min. | Card No |
|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | |
| 16+00 | 30+00 | 10.42 | 1 | 130 | 04 | | | |
| | | | 2 | 134 | 53 | | | |
| | | | 3 | 141 | 07 | | | |
| | | | 4 | 147 | 29 | | | |
| | | | 5 | 153 | 10 | | | |
| | | | 6 | 158 | 00 | | | |
| | | | 7 | 161 | 37 | | | |
| | | | 8 | 165 | 37 | | | |
| | | | 9 | 169 | 00 | | | |
| | | 10.45 | 10 | 171 | 58 | | | |




Profile Notes Red. Plotted. Job No. 0739.49 Division No. 46 F. B. 2465 Pg. 13
No. Date Date Survey of M.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A.G. Date 12-1-78
No. Date Date Map No. Indexed T.M. PALMER Date

RANGE 13+00

F. B. 2465 PG. 19 | Job No. R739.99 Division No. 95 Notes Red. Plotted Profile

Survey of M.D.R. MAIN CHANNEL Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

| Inst. At Don't Punch | Sight On Don't Punch | Time Don't Punch | Angle No Don't Punch | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Line Deg. | For Office Use Only Range Line Min. | For Office Use Only Card No. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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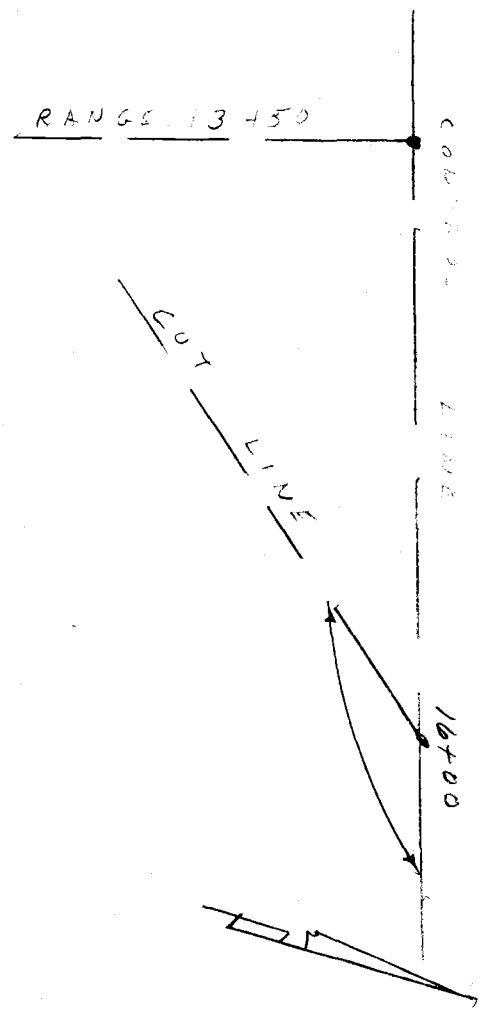
726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 13+50

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | RANGE MIN. | LINE | CARD Nº |
|---|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | | |
| 16+00 | 30+00 | 10.47 | 1 | 133 | 02 | | | | |
| | | | 2 | 137 | 17 | | | | |
| | | | 3 | 142 | 09 | | | | |
| | | | 4 | 147 | 06 | | | | |
| | | | 5 | 151 | 11 | | | | |
| | | | 6 | 156 | 49 | | | | |
| | | | 7 | 161 | 15 | | | | |
| | | | 8 | 164 | 52 | | | | |
| | | | 9 | 167 | 25 | | | | |
| | | 10.50 | 10 | 170 | 27 | | | | |




Profile Notes Red. Plotted Job No. 72949 Division No. 45 F. B. 2465 Pg. 15
No. Date Date Survey of M.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A. G. Date 12-1-78
No. Date Date Map No. Indexed T.M. PALMER Date DEC 28 1978

RANGE 13+50

F. B. 2465 PG. 16 Job No. 073949 Division No. 45 Notes Red. ______ Plotted ______ Profile

Survey of M.D.R. MAIN CHANNEL Date ______ Date ______ No. ______

Survey by RICHARDS Notes ______ Notes Chkd. ______ Checked ______ X-Sec.

Indexed ______ Date ______ Date ______ Date ______ No. ______

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle № (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | For Office Use Only: Range Line Min. | For Office Use Only: Card № |
|---|---|---|---|---|---|---|---|---|

Do not extend notes this side of this line.

PLEASE RETURN TO
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726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

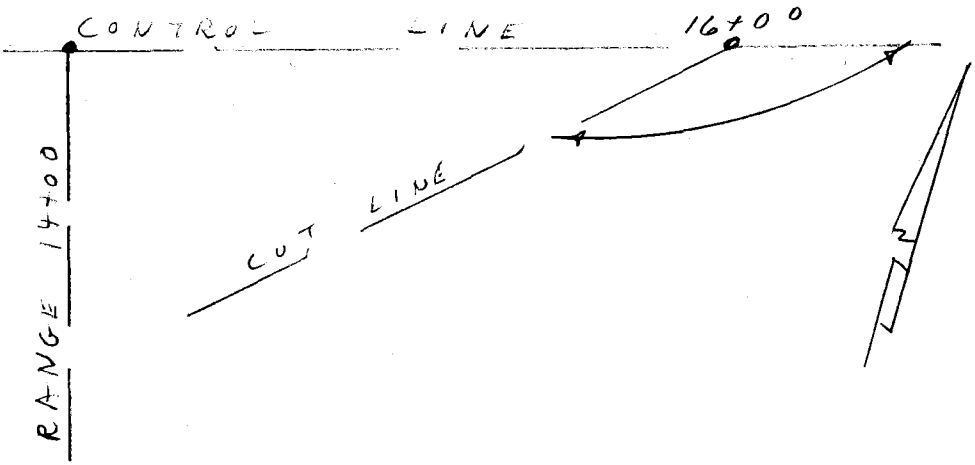
Profile No. _____ Notes Red. _____ Plotted _____ Job No. 0739.47 Division No. 45 F. B. 2465 Pg. 17

X-Sec. No. _____ Date _____ Date _____ Survey of M.D.R. MAIN CHANNEL

Notes Chkd. _____ Checked _____ Survey by RICHARDS Notes A.G. Date 12-1-78

Date _____ Date _____ Map No. _____ Indexed T.M. PALMER Date DEC 28 1978

RANGE 14+00




NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

RANGE 14+00

| INST. AT | SIGHT ON | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | LINE MIN. | CARD Nº |
|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | |
| 16+00 | 30+00 | 10.58 | 1 | 126 | 25 | | | |
| | | | 2 | 129 | 45 | | | |
| | | | 3 | 135 | 32 | | | |
| | | | 4 | 141 | 55 | | | |
| | | | 5 | 148 | 27 | | | |
| | | | 6 | 152 | 26 | | | |
| | | | 7 | 157 | 12 | | | |
| | | | 8 | 161 | 05 | | | |
| | | | 9 | 167 | 30 | | | |
| | | 11.02 | 10 | 169 | 59 | | | |
| | | | 11 | | | | | |

76S420A - CE 353A - Cdb 9-62

F. B. 2465 PG. 18 | Job No. 073949 Division No. 45 Notes Red. ____ Plotted ____ Profile No. ____

Survey of M.D.R. MAIN CHANNEL Date ____ Date ____ X-Sec.

Survey by RICHARDS Notes ____ Notes Chkd. ____ Checked ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle No. (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|

Do not extend notes this side of this line.

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726 Los Angeles County Engineering Bldg.

NOTE: Any additions or changes on this sheet must be made or circled in red ink, with date and name of person making change.

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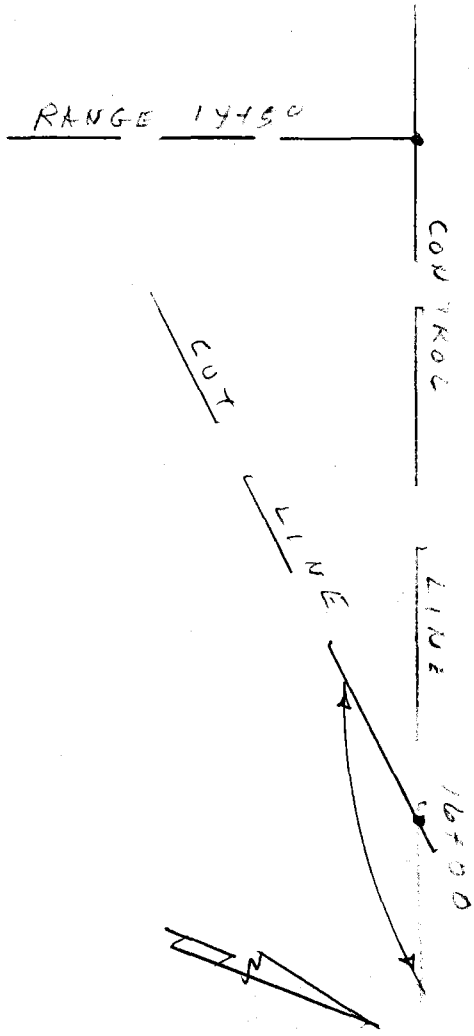
726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 14450

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Min. | Line | Card No |
|---|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | | |
| 16+00 | 30+00 | 11.03 | 1 | 122 | 21 | | | | |
| | | | 2 | 125 | 58 | | | | |
| | | | 3 | 129 | 45 | | | | |
| | | | 4 | 134 | 41 | | | | |
| | | | 5 | 138 | 47 | | | | |
| | | | 6 | 143 | 37 | | | | |
| | | | 7 | 148 | 57 | | | | |
| | | | 8 | 153 | 21 | | | | |
| | | | 9 | 158 | 57 | | | | |
| | | 11.06 | 10 | 167 | 17 | | | | |




Profile Notes Red. Plotted. Job No. 9739.42 Division No. 45 | F. B. 2465 Pg. 19
No. Date Date Survey of M.D.R. MAINCHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A.G. Date 12-1-78
No. Date Date Map No. Indexed T.M.B. Date DEC 28 1978
RANGE 14450

F. B. 2465 PG. 20 | Job No. 9739.49 Division No. 45 Notes Red. Plotted Profile

Survey of M.D.R. MAIN CHANNEL Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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726 Los Angeles County Engineering Bldg.

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**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Deg. | Range Min. | Line | Card No. |
|---|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | | |

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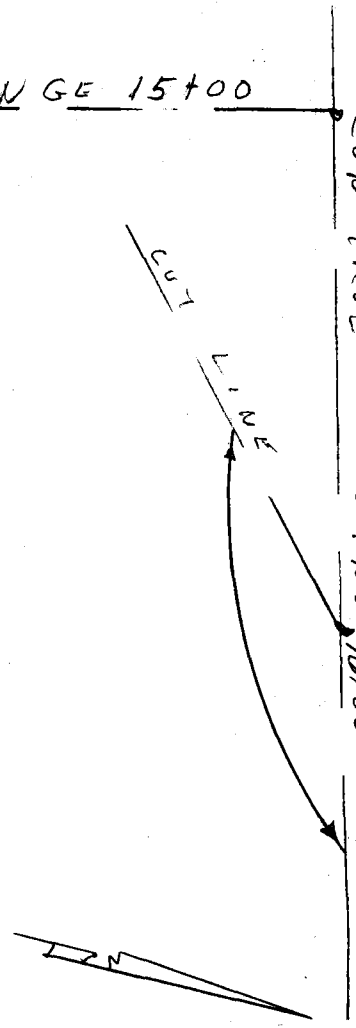
726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 15+00

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Line Min. | Card No |
|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | |
| 16+00 | 30+00 | 11 08 | 1 | 109 | 35 | | | |
| | | | 2 | 113 | 13 | | | |
| | | | 3 | 117 | 21 | | | |
| | | | 4 | 120 | 48 | | | |
| | | | 5 | 124 | 32 | | | |
| | | | 6 | 128 | 41 | | | |
| | | | 7 | 133 | 57 | | | |
| | | | 8 | 139 | 46 | | | |
| | | | 9 | 148 | 07 | | | |
| | | | 10 | 156 | 02 | | | |
| | | 11,11 | 11 | 161 | 44 | | | |
| | | | 12 | | | | | |
| | | | 13 | | | | | |
| | | | 14 | | | | | |




Profile Notes Red. Plotted Job No. 2739.49 Division No. 45 F. B. 2465 Pg. 21
No. Date Date Survey of C.L.R. ROBIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A.G. Date 12-1-78
No. Date Date Map No. Indexed T.M.F. Date
RANGE 15+00

F. B. 2465 PG. 22 | Job No. 0739.49 Division No. 95 Notes Red. Plotted Profile

Survey of M.D.R. MAIN CHANNEL Date Date No.

Survey by RICHARDS Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle No (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Deg. | Range Min. | Line | Card No. |
|---|---|---|---|---|---|---|---|---|---|
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Do not extend notes this side of this line.

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726 Los Angeles County Engineering Bldg.

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PLEASE RETURN TO
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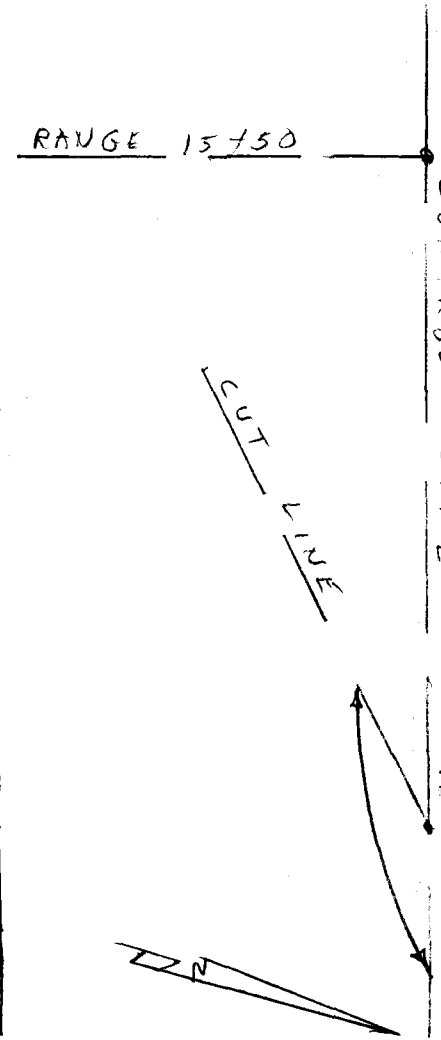
726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 15+50

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Min. | Line | Card No |
|---|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | | |
| 19+00 | 30+00 | 11.20 | 1 | 135 | 29 | | | | |
| | | | 2 | 138 | 29 | | | | |
| | | | 3 | 142 | 12 | | | | |
| | | | 4 | 145 | 04 | | | | |
| | | | 5 | 148 | 31 | | | | |
| | | | 6 | 151 | 53 | | | | |
| | | | 7 | 153 | 45 | | | | |
| | | | 8 | 156 | 17 | | | | |
| | | | 9 | 159 | 21 | | | | |
| | | | 10 | 161 | 56 | | | | |
| | | | 11 | 165 | 23 | | | | |
| | | | 12 | 168 | 27 | | | | |
| | | | 13 | 170 | 52 | | | | |
| | | | 14 | 172 | 44 | | | | |
| | | 11.24 | 15 | 174 | 03 | | | | |




Profile Notes Red. Plotted. Job No. 7239.49 Division No. 4.5 F. B. 2465 Pg. 23
No. Date Date Survey of M.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Noted A.G. Date 12-1-78
No. Date Date Map No. Indexed T.M. PALMER Date
RANGE 15+50

F. B. 2465 PG. 24 Job No. 0739.49 Division No. 45 Notes Red. ______ Plotted ______ Profile No. ______

Survey of M.D.R. MAIN CHANNEL ______ Date ______ Date ______

Survey by ______ Notes ______ Notes Chkd. ______ Checked ______ X-Sec.

Indexed ______ Date ______ Date ______ Date ______ No. ______

| INST. AT (DON'T PUNCH) | SIGHT ON (DON'T PUNCH) | TIME (DON'T PUNCH) | ANGLE Nº (DON'T PUNCH) | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE LINE DEG. | FOR OFFICE USE ONLY RANGE LINE MIN. | FOR OFFICE USE ONLY CARD Nº |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**Do not extend notes this side of this line.**

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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76S420A - CE 353A - Cdb 9-62

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LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

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RAN SE 16+00

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | RANGE LINE MIN. | CARD Nº |
|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | |
| 19+00 | 30+00 | 11.25 | 1 | 129 | 43 | | | |
| | | | 2 | 134 | 06 | | | |
| | | | 3 | 138 | 06 | | | |
| | | | 4 | 142 | 11 | | | |
| | | | 5 | 145 | 34 | | | |
| | | | 6 | 150 | 12 | | | |
| | | | 7 | 154 | 34 | | | |
| | | | 8 | 158 | 31 | | | |
| | | | 9 | 161 | 18 | | | |
| | | | 10 | 164 | 53 | | | |
| | | | 11 | 168 | 11 | | | |
| | | 11.28 | 12 | 170 | 42 | | | |
| | | | 13 | | | | | |

RANGE 16+00

CONTROL LINE

CUT LINE

19+00

Profile Notes Red. Plotted Job No. R739.49 Division No. A5 F. B. 2465 Pg. 25

No. Date Date Survey of M.D.E. MAIN CHANNEL

X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A.G. Date 12-1-78

No. Date Date Map No. Indexed T.M. PALMER Date

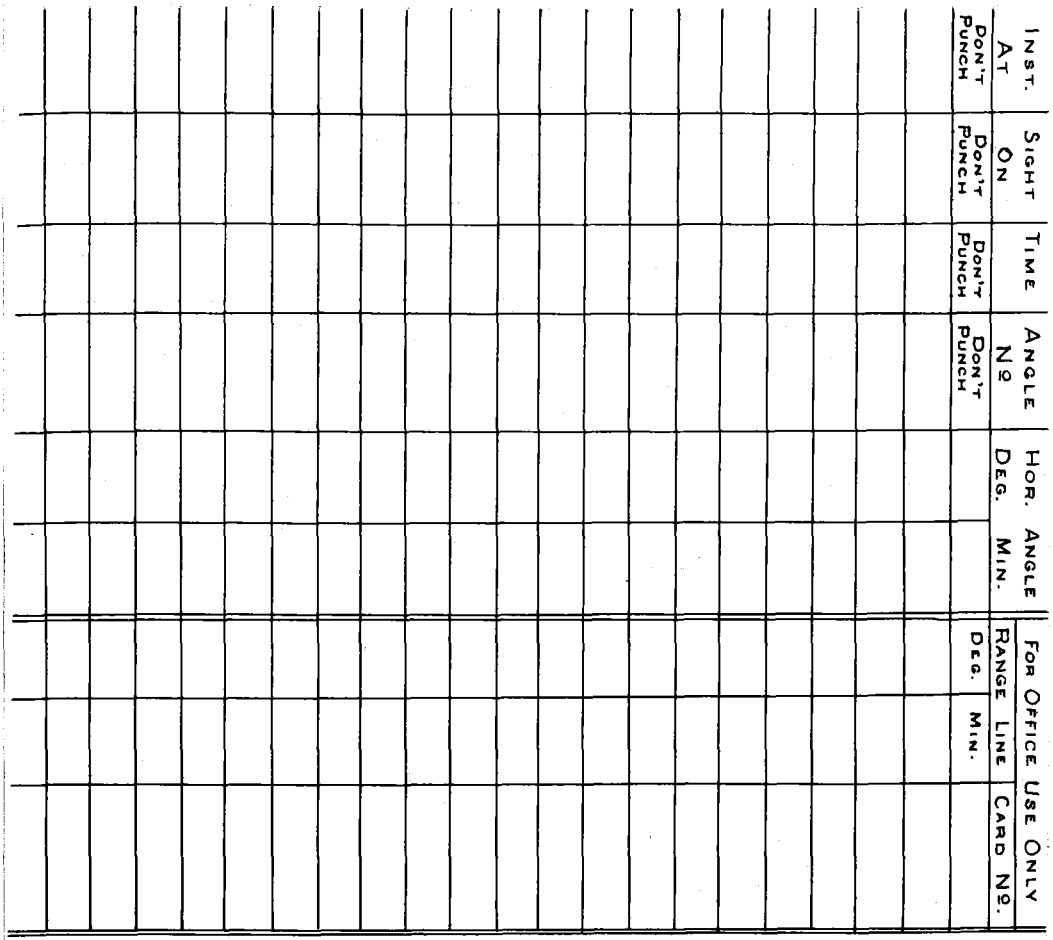
RANGE 16+00

F. B. 2465 PG. 26 | Job No. 0739.49 Division No. 45 Notes Red. Plotted Profile

Survey of M.O.R. MAIN CHANNEL Date Date No.

Survey by RICHARDS Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.




**Do not extend notes this side of this line.**

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 16+50

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | RANGE MIN. | CARD Nº |
|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | |
| 19+00 | 30+00 | 11,31 | 1 | 130 | 41 | | | |
| | | | 2 | 135 | 13 | | | |
| | | | 3 | 138 | 00 | | | |
| | | | 4 | 141 | 35 | | | |
| | | | 5 | 146 | 21 | | | |
| | | | 6 | 150 | 48 | | | |
| | | | 7 | 155 | 43 | | | |
| | | | 8 | 159 | 13 | | | |
| | | | 9 | 162 | 50 | | | |
| | | | 10 | 166 | 11 | | | |
| | | 11.34 | 11 | 169 | 35 | | | |
| | | | 12 | | | | | |

RANGE 16+50

CONTROL LINE 19+00

Profile Notes Red. Plotted Job No. 8739.49 Division No. 45 F. B. 2465 Pg. 27
No. Date Survey of M.O.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A & S Date 12-7-78
No. Date Date Map No. Indexed T.M. PALMER Date DEC 5 1978
RANGE 16+50

F. B. 2465 PG. 28 | Job No.______ Division No.______ Notes Red.______ Plotted______ | Profile

Survey of______ Date______ Date______ No.______

Survey by______ Notes______ Notes Chkd.______ Checked______ X-Sec.

Indexed______ Date______ Date______ Date______ No.______

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle № (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | For Office Use Only: Range Line Min. | For Office Use Only: Card № |
|---|---|---|---|---|---|---|---|---|

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

**Do not extend notes this side of this line.**

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

765420A - CE 353A - Cdb 9-62

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726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 17+00

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range | Line | Card No |
|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | Deg. | Min. | |
| 19+00 | 30+00 | 11.36 | 1 | 120 | 03 | | | |
| | | | 2 | 123 | 02 | | | |
| | | | 3 | 125 | 40 | | | |
| | | | 4 | 129 | 03 | | | |
| | | | 5 | 133 | 05 | | | |
| | | | 6 | 137 | 36 | | | |
| | | | 7 | 142 | 53 | | | |
| | | | 8 | 148 | 07 | | | |
| | | | 9 | 152 | 26 | | | |
| | | | 10 | 155 | 28 | | | |
| | | | 11 | 160 | 02 | | | |
| | | | 12 | 164 | 56 | | | |
| | | 11.38 | 13 | 168 | 11 | | | |
| | | | 14 | | | | | |

RANGE 17+00

CONTROL LINE 19+00

CUT LINE

Profile Notes Red. Plotted Job No. 9739-49 Division No. 45 F.B. 2465 Pg. 29
No. Date Date Survey of M.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A.G. Date 12-1-78
No. Date Date Map No. Indexed T.M. PAT. Date
RANGE 17+00

F. B. 2465 PG. 30

Job No. Division No. Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| INST. AT (DON'T PUNCH) | SIGHT ON (DON'T PUNCH) | TIME (DON'T PUNCH) | ANGLE Nº (DON'T PUNCH) | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY: RANGE LINE DEG. | RANGE LINE MIN. | CARD Nº |
|---|---|---|---|---|---|---|---|---|

765420A - CE 353A - Cdb 9-62

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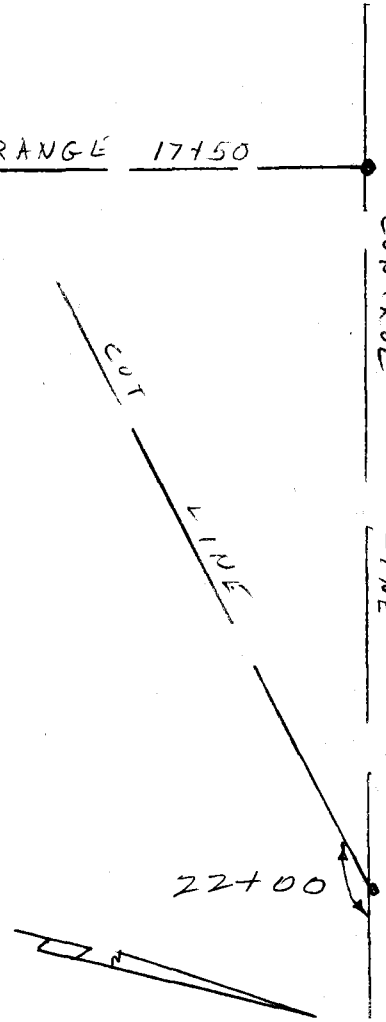
726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 17450

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle Nº | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Line Min. | Card Nº |
|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | |
| 22700 | 30700 | 10.45 | 1 | 136 | 03 | | | |
| | | | 2 | 138 | 21 | | | |
| | | | 3 | 141 | 26 | | | |
| | | | 4 | 146 | 14 | | | |
| | | | 5 | 151 | 46 | | | |
| | | | 6 | 156 | 34 | | | |
| | | | 7 | 159 | 12 | | | |
| | | | 8 | 163 | 56 | | | |
| | | | 9 | 168 | 33 | | | |
| | | | 10 | 170 | 32 | | | |
| | | 10.48 | 11 | 173 | 59 | | | |
| | | | 12 | | | | | |
| | | | 13 | | | | | |
| | | | 14 | | | | | |




Profile Notes Red. Plotted Job No. 0739.99 Division No. 45 F. B. 246 S. Pg. 31
No. Date Date Survey of M.D.E. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A. 6. Date 12-4-78
No. Date Date Map No. Indexed T.M. PALMER Date
RANGE 17450

F. B. 2465 PG. 32

Job No.____ Division No.____ Notes Red.____ Plotted____ Profile

Survey of____ Date____ Date____ No.____

Survey by____ Notes____ Notes Chkd.____ Checked____ X-Sec.

Indexed____ Date____ Date____ Date____ No.____

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle No. (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only — Range Line Deg. | Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

Do not extend notes this side of this line.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

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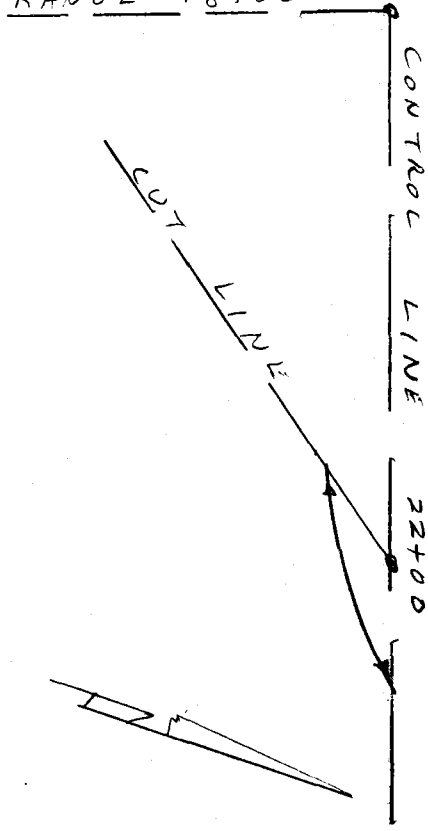
RANGE 18+00

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE LINE DEG. | RANGE LINE MIN. | CARD Nº |
|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | |
| 22+00 | 30+00 | 1049 | 1 | 137 | 58 | | | |
| | | | 2 | 142 | 15 | | | |
| | | | 3 | 145 | 23 | | | |
| | | | 4 | 149 | 36 | | | |
| | | | 5 | 154 | 15 | | | |
| | | | 6 | 160 | 55 | | | |
| | | | 7 | 170 | 38 | | | |
| | | 10.52 | 8 | 173 | 08 | | | |
| | | | 9 | | | | | |




Profile Notes Red. Plotted Job No. 073949 Division No. 45 F. B. 2465 Pg. 33
No. Date Date Survey of M.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Noted A.G. Date 12-4-78
No. Date Date Map No. Indexed T.M. F. Date
RANGE 18+00

F. B. 2465 PG. 34 Job No. 0739.49 Division No. 45 Notes Red. ______ Plotted ______ Profile

Survey of M.D.R. MAIN CHANNEL ______ Date ______ Date ______ No. ______

Survey by RICHARDS ______ Notes ______ Notes Chkd. ______ Checked ______ X-Sec.

Indexed ______ Date ______ Date ______ Date ______ No. ______

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle No (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | For Office Use Only: Range Line Min. | For Office Use Only: Card No |
|---|---|---|---|---|---|---|---|---|

Do not extend notes this side of this line.

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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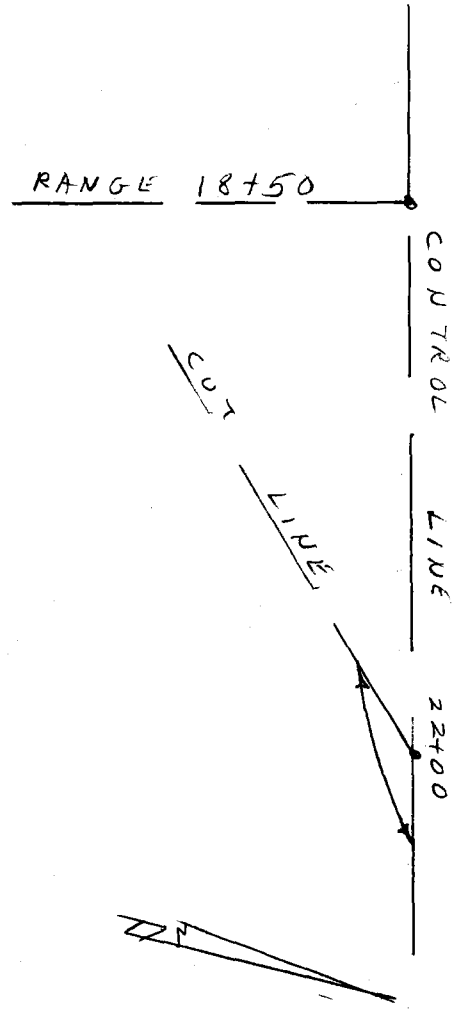
726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 18+50

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | RANGE MIN. | LINE | CARD Nº |
|---|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | | |
| 22400 | 30400 | 1054 | 1 | 131 | 47 | | | | |
| | | | 2 | 136 | 34 | | | | |
| | | | 3 | 140 | 48 | | | | |
| | | | 4 | 146 | 41 | | | | |
| | | | 5 | 151 | 45 | | | | |
| | | | 6 | 156 | 39 | | | | |
| | | | 7 | 162 | 29 | | | | |
| | | | 8 | 167 | 11 | | | | |
| | | | 9 | 171 | 13 | | | | |
| | | 1057 | 10 | 173 | 01 | | | | |
| | | | 11 | | | | | | |




Profile Notes Red. Plotted Job No. 0739-99 Division No. 45 F. B. 2465 Pg. 35
No. Date Date Survey of M.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A. G. Date 12-4-78
No. Date Date Map No. Indexed T.M. Date
RANGE 18+50

F. B. 2465 Pg. 36 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

Survey by | Notes | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

PLEASE RETURN TO

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726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| Inst. At Don't Punch | Sight On Don't Punch | Time Don't Punch | Angle No Don't Punch | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | For Office Use Only Line Min. | For Office Use Only Card No. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

765420A - CE 353A - Cdb 9-62

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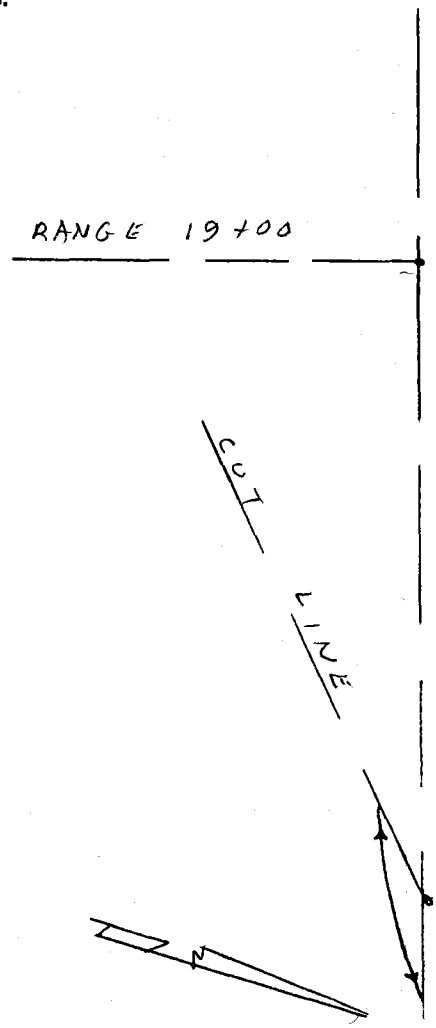
726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 19+00

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE NO | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | RANGE LINE MIN. | CARD NO |
|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | |
| 22+00 | 30+00 | 11.06 | 1 | 123 | 34 | | | |
| | | | 2 | 127 | 38 | | | |
| | | | 3 | 132 | 21 | | | |
| | | | 4 | 135 | 55 | | | |
| | | | 5 | 139 | 45 | | | |
| | | | 6 | 143 | 30 | | | |
| | | | 7 | 147 | 14 | | | |
| | | | 8 | 151 | 49 | | | |
| | | | 9 | 153 | 40 | | | |
| | | | 10 | 157 | 50 | | | |
| | | | 11 | 160 | 58 | | | |
| | | | 12 | 163 | 10 | | | |
| | | | 13 | 166 | 15 | | | |
| | | | 14 | 169 | 46 | | | |
| | | 11.10 | 15 | 172 | 00 | | | |




Profile Notes Red. Plotted Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 37
No. Date Date Survey of M.D.R. "BAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A.G. Date 12-4-78
No. Date Date Map No. Indexed T.M. PALMER Date
RANGE 19+00

F. B. 2465 PG. 38 | Job No.____ Division No.____ Notes Red.____ Plotted____ Profile No.____

Survey of____ Date____ Date____

Survey by____ Notes____ Notes Chkd.____ Checked____ X-Sec.

Indexed____ Date____ Date____ Date____ No.____

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle No. (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

Do not extend notes this side of this line.

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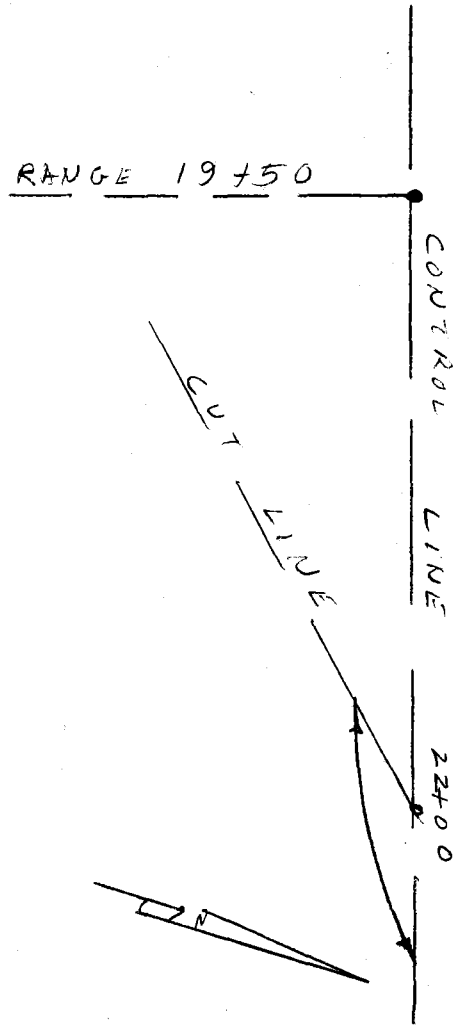
726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 19+50

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Line Min. | Card No |
|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | |
| 22+00 | 30+00 | 11.18 | 1 | 122 | 24 | | | |
| | | | 2 | 124 | 48 | | | |
| | | | 3 | 126 | 45 | | | |
| | | | 4 | 128 | 59 | | | |
| | | | 5 | 133 | 37 | | | |
| | | | 6 | 137 | 40 | | | |
| | | | 7 | 143 | 30 | | | |
| | | | 8 | 148 | 19 | | | |
| | | | 9 | 154 | 05 | | | |
| | | | 10 | 159 | 44 | | | |
| | | | 11 | 164 | 31 | | | |
| | | 11.21 | 12 | 168 | 35 | | | |
| | | | 13 | | | | | |




Profile Notes Red. Plotted Job No. 8739.49 Division No. 45 F. B. 2465 Pg. 39
No. Date Date Survey at M.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A. G. Date 12-4-78
No. Date Date Map No. Indexed T.M. PALMER Date
RANGE 19+50

F. B. 2965 PG. 40 | Job No. 0739.49 Division No. 45 Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | |

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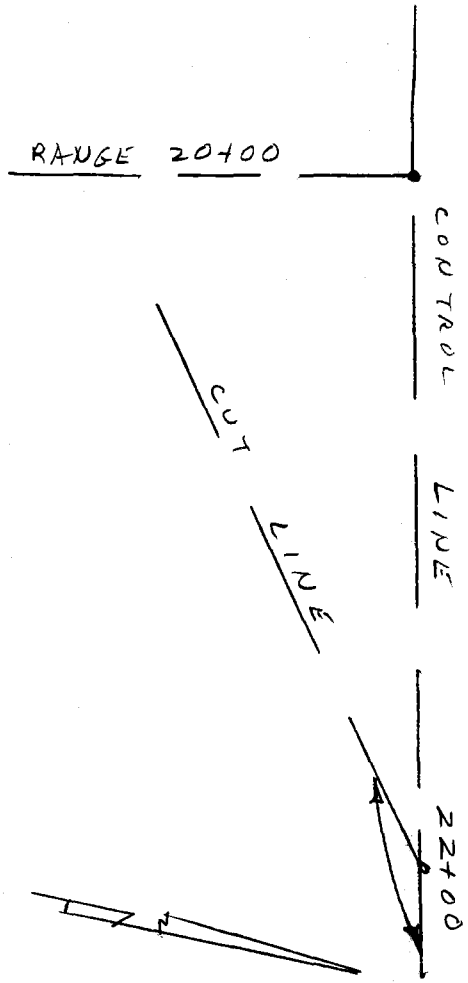
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 20+00

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Min. | Line | Card No |
|---|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | | |
| 22+00 | 30+00 | 11.23 | 1 | 115 | 58 | | | | |
| | | | 2 | 118 | 25 | | | | |
| | | | 3 | 119 | 37 | | | | |
| | | | 4 | 121 | 05 | | | | |
| | | | 5 | 123 | 44 | | | | |
| | | | 6 | 128 | 11 | | | | |
| | | | 7 | 132 | 25 | | | | |
| | | | 8 | 137 | 01 | | | | |
| | | | 9 | 143 | 50 | | | | |
| | | | 10 | 150 | 41 | | | | |
| | | | 11 | 155 | 04 | | | | |
| | | | 12 | 160 | 20 | | | | |
| | | | 13 | 164 | 57 | | | | |
| | | 11.27 | 14 | 168 | 11 | | | | |




Profile Notes Red. Plotted. Job No. 7739.49 Division No. 45 F. B. 2465 Pg. 41
No. Date Date Survey of L.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A.G. Date 12-4-78
No. Date Date Map No. Indexed P.M. Date DEC 28 1978

RANGE 20400

F. B. 2465 PG. 42 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

Survey by | Notes | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

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**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | |

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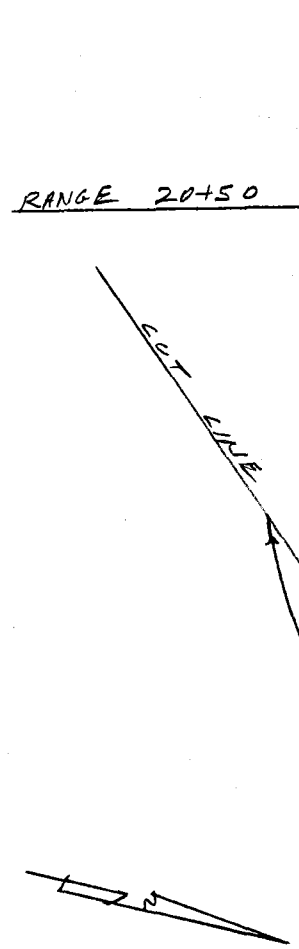
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 20+50

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE NO | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | RANGE MIN. | CARD NO |
|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | |
| 22+00 | 30+00 | 11.31 | 1 | 115 | 14 | | | |
| | | | 2 | 119 | 50 | | | |
| | | | 3 | 131 | 20 | | | |
| | | | 4 | 136 | 24 | | | |
| | | | 5 | 143 | 08 | | | |
| | | 11.33 | 6 | 151 | 16 | | | |
| | | | 7 | | | | | |
| | | | 8 | | | | | |




Profile Notes Red. Plotted Job No. 8739.49 Division No. 45 F. B. 2465 Pg. 43
No. Date Date Survey of M.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A.G. Date 12-4-78
No. Date Date Map No. Indexed T.M. P. Date DEC 28 1978

RANGE 20+50

F. B. 2465 PG. 44

Job No. ______ Division No. ______ Notes Red. ______ Plotted ______ Profile No. ______

Survey of ______ Date ______ Date ______

Survey by ______ Notes ______ Notes Chkd. ______ Checked ______ X-Sec. No. ______

Indexed ______ Date ______ Date ______ Date ______

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle No. (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|

Do not extend notes this side of this line.

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726 Los Angeles County Engineering Bldg.

NOTE: Any additions or changes on this sheet must be made or circled in red ink, with date and name of person making change.

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726 Los Angeles County Engineering Bldg.

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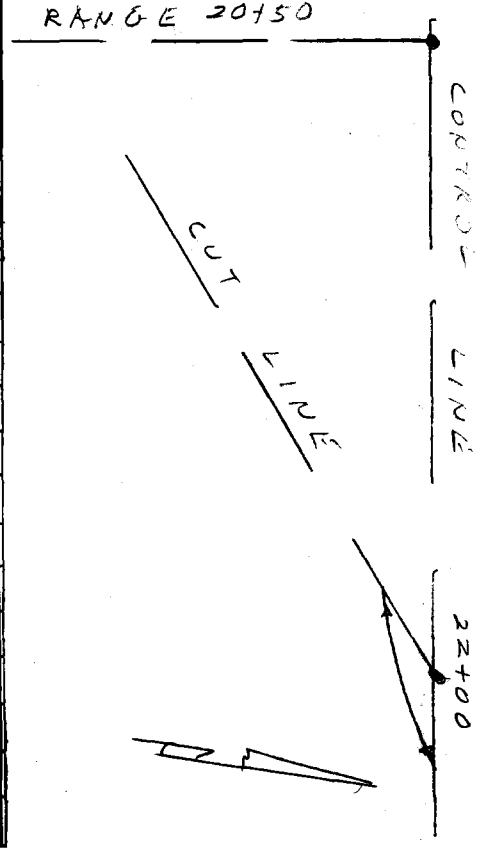
RANGE 20+50

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Line Min. | Card No |
|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | |
| 22+00 | 30+00 | 11.37 | 1 | 112 | 36 | | | |
| | | | 2 | 115 | 06 | | | |
| | | | 3 | 119 | 44 | | | |
| | | | 4 | 124 | 18 | | | |
| | | | 5 | 128 | 18 | | | |
| | | | 6 | 134 | 30 | | | |
| | | | 7 | 141 | 20 | | | |
| | | | 8 | 149 | 52 | | | |
| | | | 9 | 154 | 59 | | | |
| | | | 10 | 158 | 47 | | | |
| | | 11.39 | 11 | 162 | 52 | | | |




Profile Notes Red. Plotted. Job No. 7739.49 Division No. 45 F. B. 2465 Pg. 45
No. Date Date Survey of M.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked. Survey by RICHARDS Notes A.B. Date 12-4-78
No. Date Date Map No. Indexed T.M. PALMER Date
RANGE 20+50

F. B. 2465 PG. 46

| | | | | |
|---|---|---|---|---|
| Job No. 0739.49 | Division No. 45 | Notes Red. | Plotted | Profile |
| Survey of M.D.R. MAIN CHANNEL | | Date | Date | No. |
| Survey by RICHARDS | Notes | Notes Chkd. | Checked | X-Sec. |
| Indexed | Date | Date | Date | No. |

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle No. (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

**Do not extend notes this side of this line.**

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
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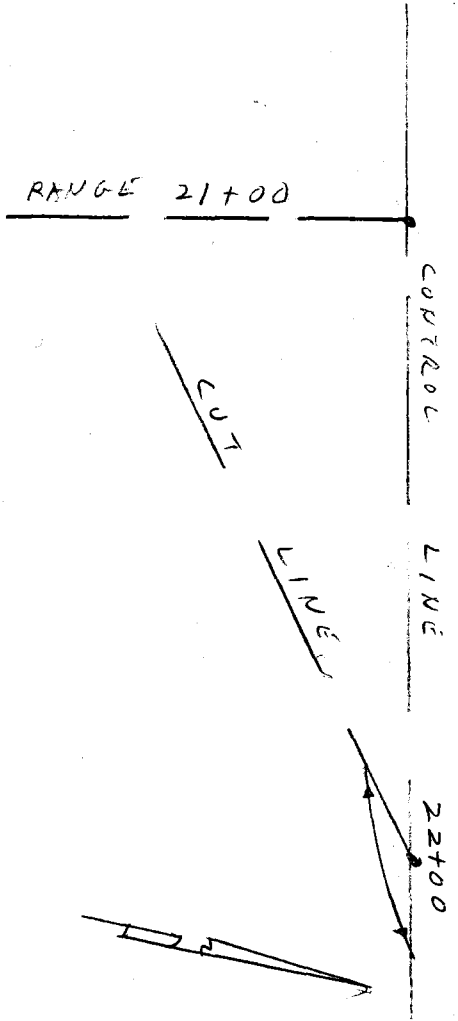
726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 21+00

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | RANGE MIN. | LINE | CARD Nº |
|---|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | | |
| 22+00 | 30+00 | 11.42 | 1 | 107 | 05 | | | | |
| | | | 2 | 110 | 06 | | | | |
| | | | 3 | 113 | 06 | | | | |
| | | | 4 | 116 | 42 | | | | |
| | | | 5 | 120 | 58 | | | | |
| | | | 6 | 128 | 09 | | | | |
| | | | 7 | 133 | 21 | | | | |
| | | | 8 | 138 | 34 | | | | |
| | | | 9 | 143 | 04 | | | | |
| | | | 10 | 149 | 27 | | | | |
| | | | 11 | 155 | 04 | | | | |
| | | 11.45 | 12 | 159 | 08 | | | | |




Profile Notes Red. Plotted. Job No. 0739.93 Division No. 45 F. B. 2465 Pg. 47
No. Date Date Survey of M.B.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A.G. Date 12-4-78
No. Date Date Map No. Indexed T.M. PALMER Date DEC 5 1978
RANGE 21+00

F. B. 2465 PG. 48 Job No. 0739.99 Division No. 45 Notes Red. ______ Plotted ______ Profile

Survey of ______ Date ______ Date ______ No. ______

Survey by ______ Notes ______ Notes Chkd. ______ Checked ______ X-Sec.

Indexed ______ Date ______ Date ______ Date ______ No. ______

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle No. (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|

**Do not extend notes this side of this line.**

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

765420A • CE 353A • Cdb 9-62

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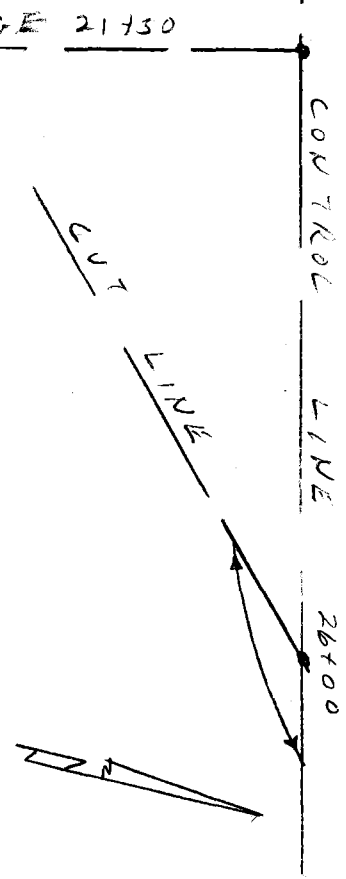
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 21+50

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Line Min. | Card No |
|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | |
| 26+00 | 30+00 | 13.30 | 1 | 141 | 01 | | | |
| | | | 2 | 147 | 16 | | | |
| | | | 3 | 149 | 21 | | | |
| | | | 4 | 154 | 35 | | | |
| | | | 5 | 157 | 16 | | | |
| | | | 6 | 162 | 16 | | | |
| | | | 7 | 165 | 50 | | | |
| | | | 8 | 170 | 09 | | | |
| | | | 9 | 172 | 04 | | | |
| | | 13.33 | 10 | 174 | 07 | | | |
| | | | 11 | | | | | |




Profile Notes Red. Plotted. Job No. 0739.49 Division No. 25 | F. B. 2465 Pg. 49
No. Date Date Survey of M.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A. G. Date 12-9-78
No. Date Date Map No. Indexed T.M. PALM Date DEC 3 1979

RANGE 21+50

F. B. 2465 PG. 50

Job No.____ Division No.____ Notes Red.____ Plotted____ Profile No.____

Survey of____ Date____ Date____ X-Sec.

Survey by____ Notes____ Notes Chkd.____ Checked____

Indexed____ Date____ Date____ Date____ No.____

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle No. (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**Do not extend notes this side of this line.**

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

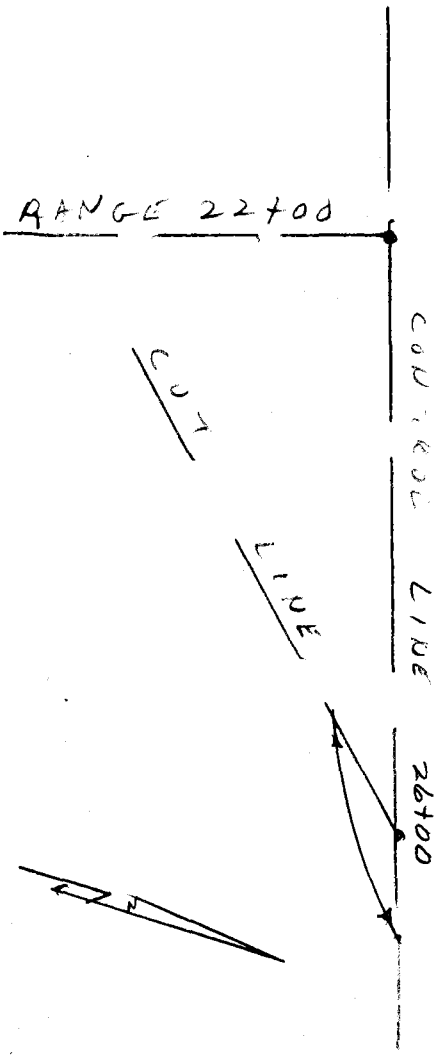
765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 22+00 **Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Min. | Line | Card No |
|---|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | | |
| 26+00 | 30+00 | 1336 | 1 | 142 | 03 | | | | |
| | | | 2 | 145 | 01 | | | | |
| | | | 3 | 148 | 13 | | | | |
| | | | 4 | 151 | 58 | | | | |
| | | | 5 | 154 | 03 | | | | |
| | | | 6 | 158 | 13 | | | | |
| | | | 7 | 161 | 30 | | | | |
| | | | 8 | 166 | 21 | | | | |
| | | | 9 | 168 | 07 | | | | |
| | | | 10 | 171 | 14 | | | | |
| | | 1338 | 11 | 173 | 05 | | | | |




Profile Notes Red. Plotted Job No. 8739.49 Division No. 45 F. B. 2465 Pg. 51
No. Date Date Survey of M.P.E. MAIN SEWER Date 12-4-78
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A.S. Date
No. Date Date Map No. Indexed T.M. PAL Date DEC 28 1978

RANGE 22+00

F. B. 2465 PG. 52 Job No. 0739.49 Division No. 45 Notes Red. Plotted Profile No.

Survey of Date Date

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

| Inst. At (Don't Punch) | Sight On (Don't Punch) | Time (Don't Punch) | Angle No. (Don't Punch) | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | For Office Use Only: Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

Do not extend notes this side of this line.

PLEASE RETURN TO
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726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

765420A - CE 353A - Cdb 9-62

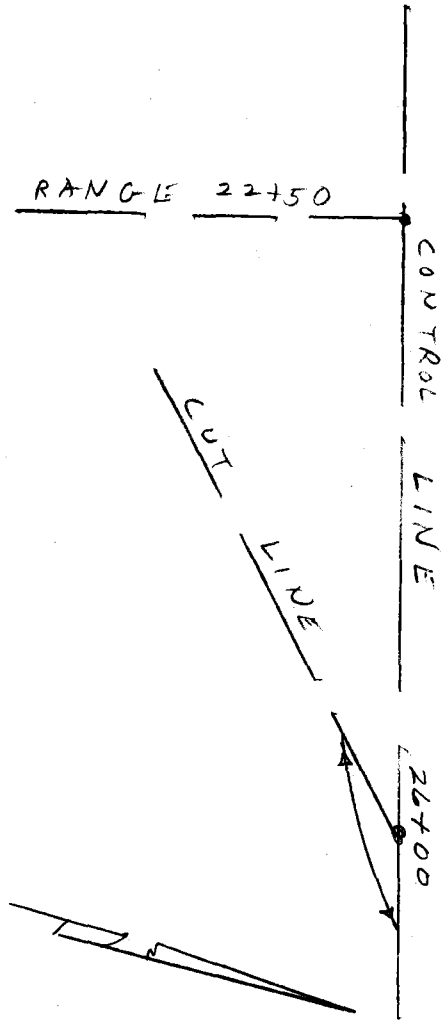
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 22450

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle Nº | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only Range Deg. | Range Min. | Line | Card Nº |
|---|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | | |
| 26+00 | 30+00 | 13.42 | 1 | 134 | 24 | | | | |
| | | | 2 | 138 | 52 | | | | |
| | | | 3 | 142 | 12 | | | | |
| | | | 4 | 146 | 43 | | | | |
| | | | 5 | 153 | 14 | | | | |
| | | | 6 | 155 | 25 | | | | |
| | | | 7 | 157 | 32 | | | | |
| | | | 8 | 162 | 44 | | | | |
| | | | 9 | 165 | 42 | | | | |
| | | | 10 | 168 | 43 | | | | |
| | | | 11 | 171 | 08 | | | | |
| | | 13.45 | 12 | 173 | 56 | | | | |




Profile Notes Red. Plotted Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 53
No. Date Date Survey of M.P.E. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Noted A.G. Date 12-4-75
No. Date Date Map No. Indexed T.M. PALMER Date
RANGE 22450

F. B. 2465 PG. 54 | Job No.______ Division No.______ Notes Red.______ Plotted______ Profile

Survey of______ Date______ Date______ No.______

Survey by______ Notes______ Notes Chkd.______ Checked______ X-Sec.

Indexed______ Date______ Date______ Date______ No.______

INST. AT (DON'T PUNCH)
SIGHT ON (DON'T PUNCH)
TIME (DON'T PUNCH)
ANGLE Nº (DON'T PUNCH)
HOR. ANGLE DEG. MIN.
FOR OFFICE USE ONLY: RANGE LINE DEG. MIN. CARD Nº.

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

765420A - CE 353A - Cdb 9-62

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 23+00

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | RANGE MIN. | LINE | CARD Nº |
|---|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | | |
| 26+00 | 30+00 | 13.47 | 1 | 127 | 17 | | | | |
| | | | 2 | 133 | 47 | | | | |
| | | | 3 | 137 | 06 | | | | |
| | | | 4 | 140 | 21 | | | | |
| | | | 5 | 143 | 45 | | | | |
| | | | 6 | 177 | 26 | | | | |
| | | | 7 | 152 | 17 | | | | |
| | | | 8 | 155 | 46 | | | | |
| | | | 9 | 160 | 02 | | | | |
| | | | 10 | 163 | 31 | | | | |
| | | | 11 | 167 | 18 | | | | |
| | | | 12 | 170 | 03 | | | | |
| | | 13.58 | 13 | 172 | 20 | | | | |

RANGE 23+00

CONTROL LINE

CVT LINE

26+00

Profile Notes Red. Plotted. Job No. 8739.43 Division No. 45 F. B. 2465 Pg. 55
No. Date Date Survey of M.D.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A. G. Date 12-4-78
No. Date Date Map No. Indexed T.M. PALMER Date

RANGE 23+00

F. B. 2465 PG. 56 | Job No. 0739.99 Division No. 45 Notes Red. Plotted Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked X-Sec.

Indexed Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Deg. | Range Min. | Line | Card No. |
|---|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | | |

76S420A - CE 353A - Cdb 9-62

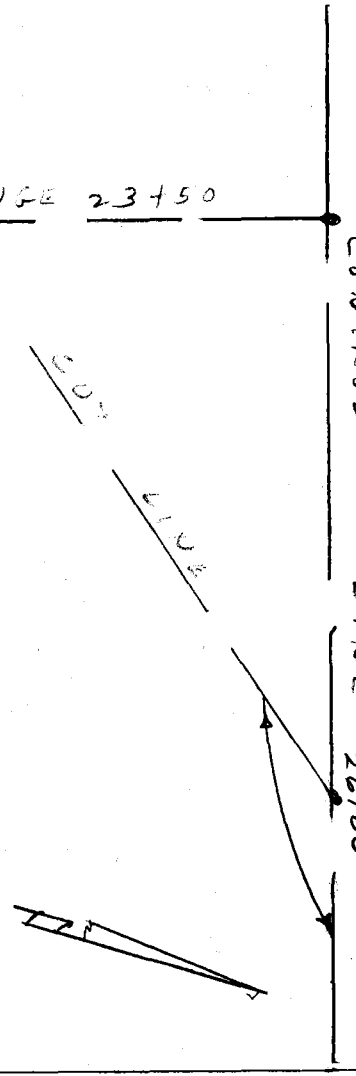
PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 23+50

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | RANGE MIN. | LINE | CARD Nº |
|---|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | | |
| 26+00 | 30+00 | 13.57 | 1 | 122 | 15 | | | | |
| | | | 2 | 126 | 20 | | | | |
| | | | 3 | 130 | 24 | | | | |
| | | | 4 | 135 | 20 | | | | |
| | | | 5 | 138 | 42 | | | | |
| | | | 6 | 141 | 33 | | | | |
| | | | 7 | 144 | 35 | | | | |
| | | | 8 | 148 | 59 | | | | |
| | | | 9 | 155 | 27 | | | | |
| | | | 10 | 161 | 22 | | | | |
| | | | 11 | 166 | 16 | | | | |
| | | 14.00 | 12 | 170 | 15 | | | | |




Profile Notes Red. Plotted Job No. 7739.49 Division No. 45 F. B. 2465 Pg. 57
No. Date Date Survey of M.P.E. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A.G. Date 12-4-78
No. Date Date Map No. Indexed Date DEC
RANGE 23+50

F. B. 2965 Pg. 58 | Job No. Division No. Notes Red. Plotted | Profile

Survey of Date Date No.

Survey by Notes Notes Chkd. Checked | X-Sec.

Indexed Date Date Date No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Line Deg. | Range Line Min. | Card No. |
|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | |

765420A • CE 353A • Cdb 9-62

PLEASE RETURN TO
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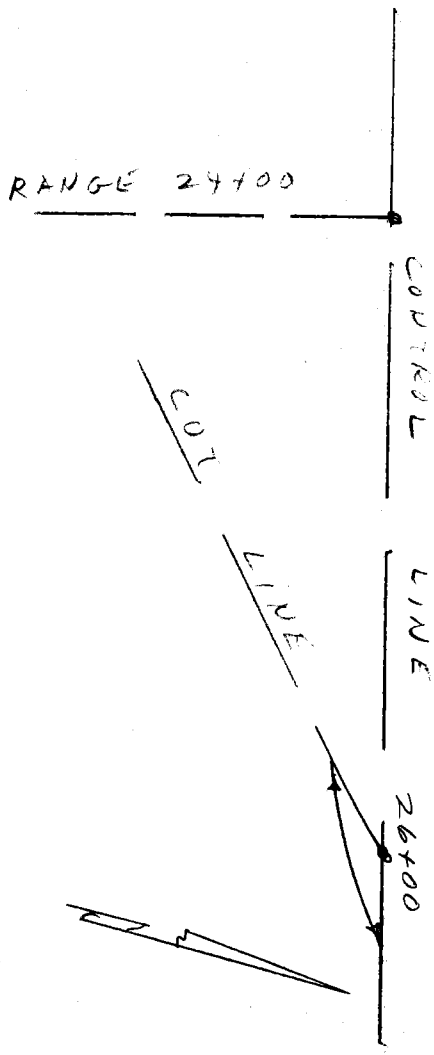
726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 24+00

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | RANGE MIN. | LINE CARD Nº |
|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | |
| 26-00 | 30+00 | 1402 | 1 | 121 | 22 | | | |
| | | | 2 | 126 | 08 | | | |
| | | | 3 | 130 | 32 | | | |
| | | | 4 | 134 | 35 | | | |
| | | | 5 | 138 | 55 | | | |
| | | | 6 | 145 | 32 | | | |
| | | | 7 | 150 | 53 | | | |
| | | | 8 | 156 | 29 | | | |
| | | | 9 | 163 | 14 | | | |
| | | 14.04 | 10 | 167 | 23 | | | |




Profile Notes Red. Plotted Job No. 9739-49 Division No. 45 F. B. 2465 Pg. 59
No. Date Date Survey of M.P.R. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A. G. Date 12-4-78
No. Date Date Map No. Indexed Date
RANGE 24+00

F. B. 2465 Pg. 60 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

Survey by | Notes | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Deg. | Range Min. | Line | Card No. |
|---|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | | |

**Do not extend notes this side of this line.**

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726 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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726 LOS ANGELES COUNTY ENGINEERING BLDG.

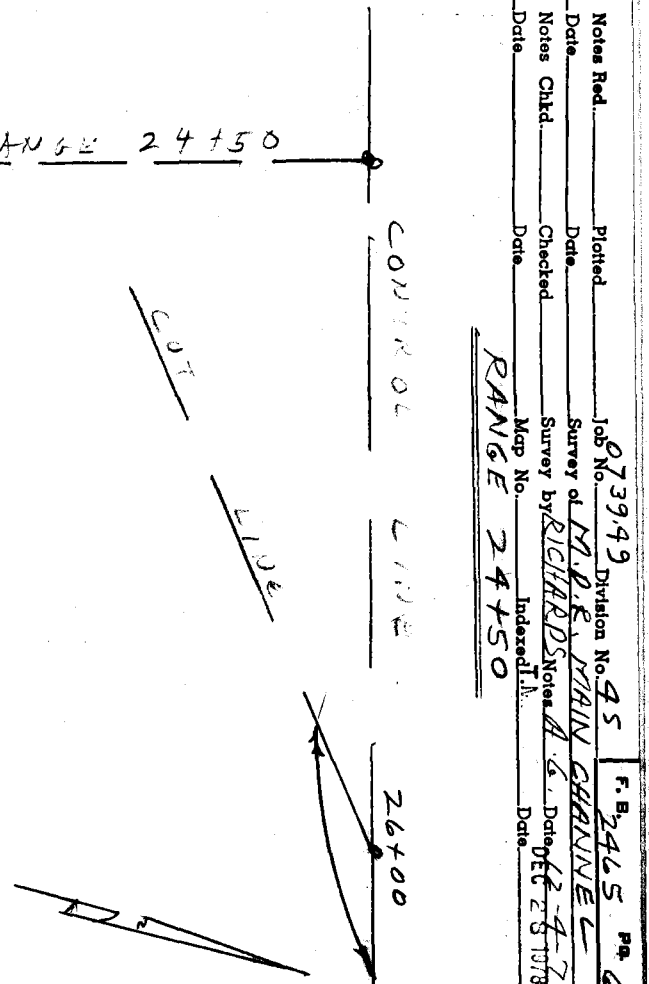
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

RANGE 24+50

**Do not extend notes this side of this line.**

| INST. AT | SIGHT ON | TIME | ANGLE Nº | HOR. ANGLE DEG. | HOR. ANGLE MIN. | FOR OFFICE USE ONLY RANGE DEG. | RANGE MIN. | CARD Nº |
|---|---|---|---|---|---|---|---|---|
| DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | DON'T PUNCH | | | | | |
| 26+00 | 34+00 | 14.06 | 1 | 116 | 36 | | | |
| | | | 2 | 118 | 35 | | | |
| | | | 3 | 122 | 07 | | | |
| | | | 4 | 125 | 30 | | | |
| | | | 5 | 129 | 34 | | | |
| | | | 6 | 134 | 55 | | | |
| | | | 7 | 139 | 51 | | | |
| | | | 8 | 150 | 09 | | | |
| | | | 9 | 160 | 03 | | | |
| | | 14.08 | 10 | 163 | 21 | | | |
| | | | 11 | | | | | |

RANGE 24+50




Profile Notes Red. Plotted Job No. 9739.49 Division No. 95 F. B. 2465 Pg. 61
No. Date Date Survey of M.P.E. MAIN CHANNEL
X-Sec. Notes Chkd. Checked Survey by RICHARDS Notes A. G. Date DEC 2-4-78
No. Date Date Map No. Indexed J.K. Date DEC 2 5 1978
RANGE 24+50

F. B. 2965 Pg. 62 | Job No. | Division No. | Notes Red. | Plotted | Profile

Survey of | Date | Date | No.

Survey by | Notes | Notes Chkd. | Checked | X-Sec.

Indexed | Date | Date | Date | No.

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| Inst. At | Sight On | Time | Angle No | Hor. Angle Deg. | Hor. Angle Min. | For Office Use Only: Range Deg. | Range Min. | Line | Card No. |
|---|---|---|---|---|---|---|---|---|---|
| Don't Punch | Don't Punch | Don't Punch | Don't Punch | | | | | | |

Profile No. ____ X-Sec. No. ____

Notes Red ____ Date ____ Notes Chk'd. ____ Date ____

Plotted ____ Date ____ Checked ____ Date ____

Job No. 0739.49 Division No. 25

Survey of M.D.R.

Survey by E. Landa

Map No. ____

F. B. 2265 PG. 43

Notes ____ Date 6-2-79

Indexed ____ Date ____

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

Do not extend notes this side of this line.

| STATION | B. S. | H. I. | F. S. | ELEV. | |
|---|---|---|---|---|---|
| | | | | | MARINA DEL REY<br>MAIN CHANNEL<br><br>J.N. 0739.49<br><br>HYDROGRAPHIC SURVEY<br>(SHOALING AREA)<br><br>FROM 12+00 TO 24+50 INCL.<br><br>REF: F.B. 3256 Pg. 196 |
| | | | | | Pty<br>Landa<br>Moodyman<br>Bankson<br>Caro |

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

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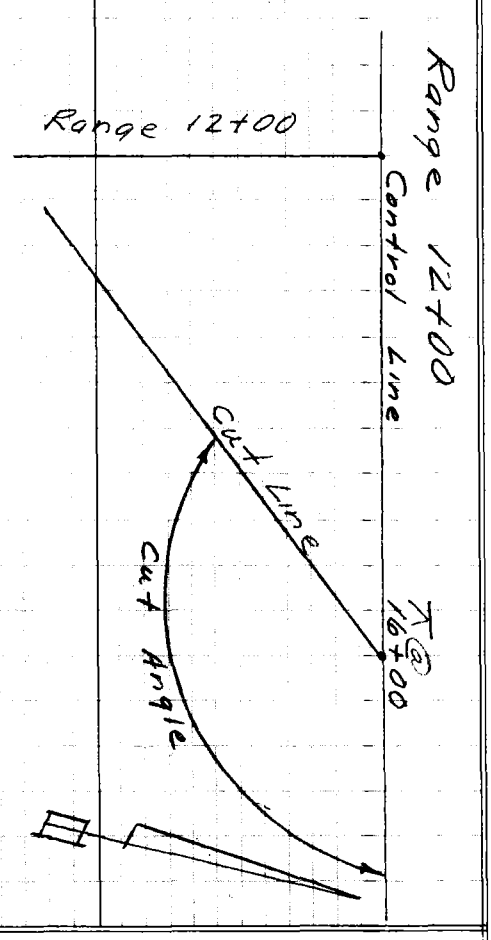
**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 12+00 | | | |
| Inst. @ | Sight on | Time | Ang. No. | Deg Min |
| 16+00 | 30+00 | 9:55 | 1 | 133 31 |
| | | | 2 | 136 40 |
| | | | 3 | 143 05 |
| | | | 4 | 151 37 |
| | | | 5 | 162 45 |
| | | 9:58 | 6 | 168 20 |




Profile Notes Red Plotted Job No. 073949 Division No. 75 F. B. 2465 PG. 65
No. Date Date Survey of M.D.P. Main Channel
X-Sec. Notes Chk'd. Checked Survey by E. LANDA Notes A. C. Date 6-4-79
No. Date Date Map No. Indexed Date

76-L-298 CE 307 8-70

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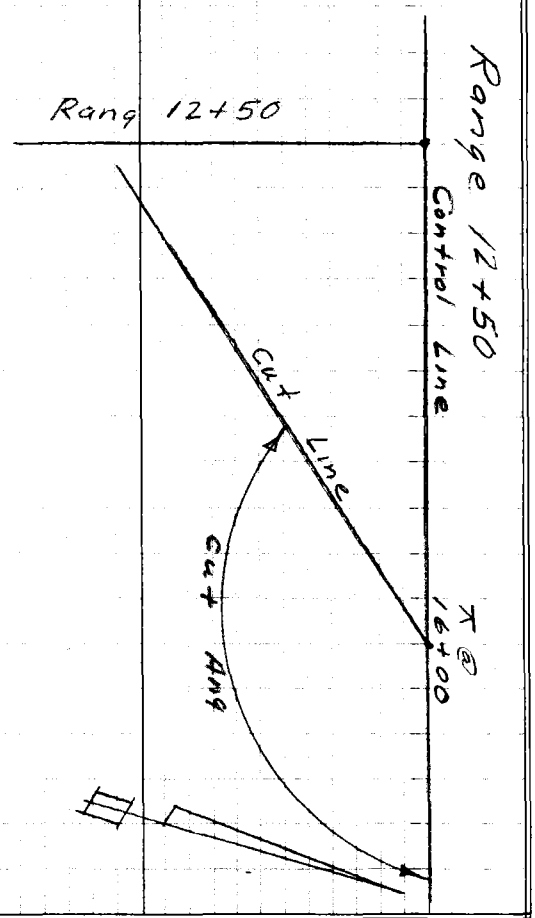
**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range 12+50 | | | | |
| Inst. @ | Sight on | Time | Ang. No. | Deg. Min |
| 16+00 | 30+00 | 10:01 | 1 | 133 05 |
| | | | 2 | 135 15 |
| | | | 3 | 137 05 |
| | | | 4 | 142 05 |
| | | | 5 | 148 36 |
| | | | 6 | 156 37 |
| | | | 7 | 165 15 |
| | | 10:03 | 8 | 170 38 |




Profile Notes Red ____ Plotted ____ Job No. 073949 Division No. 45
No. ____ Date ____ Date ____ Survey of M.D.R. Map Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes 4.6. Date 6-4-73
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 2465 Pg. 67

76-L-298 CE 307 8-70

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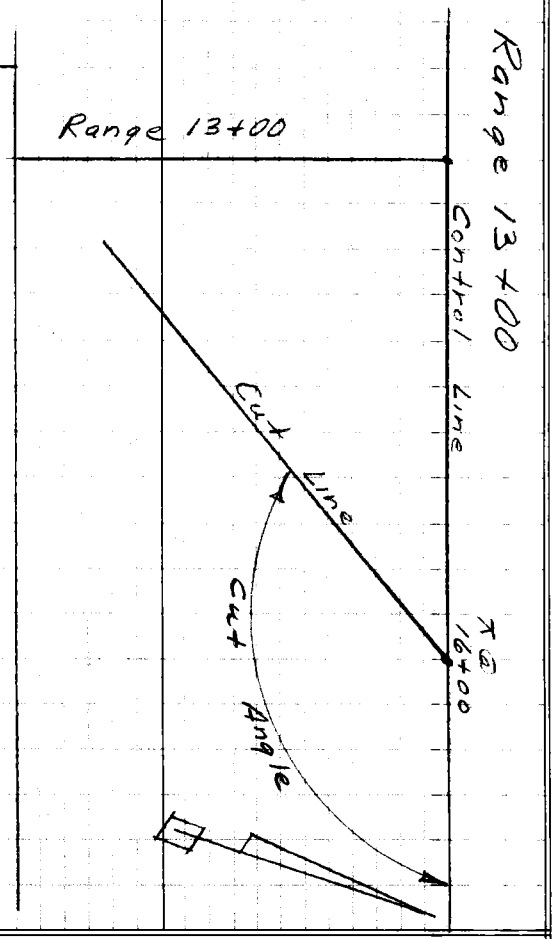
Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45
No. ____ Date ____ Date ____ Survey of M.D.R. Main Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes A. C. Date 6-4-79
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 2465 Pg. 69

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range 13+00 | | | | |
| Inst. @ | Sight on | Time | Ang. No. | Deg. Min |
| 16+00 | 30+00 | 10:14 | 1 | 127 31 |
| | | | 2 | 134 29 |
| | | | 3 | 142 13 |
| | | | 4 | 153 21 |
| | | | 5 | 161 19 |
| | | 10:16 | 6 | 168 39 |



76-L-298 CE 307 8-70

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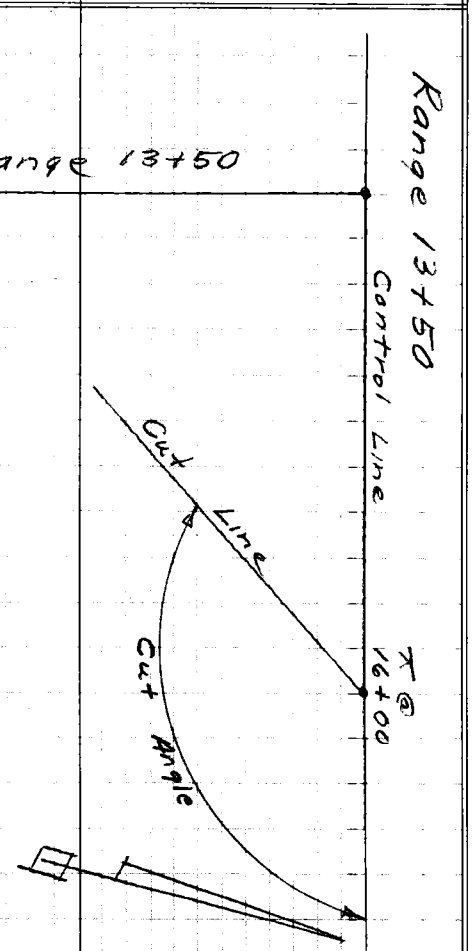
403 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 13+50 | | | |
| Inst. @ | Sight on | Time | Ang. No. | Deg. Min |
| 16+00 | 30+00 | 10:20 | 1 | 124 02 |
| | | | 2 | 130 21 |
| | | | 3 | 141 42 |
| | | | 4 | 152 52 |
| | | | 5 | 162 17 |
| | | 10:22 | 6 | 167 48 |




Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 71
No. ____ Date ____ Date ____ Survey of M.D.R. Main Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LAND Notes A.C. Date 6-4-79
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 8-70

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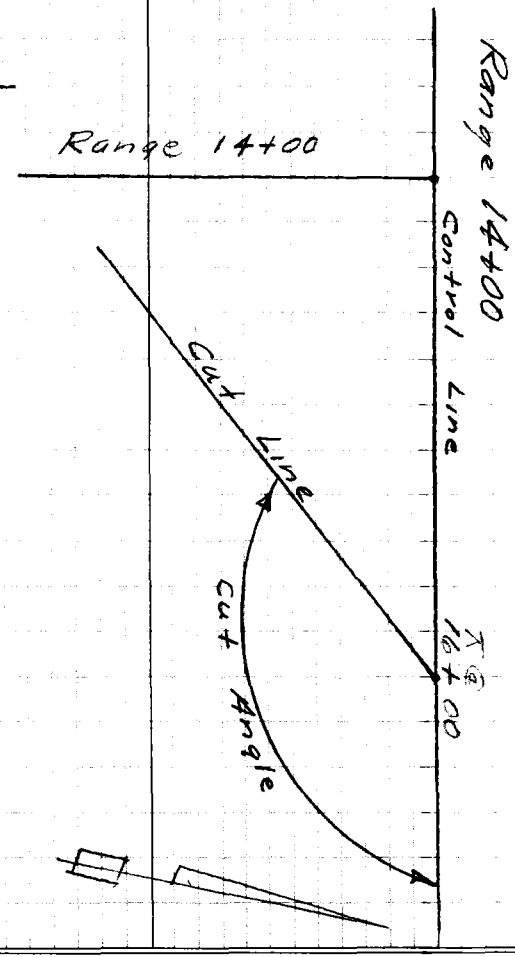
**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 14+00 | | | |
| Inst. @ | Sight on | Time | Ang. No. | Deg. Min |
| 16+00 | 30+00 | 10:29 | 1 | 115 41 |
| | | | 2 | 119 38 |
| | | | 3 | 126 49 |
| | | | 4 | 143 31 |
| | | | 5 | 153 09 |
| | | 10:32 | 6 | 163 06 |




Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 73
Date ____ Date ____ Survey of M.D.R. Main Channel
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes A.C. Date 6-4-79
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 8-70

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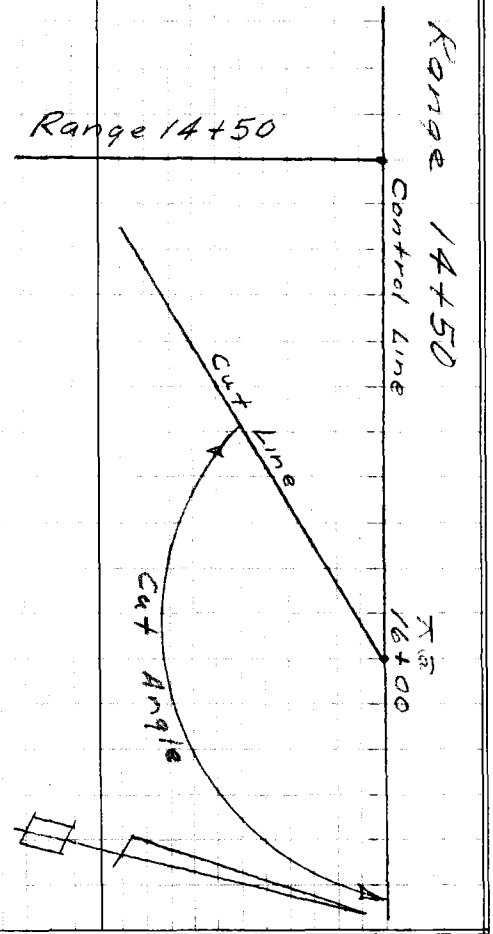
**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 14+50 | | | |
| Inst. @ | Sight on | Time | Ang. No. | Dec. Min. |
| 16+00 | 30+00 | 10:37 | 1 | 10407 |
| | | | 2 | 10633 |
| | | | 3 | 10843 |
| | | | 4 | 11617 |
| | | | 5 | 12727 |
| | | | 6 | 14651 |
| | | 10:39 | 7 | 15833 |




Profile Notes Red_____ Plotted_____ Job No. 0739.49 Division No. 45
No._____ Date_____ Date_____ Survey of M.D.R. Wash Channel
X-Sec. Notes Chk'd._____ Checked_____ Survey by E. LANDA Notes H. C. Date 6-4-79
No._____ Date_____ Date_____ Map No._____ Indexed_____ Date_____

F. B. 2465 Pg. 75

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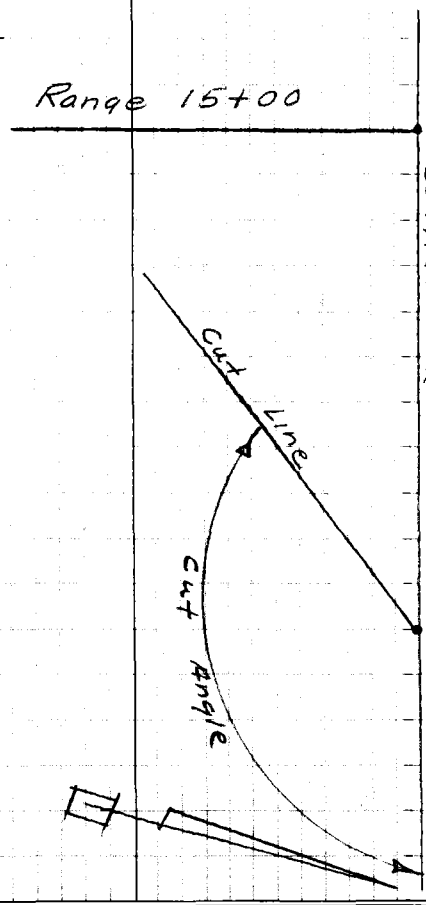
**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 15+00 | | | |
| Inst. @ | Sight on | Time | Ang. N° | Deg. Min. |
| 16+00 | 30+00 | 10:50 | 1. | 105 12 |
| | | | 2. | 107 26 |
| | | | 3. | 111 36 |
| | | | 4. | 124 39 |
| | | | 5. | 137 03 |
| | | | 6. | 152 00 |
| | | 10:53 | 7. | 155 14 |




Profile Notes Red Plotted Job No. 0737.49 Division No. 45 F. B. 2465 Pg. 77
No. Date Date Date Survey of M.D.R. Main Channel
X-Sec. Notes Chk'd. Checked Survey by E. LANDA Notes A. C. Date 6-4-79
No. Date Date Map No. Indexed Date

76-L-298 CE 307 8-70

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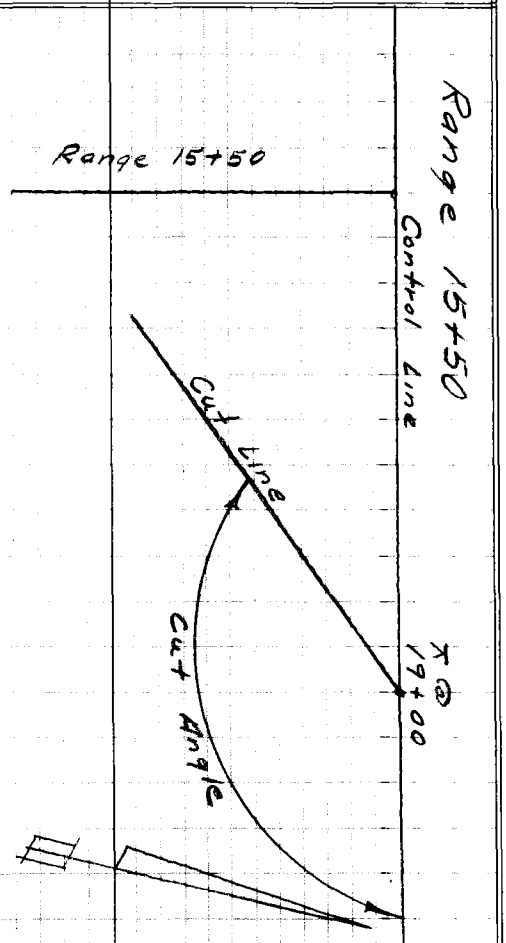
**Do not extend notes this side of this line.**

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 15 F.B. 2465 Pg. 79
X-Sec. No. ____ Date ____ Date ____ Survey of M.D.R. Main Channel
Notes Chk'd ____ Checked ____ Survey by E. LANDA Notes E.C. Date 6-4-79
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 15+50 | | | |
| Inst. @ | Sight on | Time | Ang. No. | Deg. Min. |
| 19+00 | 30+00 | 11:01 | 1 | 130 52 |
| | | | 2 | 137 18 |
| | | | 3 | 145 30 |
| | | | 4 | 159 17 |
| | | 11:03 | 5 | 168 25 |



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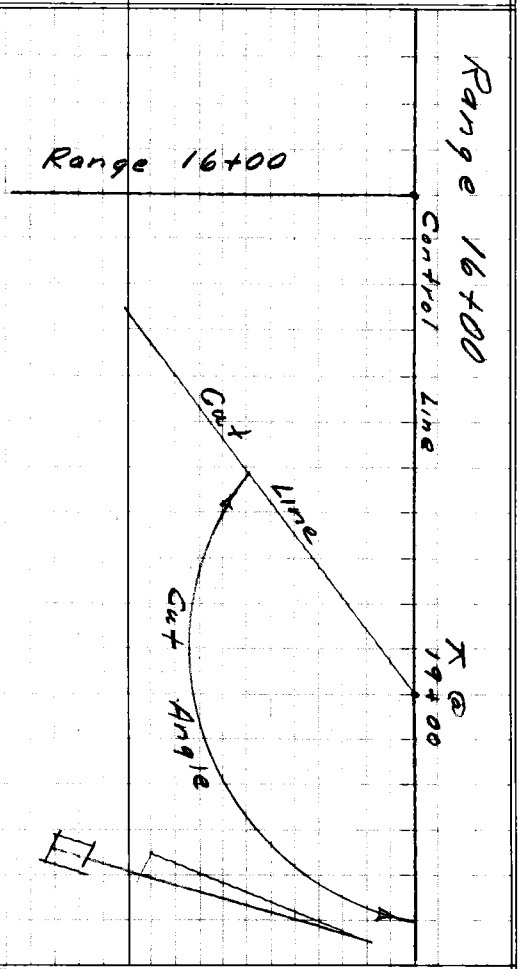
**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range Inst. @ 19+00 | 16+00 Sight on 30+00 | Time 11:09 | Ang. No. 1 | Deg. Min 128 25 |
| | | | 2 | 134 26 |
| | | | 3 | 144 09 |
| | | | 4 | 158 28 |
| | | 11:12 | 5 | 167 06 |




Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45
No. ____ Date ____ Date ____ Survey of M. D. R. Maui Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes A.C. Date 2-4-79
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 2465 Pg. 81

76-L-298 CE 307 8-70

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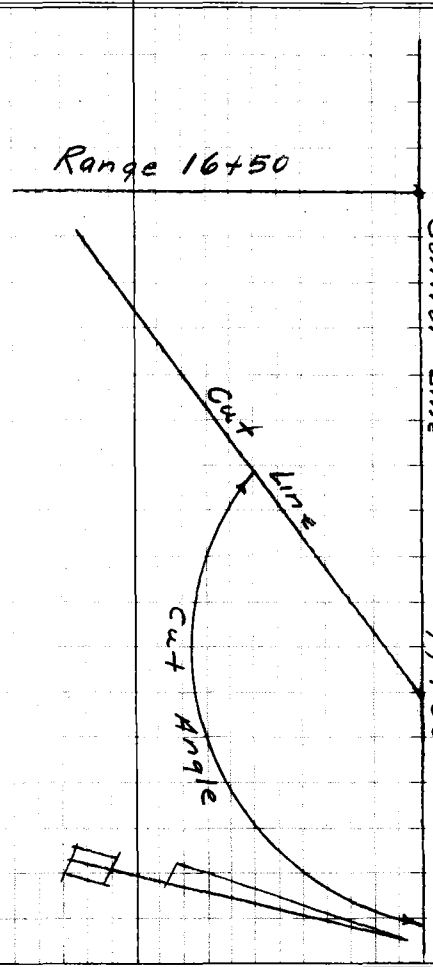
Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45
X-Sec. No. ____ Date ____ Date ____ Survey of W. B. K. Main Channel
Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes A. C. Date 6-4-79
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 2465 PG. 83

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range 16+50 | | | | |
| Inst. @ | Sight on | Time | Ang. No. | Deg. Min |
| 19+00 | 30+00 | 11:20 | 1 | 125 10 |
| | | | 2 | 130 44 |
| | | | 3 | 142 02 |
| | | | 4 | 163 20 |
| | | 11:22 | 5 | 168 27 |



76-L-298 CE 307 8-70

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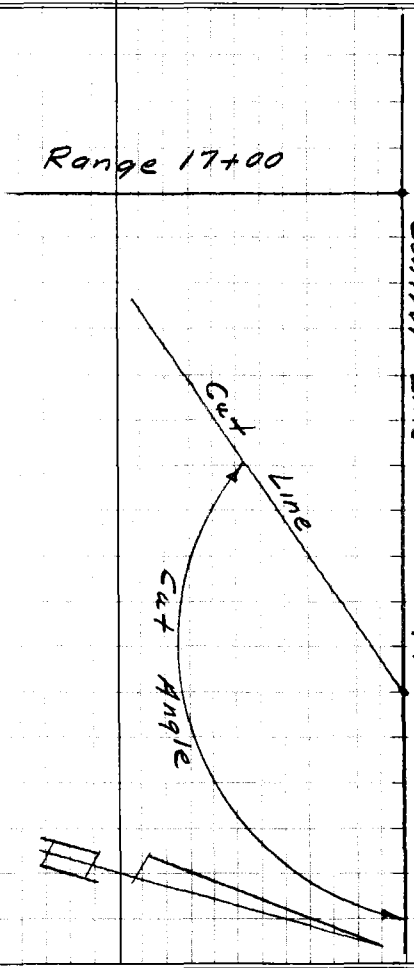
Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45
No. ____ Date ____ Date ____ Survey of M.D.R. Main Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANUZA Notes A.C. Date 6-4-79
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F.B. 2465 Pg. 85

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range 17+00 | | | | |
| Inst. @ | Sight on | Time | Ang. No. | Deg. Min. |
| 19+00 | 30+00 | 11:25 | 1 | 11248 |
| | | | 2 | 11710 |
| | | | 3 | 12417 |
| | | | 4 | 14025 |
| | | | 5 | 15043 |
| | | | 6 | 16047 |
| | | 11:27 | 7 | 16624 |



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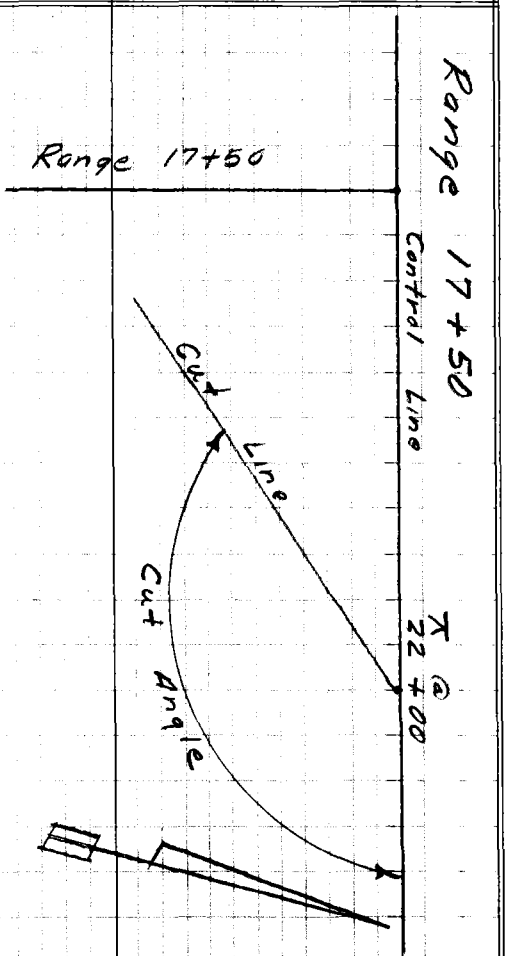
Profile Notes Red____ Plotted____ Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 87
No.____ Date____ Date____ Survey of M.D.R. Main Channel
X-Sec. Notes Chk'd.____ Checked____ Survey by E. LANDA Notes A.C. Date 6-4-79
No.____ Date____ Date____ Map No.____ Indexed____ Date____

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 17+50 | | | |
| Inst. @ | Sight on | Time | Ang. N°. | Deg. Min. |
| 22+00 | 30+00 | 11:52 | 1 | 12932 |
| | | | 2 | 13233 |
| | | | 3 | 13548 |
| | | | 4 | 13911 |
| | | | 5 | 14243 |
| | | | 6 | 14832 |
| | | | 7 | 15525 |
| | | | 8 | 15934 |
| | | | 9 | 16250 |
| | | | 10 | 16618 |
| | | 11:55 | 11 | 17119 |



76-L-298 CE 307 8-70 /

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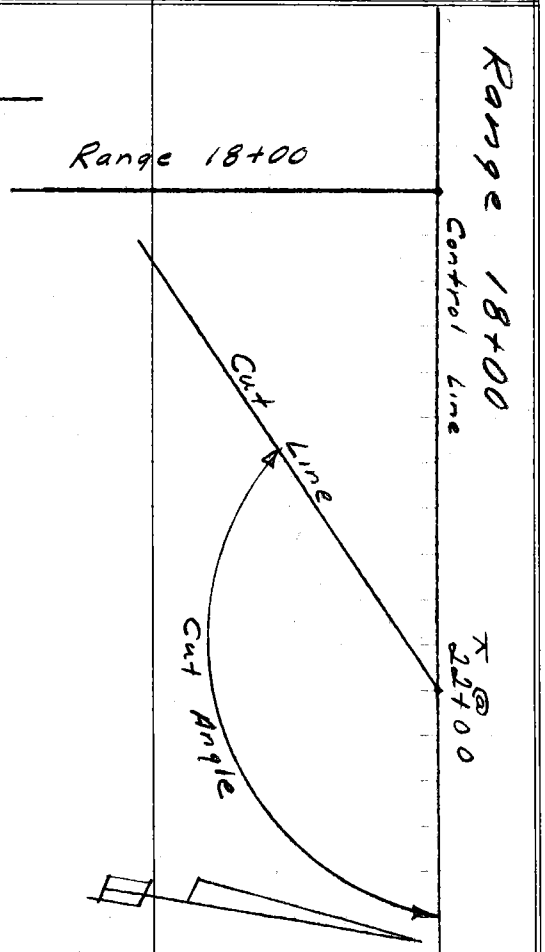
**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 18+00 | | | |
| Inst. @ | Sight on | Time | Ang. No. | Deg. Min. |
| 22+00 | 30+00 | 12:12 | 1 | 134 15 |
| | | | 2 | 140 02 |
| | | | 3 | 146 45 |
| | | | 4 | 152 14 |
| | | | 5 | 156 56 |
| | | | 6. | 160 26 |
| | | | 7 | 163 10 |
| | | | 8 | 166 53 |
| | | 12:15 | 9 | 170 54 |




Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45
No. ____ Date ____ Date ____ Survey of W.O.R. Main Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes A. C. Date 6-4-79
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 2465 Pg. 89

76-L-298 CE 307 8-70

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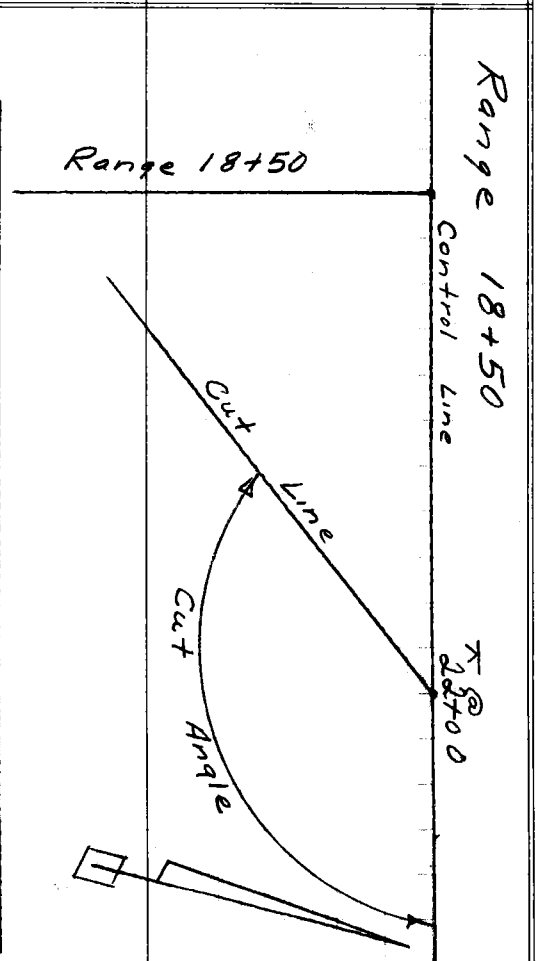
Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0739.49 Division No. 45
X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey of M.D.R. Main Channel
Survey by E. LANDA Notes R.C. Date 6-4-79
Map No. ____ Date ____ Indexed ____ Date ____

F.B. 2465 Pg. 91

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range Inst. @ | 18+50 Sight on | Time | Ang. No. | Deg. Min. |
| 22+00 | 30+00 | 12:19 | 1 | 12638 |
| | | | 2 | 13108 |
| | | | 3 | 13520 |
| | | | 4 | 14020 |
| | | | 5 | 14839 |
| | | | 6 | 15636 |
| | | | 7 | 16039 |
| | | | 8 | 16429 |
| | | 12:23 | 9 | 17029 |



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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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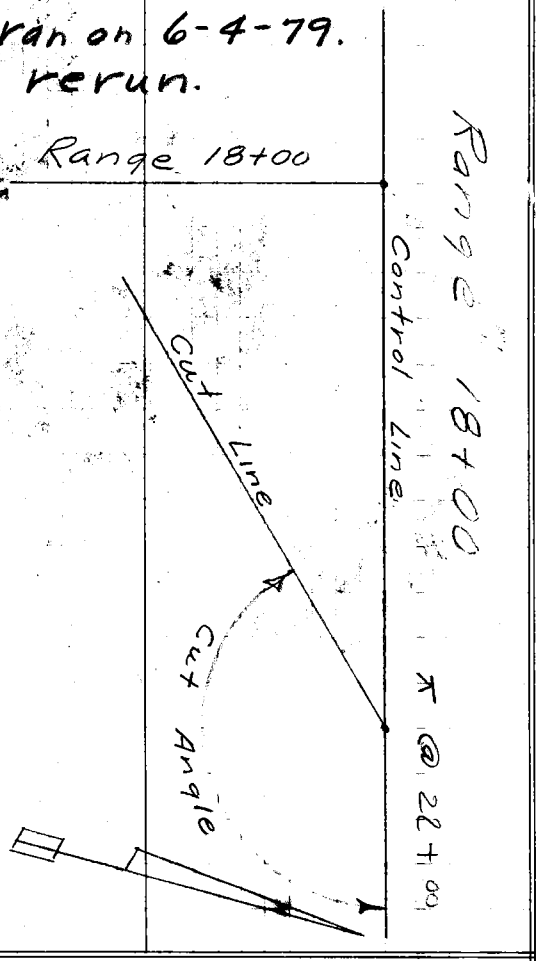
Profile No. _____ Notes Red _____ Plotted _____ Job No. 07739.49 Division No. 45 F. B. 2465 Pg. 93
X-Sec. No. _____ Date _____ Date _____ Survey of W. D. R. Main Channel
Notes Chk'd. _____ Checked _____ Survey by E. LANDA Notes A. C. Date 6-12-79
Date _____ Date _____ Map No. _____ Indexed _____ Date _____

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range 18+00 | | | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 22+00 | 30+00 | 10:24 | 1 | 145 43 |
| | | | 2 | 149 00 |
| | | | 3 | 151 27 |
| | | | 4 | 155 58 |
| | | | 5 | 161 33 |
| | | | 6 | 165 36 |
| | | | 7 | 169 21 |
| | | 10 27 | 8 | 171 50 |

**Note:** This Sta. ran on 6-4-79.
This is a rerun.



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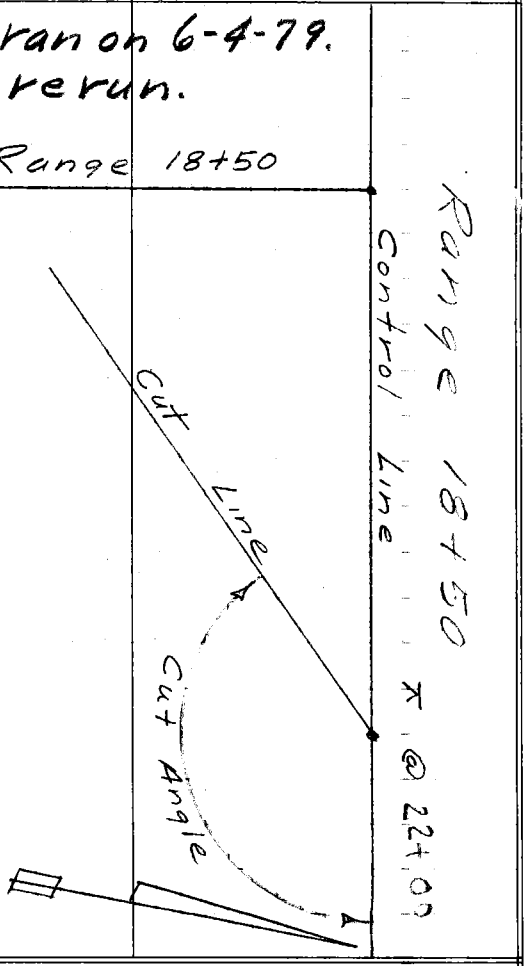
Profile Notes Red ____ Plotted ____ Job No. 0739.47 Division No. 45 | F. B. 2465 Pg. 95
No. ____ Date ____ Date ____ Survey of M.D.P. Main Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes A.S.L. Date 6-12-79
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range 18+50 | | | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 22+00 | 30+00 | 10 30 | 1 | 138 11 |
| | | | 2 | 141 17 |
| | | | 3 | 146 40 |
| | | | 4 | 153 25 |
| | | | 5 | 159 32 |
| | | | 6 | 164 04 |
| | | 10 32 | 7 | 171 10 |

**Note:** This Sta. ran on 6-4-79.
This is a rerun.



76-L-298 CE 307 8-70

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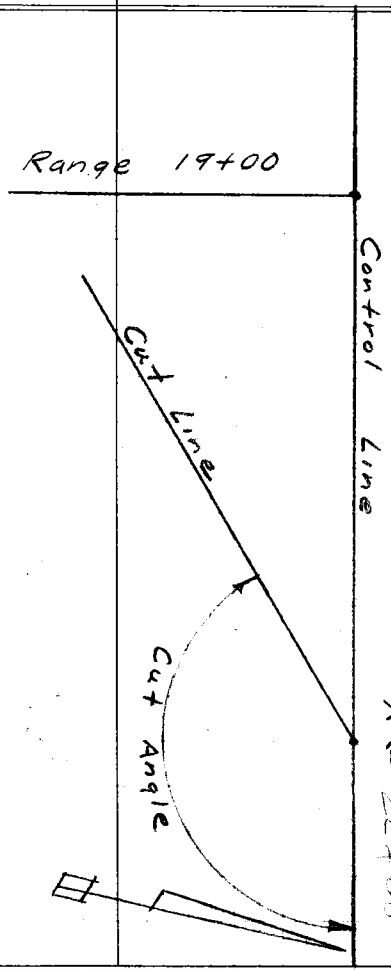
**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| RANGE | 19+00 | | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 22+00 | 30+00 | 10:38 | 1 | 135 04 |
| | | | 2 | 138 37 |
| | | | 3 | 142 40 |
| | | | 4 | 148 37 |
| | | | 5 | 156 46 |
| | | | 6 | 160 38 |
| | | 10:40 | 7 | 169 16 |




Profile Notes Red ____ Plotted ____ Job No. 0737.49 Division No. 45 F. B. 2465 Pg. 97
No. ____ Date ____ Date ____ Survey of M.D.R. Main Channel
X-Sec. Notes Chk'd ____ Checked ____ Survey by E. LANDA Notes A.C. Date 6-16-71
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 8-70

PLEASE RETURN TO
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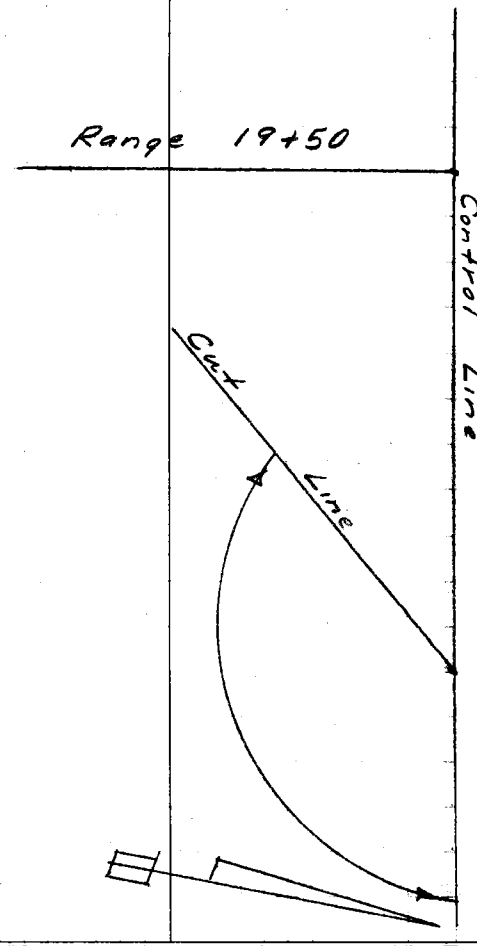
403 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range 19+50 | | | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 22+00 | 30+00 | 10:42 | 1 | 126 35 |
| | | | 2 | 128 57 |
| | | | 3 | 136 22 |
| | | | 4 | 144 05 |
| | | | 5 | 150 00 |
| | | | 6 | 160 48 |
| | | 10 43 | 7 | 167 08 |




Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45
No. ____ Date ____ Date ____ Survey of W. D. R. Main Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes A, C. Date 6-12-29
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 2465 Pg. 99

76-L-298 CE 307 8-70

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403 Los Angeles County Engineering Bldg.

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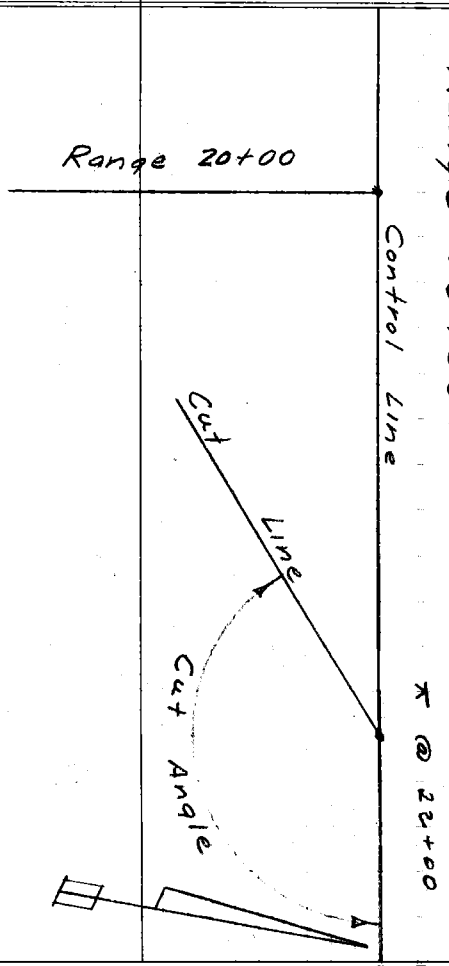
**Do not extend notes this side of this line.**

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45
X-Sec. No. ____ Date ____ Date ____ Survey of M.D.R. Main Channel
Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes ____ Date 6-12-79
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 2465 Pg. 101

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range 20+00 | | | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 22+00 | 30+00 | 10:53 | 1 | 129 08 |
| | | | 2 | 135 30 |
| | | | 3 | 142 15 |
| | | | 4 | 150 20 |
| | | | 5 | 157 11 |
| | | 10:55 | 6 | 168 05 |



76-L-298 CE 307 8-70

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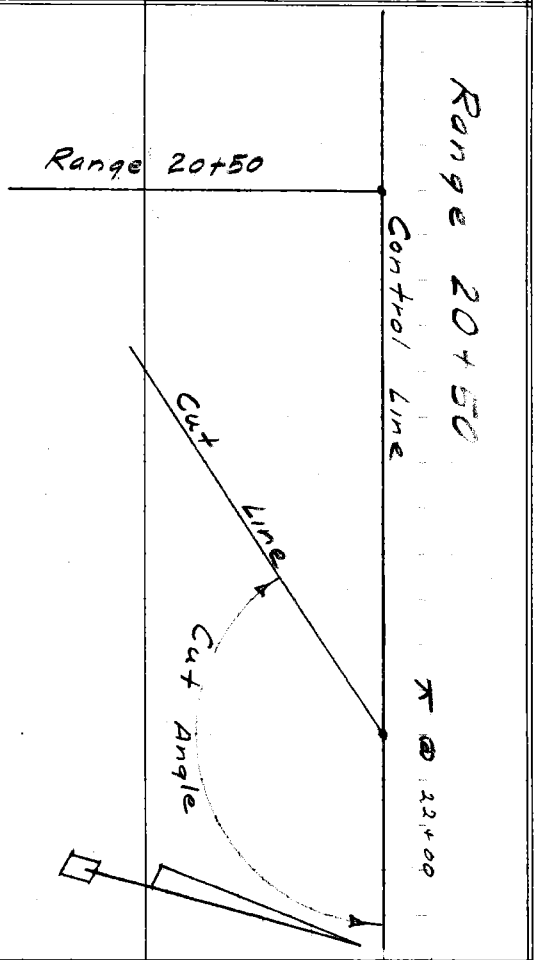
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45 | F. B. 2465 Pg. 103
No. ____ Date ____ Date ____ Survey of M.D.R. Main Sewer
X-Sec. Notes Chk'd ____ Checked ____ Survey by E. LANDA Notes ____ Date 6-12-79
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 20+50 | | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min |
| 22+00 | 30+00 | 10: 58 | 1 | 114 55 |
| | | | 2 | 118 47 |
| | | | 3 | 125 28 |
| | | | 4 | 134 15 |
| | | | 5 | 141 58 |
| | | | 6 | 151 40 |
| | | 11 00 | 7 | 160 30 |



76-L-298 CE 307 8-70

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

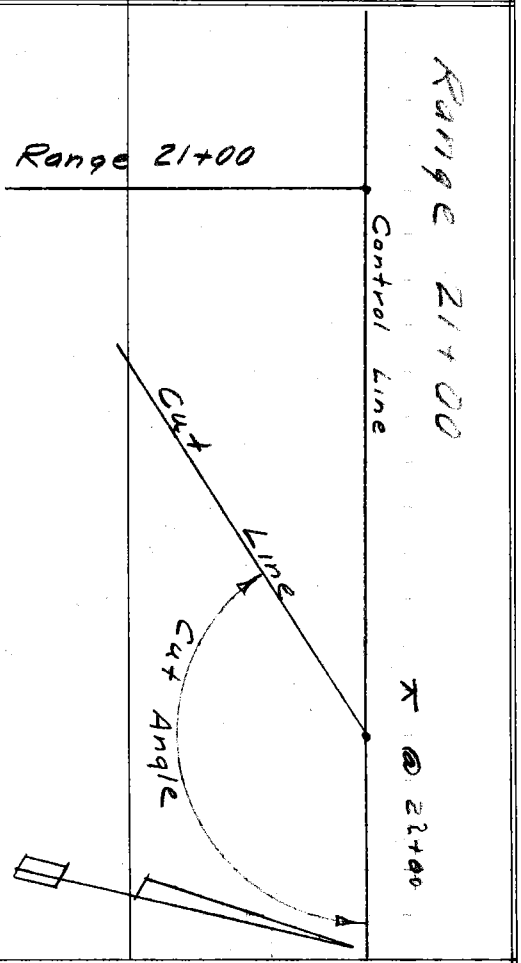
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 75
X-Sec. No. ____ Date ____ Date ____ Survey of M. D. R. Main Channel
Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes ____ Date 6-12-79
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

F. B. 2465 Pg. 105

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range 21+00 | | | | |
| Inst. @ | Sight on | Time | Angle * | Deg. Min. |
| 22+00 | 30+00 | 11:03 | 1 | 104 50 |
| | | | 2 | 109 41 |
| | | | 3 | 115 30 |
| | | | 4 | 123 40 |
| | | | 5 | 134 00 |
| | | 11:04 | 6 | 155 27 |



76-L-298 CE 307 8-70

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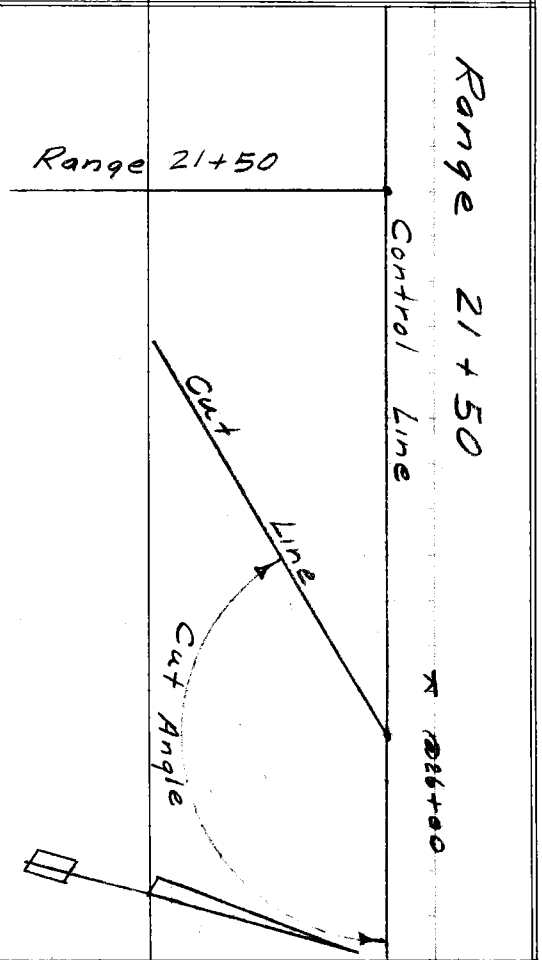
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range 21+50 | | | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 26+00 | 30+00 | 11:18 | 1 | 148 35 |
| | | | 2 | 154 06 |
| | | | 3 | 159 21 |
| | | | 4 | 162 25 |
| | | | 5 | 167 23 |
| | | | 6 | 170 40 |
| | | | 7 | 174 10 |
| | | 11:19 | | |




Profile Notes Red Plotted Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 107
No. Date Date Survey of M.D.R. Main Channel
X-Sec. Notes Chk'd. Checked Survey by E. LANDA Notes Date 6-12-69
No. Date Date Map No. Indexed Date

76-L-298 CE 307 8-70

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

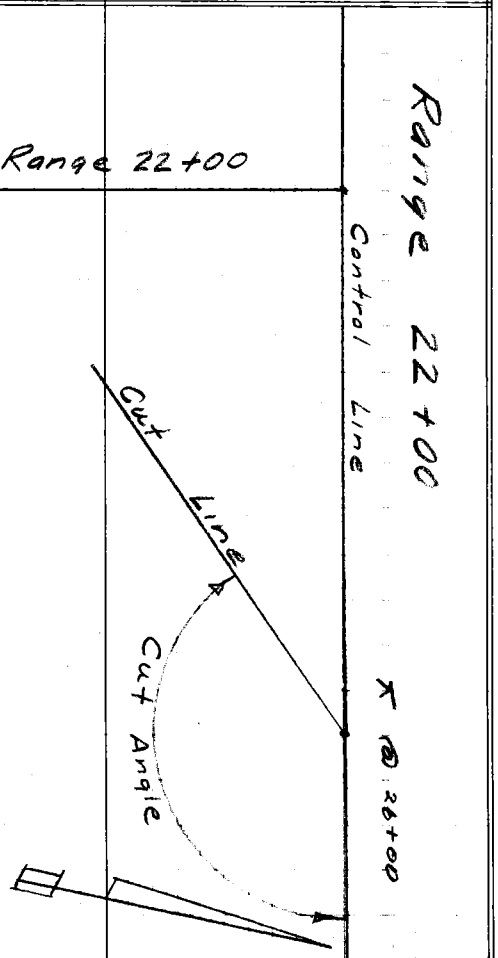
Profile Notes Red____ Plotted____ Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 109

No.____ Date____ Date____ Survey of M. D. R. Main Channel

X-Sec. Notes Chk'd.____ Checked____ Survey by E. LANDA Notes____ Date 6-12-69

No.____ Date____ Date____ Map No.____ Indexed____ Date____

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | | 22+00 | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 26+00 | 30+00 | 11:35 | 1 | 148 00 |
| | | | 2 | 152 00 |
| | | | 3 | 156 54 |
| | | | 4 | 161 29 |
| | | | 5 | 165 15 |
| | | | 6 | 170 05 |
| | | 11:37 | 7 | 174 30 |



76-L-298 CE 307 8-70

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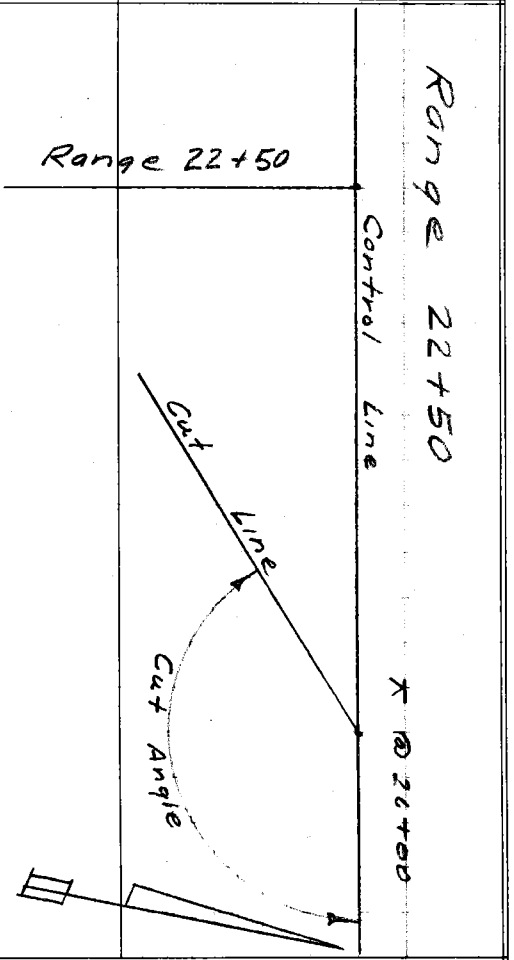
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 111
No. ____ Date ____ Date ____ Survey of W. D. K. Main Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes ____ Date 6-[illegible]-72
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 22+50 | | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 26+00 | 30+00 | 11:52 | 1 | 135 5 9 |
| | | | 2 | 139 39 |
| | | | 3 | 145 15 |
| | | | 4 | 152 25 |
| | | | 5 | 156 49 |
| | | | 6 | 161 26 |
| | | | 7 | 167 01 |
| | | | 8 | 172 05 |
| | | 11:53 | 9 | 174 48 |



76-L-298 CE 307 8-70

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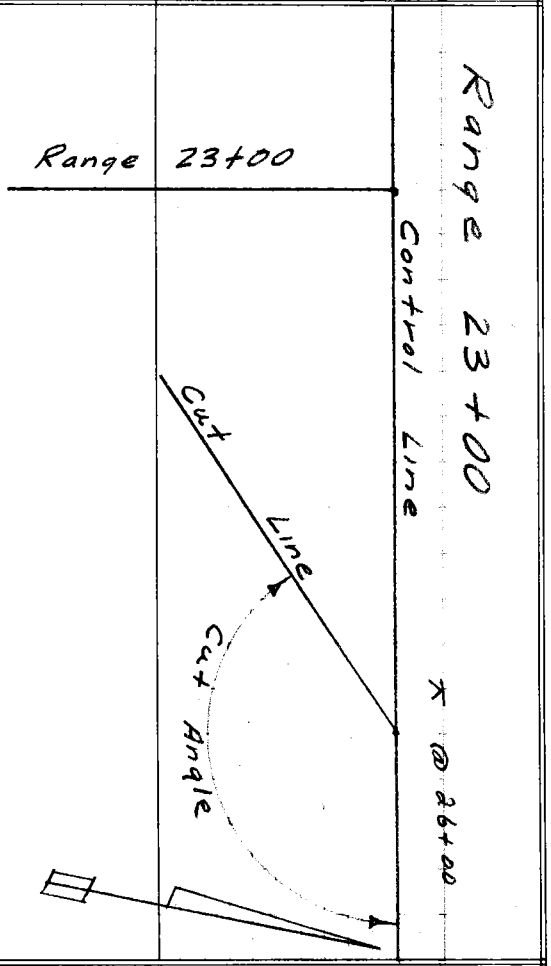
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45 F. B. 2465 PG. 1/3
X-Sec. No. ____ Date ____ Date ____ Survey of M. D. R. Main Channel
Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes ____ Date 6-12-74
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 23+00 | | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 26+00 | 30+00 | 12 02 | 1 | 142 18 |
| | | | 2 | 144 32 |
| | | | 3 | 147 32 |
| | | | 4 | 151 27 |
| | | | 5 | 156 12 |
| | | | 6 | 161 16 |
| | | | 7 | 167 26 |
| | | | 8 | 172 09 |
| | | 12 03 | 9 | 174 44 |



76-L-298 CE 307 8-70

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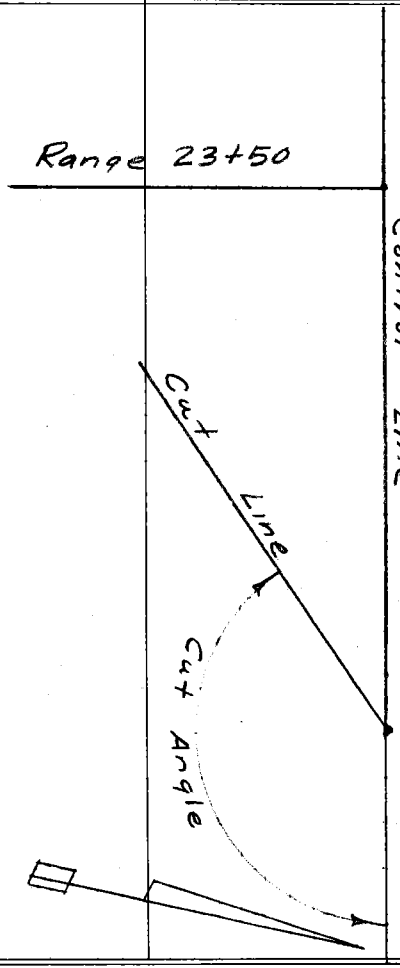
NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | | 23+50 | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 26+00 | 30+00 | 12:12 | 1 | 126 10 |
| | | | 2 | 130 12 |
| | | | 3 | 137 48 |
| | | | 4 | 143 34 |
| | | | 5 | 147 34 |
| | | | 6 | 153 35 |
| | | | 7 | 160 34 |
| | | | 8 | 164 30 |
| | | 12:14 | 9 | 169 12 |




Profile Notes Red Plotted Job No. 0737.49 Division No. 45 F. B. 2465 Pg. 115
No. Date Date Survey of M. D. R. Main Channel
X-Sec. Notes Chk'd. Checked Survey by E. LANDA Notes Date 6-12-79
No. Date Date Map No. Indexed Date

76-L-298 CE 307 8-70

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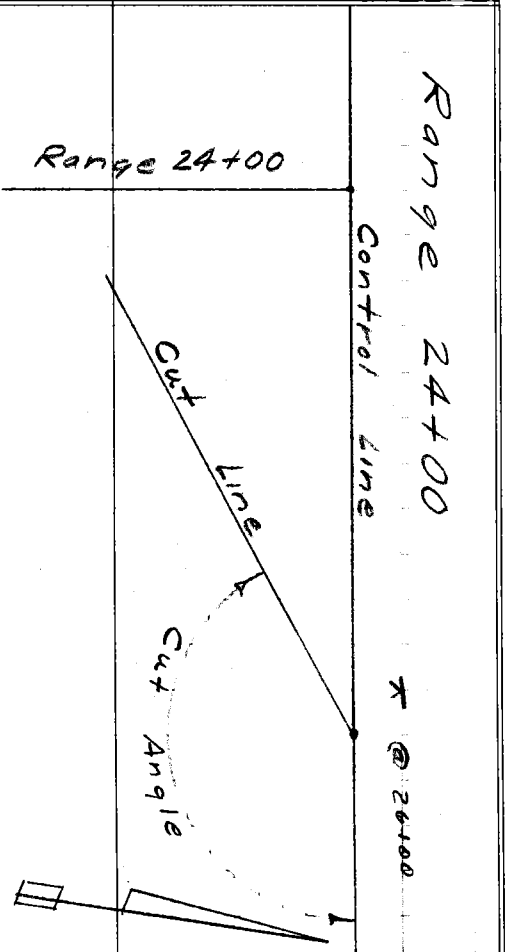
**Do not extend notes this side of this line.**

Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 117
No. ____ Date ____ Date ____ Survey of W. D. R. Main Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes ____ Date 6-16-69
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 24+00 | | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 26+00 | 30+00 | 12:20 | 1 | 121 15 |
| | | | 2 | 124 50 |
| | | | 3 | 129 38 |
| | | | 4 | 135 48 |
| | | | 5 | 144 01 |
| | | | 6 | 156 15 |
| | | | 7 | 161 24 |
| | | 12:22 | 8 | 167 23 |



76-L-298 CE 307 8-70

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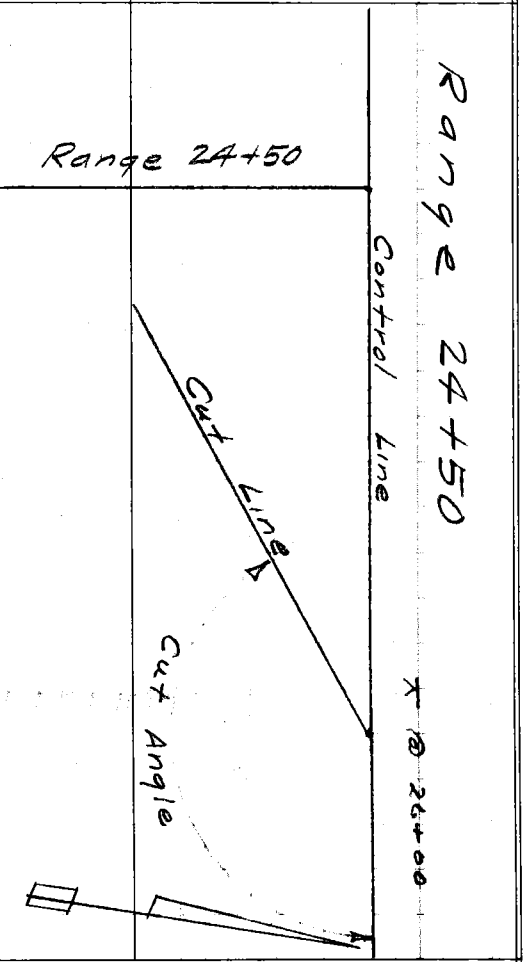
Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 119
No. ____ Date ____ Date ____ Survey of M. D. R. Main Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes ____ Date 6-12-71
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 24+50 | | | |
| Inst. @ | Sight on | Time | Angle # | Deg. Min. |
| 26+00 | 30+00 | 12:15 | 1 | 116 03 |
| | | | 2 | 121 04 |
| | | | 3 | 129 24 |
| | | | 4 | 136 15 |
| | | | 5 | 150 15 |
| | | 12:27 | 6 | 162 40 |



76-L-298 CE 307 8-70

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NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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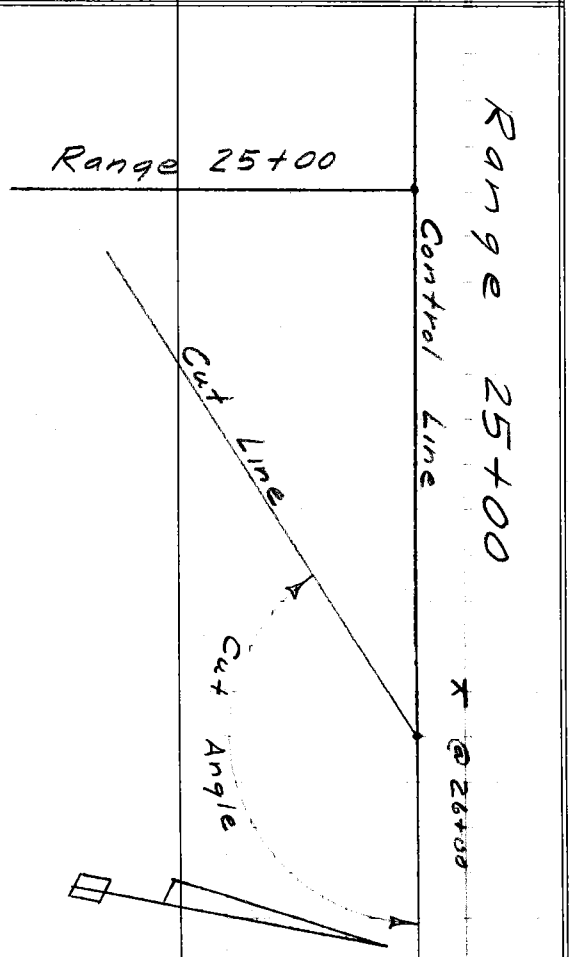
Profile Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 5 F.B. 2465 Pg. 121
No. ____ Date ____ Date ____ Survey of M.D.R. Main Channel
X-Sec. Notes Chk'd. ____ Checked ____ Survey by E. LANDA Notes ____ Date 6-11-71
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

| STATION | B. S. | H. I. | F. S. | ELEV. |
|---|---|---|---|---|
| Range | 25+00 | | | |
| Inst. @ | Sighton | Time | Angle # | Deg. Min. |
| 26+00 | 30+00 | 12:33 | 1 | 104 36" |
| | | | 2 | 110 03 |
| | | | 3 | 110 44 |
| | | | 4 | 112 05 |
| | | | 5 | 114 05 |
| | | | 6 | 118 09 |
| | | | 7 | 123 48 |
| | | | 8 | 135 35 |
| | | | 9 | 148 40 |
| | | 12:36 | 10 | 157 18 |



| | | | | | |
|---|---|---|---|---|---|
| Profile No. | Notes Red | Plotted | Job No. 0739.49 | Division No. 45 | F. B. 2465 Pg. 123 |
| | Date | Date | Survey of main chn Marina Del Rey | | |
| X-Sec. No. | Notes Chk'd. | Checked | Survey by EL | Notes W.M. | Date 6-13-79 |
| | Date | Date | Map No. | Indexed | Date |

MARINA DEL REY

J.N. 0739.49

MAIN CHN HYDRO. SURVEY

ELEV. SHOTS AT INTER. OF

ROCK & SAND

FROM 12+00 TO 25+00

ELEV. Ref. FB 3456-198

F. S. pty. Linda moodyman caro

H. I.

B. S.

STATION

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

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**Do not extend notes this side of this line.**

F. B. 2465 PG. 129 | Job No. | Division No. | Notes Red | Plotted | Profile
Survey of | Notes | Date | Date | No.
Survey by | Notes | Notes Chk'd. | Checked | X-Sec.
Indexed | Date | Date | Date | No.

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| | | | | | Right or | |
| 12+00 | | | | 15 64 | F.B 3456-198 "P.K" & Tin Elev 15.64 | |
| | 0.63 | 16 27 | | | | |
| 12+00 | | | 18 1 | -1 8 | 25' Rocks | |
| | | | 21 6 | -5 3 | 36' Intersection Rock & Sand | |
| 12+50 | | | 16 8 | -0 5 | 26' Rocks | |
| | | | 19 8 | -3 5 | 38' Intersection Rock & Sand | |
| 13+00 | | | 19 4 | -3 1 | 25' Rocks | |
| | | | 18 1 | -1 8 | 32' Intersection Rock & Sand | |
| 13+50 | | | 17 3 | -1 0 | 28' " | " " |
| 14+00 T.P. | | | 0.73 | 15 54 | Turning Point | |
| 14+00 | 0 55 | 16 09 | | | | |
| 14+00 | | | 17 7 | -1 6 | 27' Intersection Rock & Sand | |
| 14+50 | | | 17 5 | -1 4 | 30' " | " " |
| 15+00 | | | 18 0 | -1 9 | 26' " | " " |
| 15+50 | | | 17 6 | -1 5 | 25' " | " " |
| 16+00 | | | 16 9 | -0 8 | 26 " | " " |
| 16+50 | | | 16 6 | -0 5 | 28 " | " " |
| 17+00 | | | 16 7 | -0 6 | 29 " | " " |
| 17+50 TP | | | 9 78 | 6.31 | Turning Pt | |

76-L-298 CE 307 8-70

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**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. | North Jetty |
|---|---|---|---|---|---|
| | | | | | Right or South East'ly |
| 17+50 | 4 90 | 11 21 | | | |
| 17+50 | | | 11 0 | 0 2 | 27' Intersection Rock & Sand |
| 18+00 | | | 11 7 | -0 5 | 27' " " " |
| 18+50 | | | 9 5 | 1 7 | 23' Rocks |
| 18+50 | | | 11 0 | 0 2 | 30' Intersection Rock & Sand |
| 19+00 | | | 11 1 | 0 1 | 22' Rocks |
| 19+00 | | | 11 7 | -0 5 | 29' Intersection Rock & Sand |
| 19 50 | | | 11 0 | 0 2 | 24' " " " |
| 20+00 | | | 9 7 | 1 5 | 21' Rocks |
| 20+00 | | | 10 3 | 0 9 | 27' Intersection Rock & Sand |
| 20+50 | | | 10 5 | 0 7 | 24' Rocks |
| 20+50 | | | 11 4 | -0 2 | 30' Intersection Rock & Sand |
| TP | | | 3.30 | 7 91 | Turning Point |
| | 2 52 | 10 43 | | | |
| 21+00 | | | 9 3 | 1 1 | 28' Intersection Rock & Sand |
| 21+50 | | | 9 9 | 0 5 | 28' " " " |
| 22+00 | | | 10 3 | 0 1 | 25' " " " |
| 23+00 | | | 9 8 | 0 6 | 23' " " " |
| 23+50 | | | 9 9 | 0 5 | 25' " " " |

Profile No. ____ Notes Red ____ Plotted ____ Job No. 0739.49 Division No. 45 F. B. 2465 Pg. 125
Date ____ Date ____ Survey of Mara Chi Marina
X-Sec. No. ____ Notes Chk'd. ____ Checked ____ Survey by GL Notes W.M. Date 6-13-79
Date ____ Date ____ Map No. ____ Indexed ____ Date ____

76-L-298 CE 307 8-70

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F. B. 2465 Pg. 126 | Job No. | Division No. | Notes Red | Plotted | Profile
Survey of | Date | Date | No.
Survey by | Notes W. Moodyman | Notes Chk'd. | Checked | X-Sec.
Indexed | Date | Date | Date | No.

| STATION | B. S. | H. I. | F. S. | ELEV. | | |
|---|---|---|---|---|---|---|
| | | 10 43 | | | Right or SouthEast'ly | |
| 24+00 | | | 8 5 | 1 9 | 26' Intersection Rock & Sand | |
| TP | | | 0 05 | 10 38 | Turning Point | |
| | 5 20 | 15 58 | | | | |
| 24+50 | | | 14 3 | 1 3 | 27' Intersection Rock & Sand | |
| 25+00 | | | 13 9 | 1 7 | 25' " | " " |
| 25+00 | | | 0 47 | 15 11 | Spk & Tin Elev 15.12 | |
| | | | | | FB 3456 - 197 | |

Profile No. ____ Notes Red ____ Date ____ Plotted ____ Date ____ Job No. 0739 49 Division No. ____ Survey of Marina Del Rey Main Channel

X-Sec. No. ____ Notes Chk'd. ____ Date ____ Checked ____ Date ____ Survey by E. Landa Notes W.M. Date 6-15-79 Map No. ____ Indexed ____ Date ____

F. B. 2465 PG. 127

J.N. 0739.49

Marina Del Rey Main Channel

ELEV. SHOTS ALONG 50.' OFFSET LINE PARALLEL TO CONTROL LINE

from

Station 12+00

to

Station 25+00

| STATION | B.S. | H.I. | F.S. | ELEV. |
|---|---|---|---|---|
| | | E. Landa<br>W. Moodyman<br>A. Caro | M.L.L.W. = Datum | REF. FB. 3456 - 197, 198 |

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
403 Los Angeles County Engineering Bldg.

76-L-298 CE 307 8-70

76-L-298 CE 307 8-70

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| STATION | B. S. | H. I. | F. S. | ELEV. | Marina Del Rey | Main Channel |
|---|---|---|---|---|---|---|
| T.P 12+00 | 0 22 | 15 86 | | 15 64 | T.P. 12+00 Pk & T | Per FB 3456-198 |
| TP | 5 94 | 9 88 | 11 92 | 3 94 | | |
| | | | | | Right or South Easterly | |
| 12+00 | | | 16 5 | -6 6 | 44' Sand | |
| | | | 22 5 | -12 6 | 50' Sand | |
| 12+50 | | | 19 8 | -9 9 | 50' Sand | |
| 13+00 | | | 16 6 | -6 7 | 50' Sand | |
| 13+50 | | | 13 3 | -3 4 | 50' Sand | |
| 14+00 | | | 11 5 | -1 6 | 50' Sand | |
| 14+50 | | | 11 7 | -1 8 | 50' Sand | |
| P | 8 85 | 10 81 | 7 92 | 1 96 | TP Top Boulder | |
| 15+00 | | | 19 0 | -8 2 | 50' Sand | |
| 15+50 | | | 16 3 | -5 5 | 50' Sand | |
| 16+00 | | | 12 5 | -1 7 | 50' Sand | |
| 16+50 | | | 13 0 | -2 2 | 50' Sand | |
| 17+00 | | | 13 7 | -2 9 | 50' Sand | |
| 17+50 | | | 12 5 | -1 7 | 50' Sand | |

F. B. 2465 PG. 128 Job No. 0739 49 Division No. Notes Red Plotted Profile
Survey of Marina Del Rey Main Channel Date Date No.
Survey by E. L. Notes W. Moodyman Notes Chk'd. Checked X-Sec.
Indexed Date Date No.

76-L-298 CE 307 8-70

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403 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

Profile No.____ Notes Red____ Plotted____ Job No. 07381 Division No. 19
X-Sec. No.____ Date____ Date____ Survey of Marina Del Rey Main Channel F. B. 2965 Pg. 122
Notes Chk'd.____ Checked____ Survey by E. Landa Notes W.M. Date 6-15-79
No.____ Date____ Date____ Map No.____ Indexed____ Date____

Marina Del Rey Main Channel

Right or South Easterly

| STATION | B. S. | H. I. | F. S. | ELEV. | |
|---|---|---|---|---|---|
| 18+00 | | | 12 1 | -1 3 | 50' Sand |
| 18+50 | | | 12 1 | -1 3 | 50' Sand |
| 19+00 | | | 11 8 | -1 0 | 50' Sand |
| TP | 6 90 | 9 01 | 8 70 | 2 11 | TP. Top Boulder |
| 19+50 | | | 9 6 | -0 6 | 50' Sand |
| 20+00 | | | 14 4 | -5 4 | 50' Sand |
| 50 | | | 12 6 | -3 6 | 50' Sand |
| 21+00 | | | 11 4 | -2 4 | 50' Sand |
| 21+50 | | | 12 9 | -3 9 | 50' Sand |
| 22+00 | | | 16 5 | -7 5 | 50' Sand |
| 22+50 | | | 14 2 | -5 2 | 50' Sand |
| 23+00 | | | 15 3 | -6 3 | 50' Sand |
| 23+50 | | | 8 9 | 0 1 | 50' Sand |
| 24+00 | | | 8 0 | 1 0 | 50' Sand |
| 24+50 | | | 8 2 | 0 8 | 50' Sand |
| 25+00 | | | 8 2 | 0 8 | 50' Sand |
| TP | 14 42 | 20 05 | 3 38 | 5 63 | |
| 25+00 | | | 4 92 | 15 13 | "PK" spk & Tin. FB 3456 - 197 Elev 15.12 |