

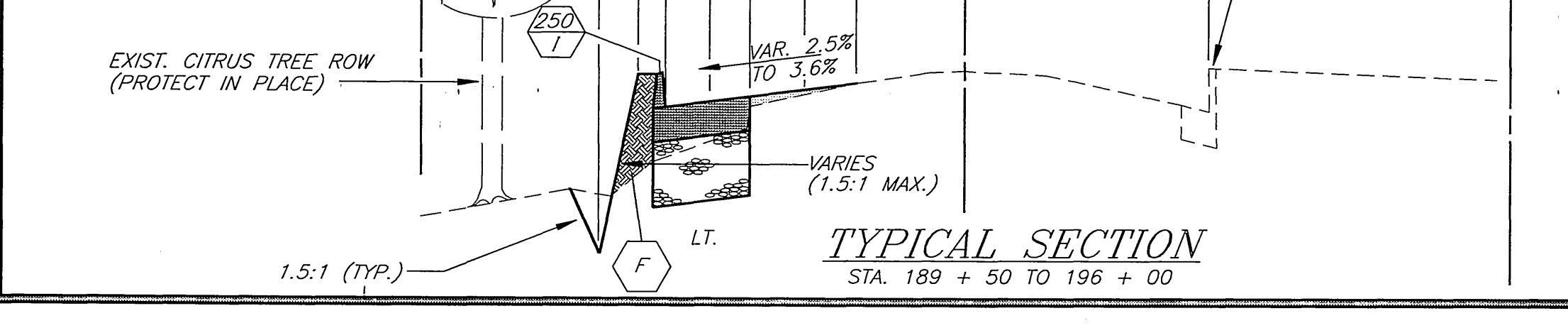
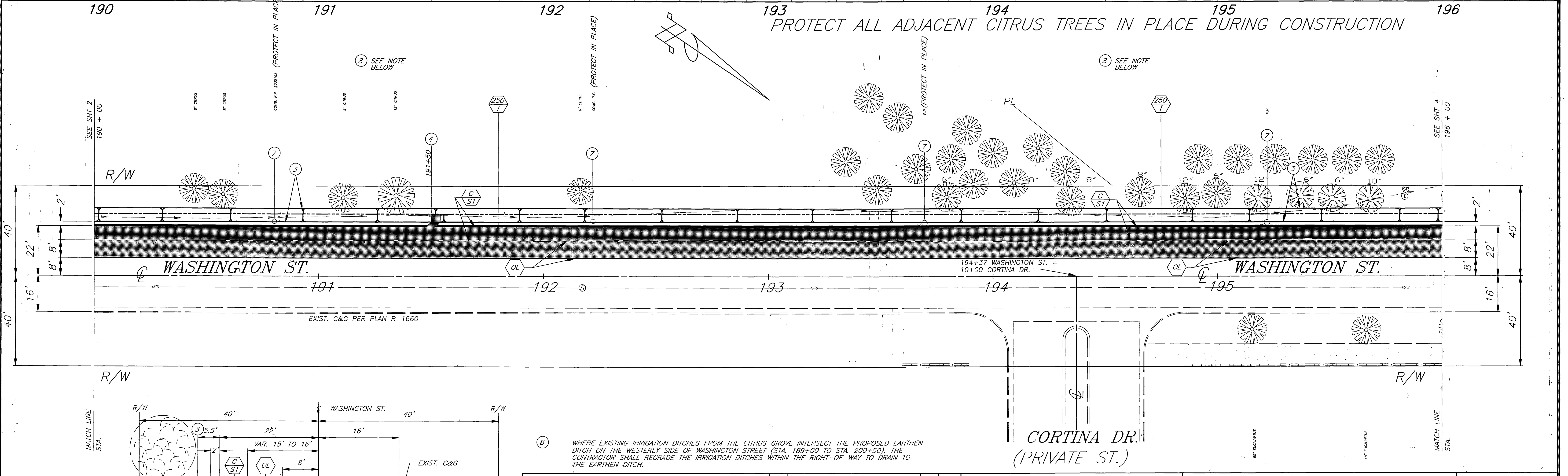
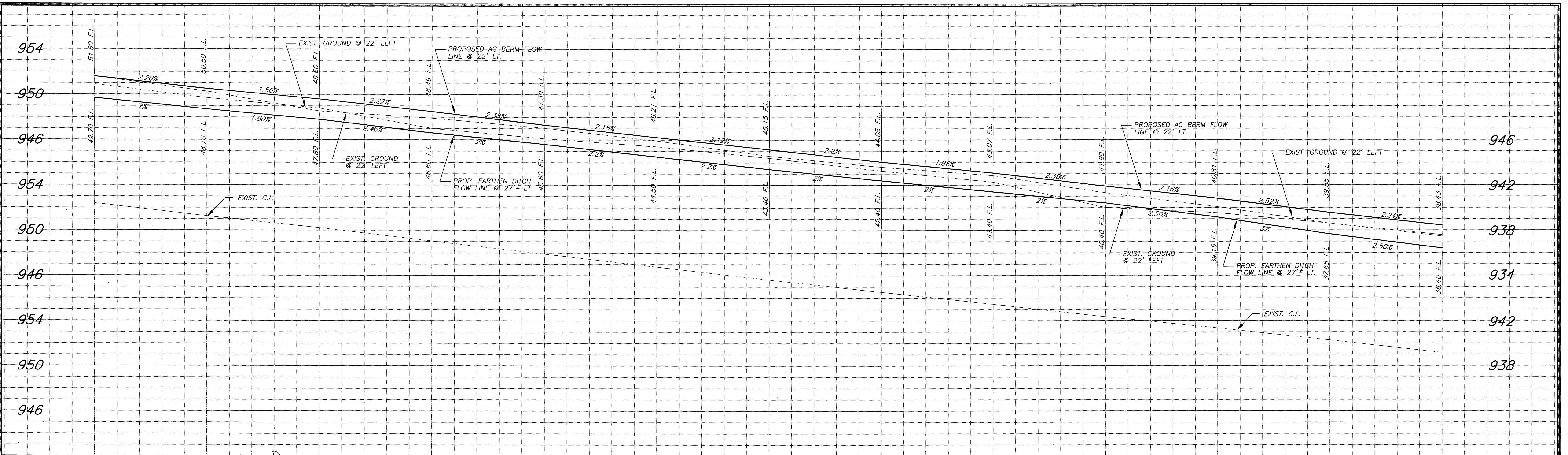
ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
 MICHAEL KATUSIAN
 R.C.E. No. 36686 expires 6/30/00
 DATE 12/10/98



| CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT | | | |
|--|--------------------|----------|--------------------|
| APPROVED BY | BY | DATE | APPROVED BY |
| P.W. ENGINEERING MGR. | <i>[Signature]</i> | 1/1/99 | <i>[Signature]</i> |
| PRINCIPAL ENGINEER | <i>[Signature]</i> | 12/10/98 | <i>[Signature]</i> |
| STREET SERVICES | <i>[Signature]</i> | 12/10/98 | <i>[Signature]</i> |
| SURVEYOR | <i>[Signature]</i> | 12/10/98 | <i>[Signature]</i> |
| TRAFFIC DIVISION | <i>[Signature]</i> | 12/10/98 | <i>[Signature]</i> |
| PARKS DEPARTMENT | <i>[Signature]</i> | 12/10/98 | <i>[Signature]</i> |
| DESIGNED BY | CS | DRAWN BY | LPM |
| NOTES ADDED BY PUW DIV. | | DATE | 3/10/99 |

WASHINGTON ST. / VICTORIA AVE.
 IMPROVEMENTS
 WASHINGTON ST. - MOONSTONE TO GOODVIEW
 VICTORIA AVE. - 500' W'LY TO 300' E'LY
 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

ACCT. NO. 230-541500-440223-30160
R-3504
 SHEET 2 OF 7
 FILE NO.



(B) WHERE EXISTING IRRIGATION DITCHES FROM THE CITRUS GROVE INTERSECT THE PROPOSED EARTHEN DITCH ON THE WESTERLY SIDE OF WASHINGTON STREET (STA. 189+00 TO STA. 200+50), THE CONTRACTOR SHALL REGRADE THE IRRIGATION DITCHES WITHIN THE RIGHT-OF-WAY TO DRAIN TO THE EARTHEN DITCH.

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
 MICHAEL KATUSIAN
 R.C.E. No. 36686 expires 6/30/00
 DATE 12/10/99

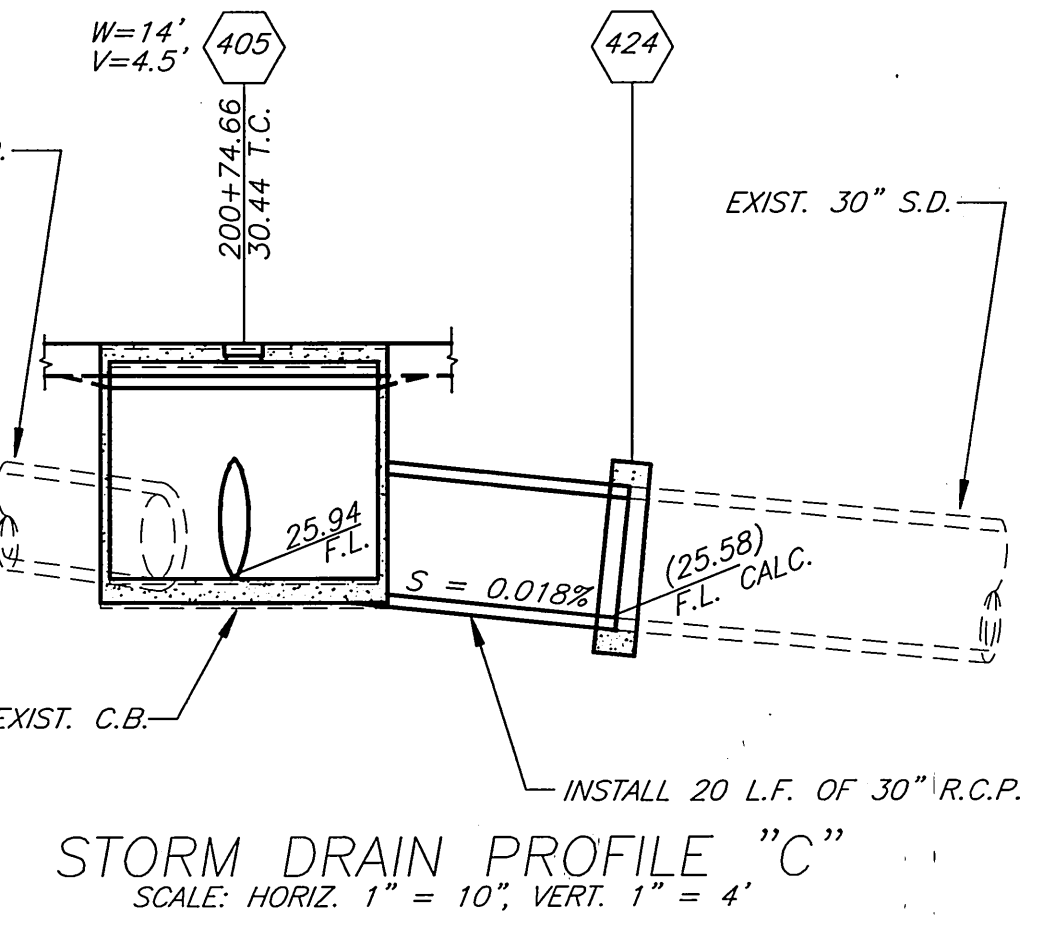
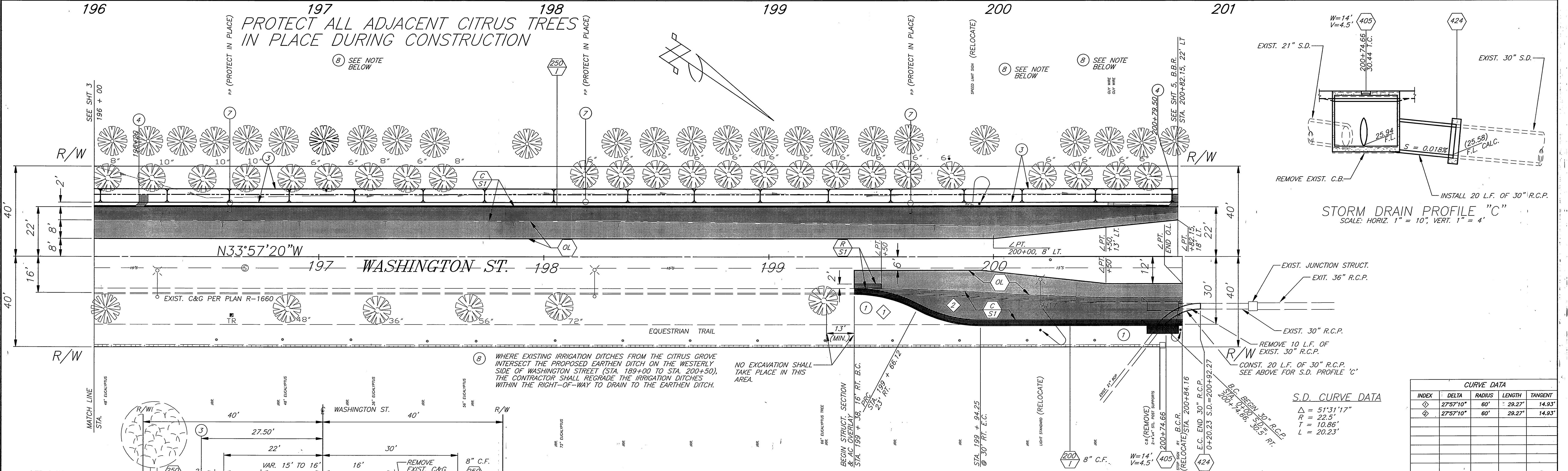
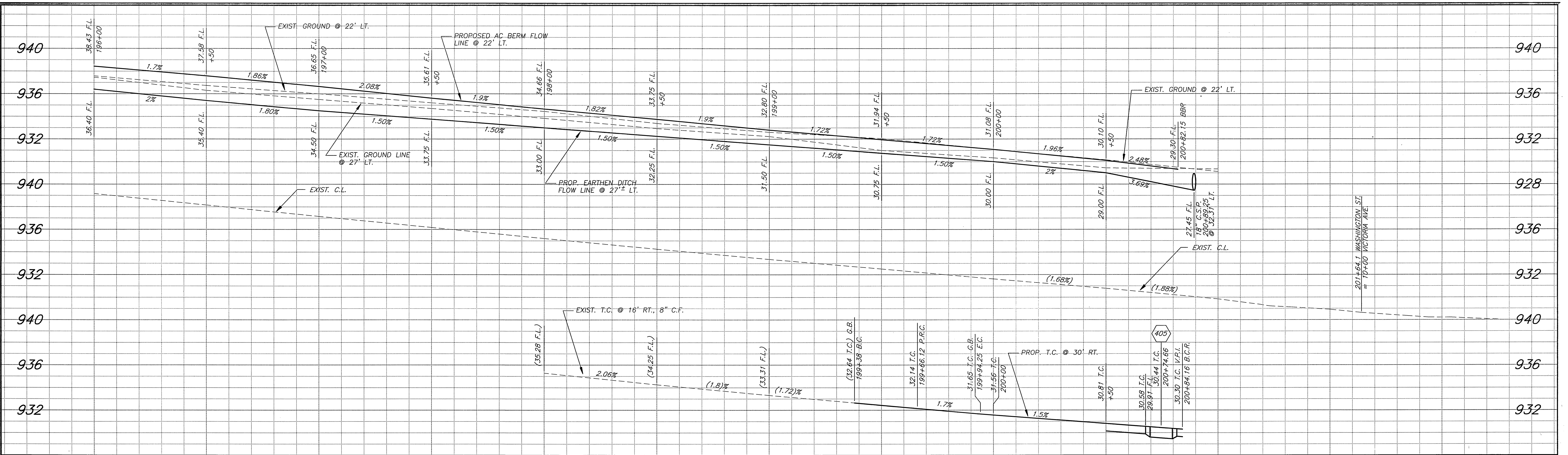


| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
| | | | |
| | | | |
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| CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT | | | |
|--|-----------|----------|-----------------------|
| APPROVED BY | BY | DATE | APPROVED BY |
| P.W. ENGINEERING MGR. | <i>RM</i> | 1/1/99 | <i>R. Mc Bratt</i> |
| PRINCIPAL ENGINEER | <i>SL</i> | 12/10/99 | PUBLIC WORKS DIRECTOR |
| STREET SERVICES | <i>SL</i> | 12/10/99 | |
| SURVEYOR | <i>SL</i> | 12/10/99 | |
| TRAFFIC DIVISION | <i>SL</i> | 12/10/99 | |
| PARKS DEPARTMENT | <i>SL</i> | 12/10/99 | |
| DESIGNED BY | CS | DRAWN BY | LFH |
| CHECKED BY | | | |

WASHINGTON ST. / VICTORIA AVE.
 IMPROVEMENTS
 WASHINGTON ST. - MOONSTONE TO GOODVIEW
 VICTORIA AVE. - 500' W'LY TO 300' E'LY
 HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

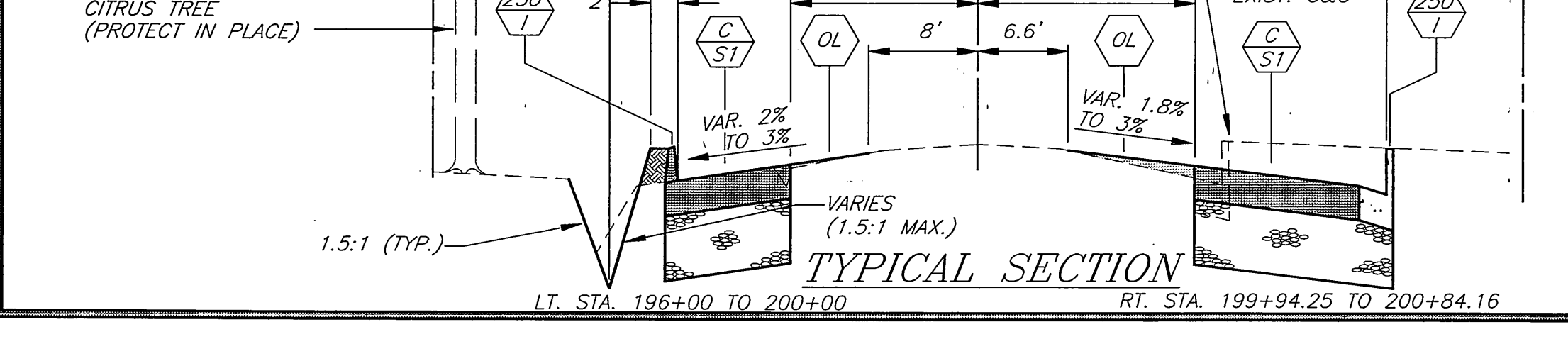
ACCT. NO. 230-541500-440223-30160
R-3504
 SHEET 3 OF 7
 FILE NO.



S.D. CURVE DATA

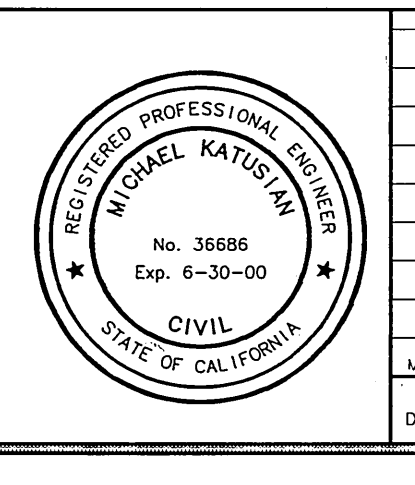
Δ = 51°31'17"
 R = 22.5'
 T = 10.86'
 L = 20.23'

| CURVE DATA | | | | |
|------------|-----------|--------|--------|---------|
| INDEX | DELTA | RADIUS | LENGTH | TANGENT |
| ◇ | 27°57'10" | 60' | 29.27' | 14.93' |
| ◇ | 27°57'10" | 60' | 29.27' | 14.93' |



ENGINEER IN RESPONSIBLE CHARGE

Michael Katusian
 MICHAEL KATUSIAN
 R.C.E. No. 36686 expires 6/30/00
 DATE 12/10/99



| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
| CS | | | |
| LFH | | | |

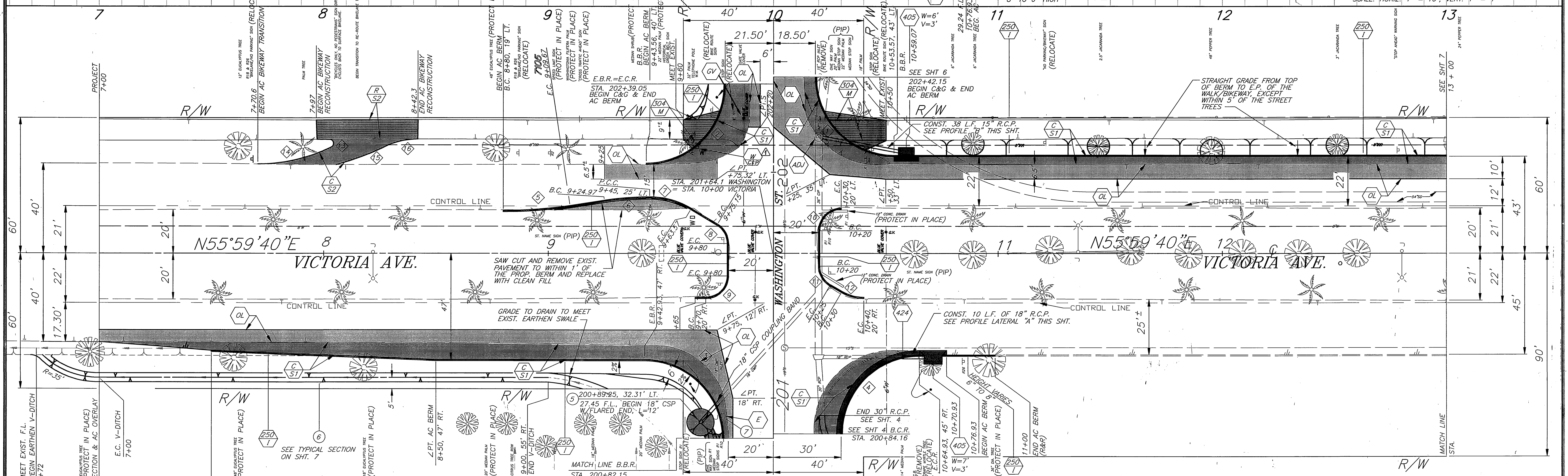
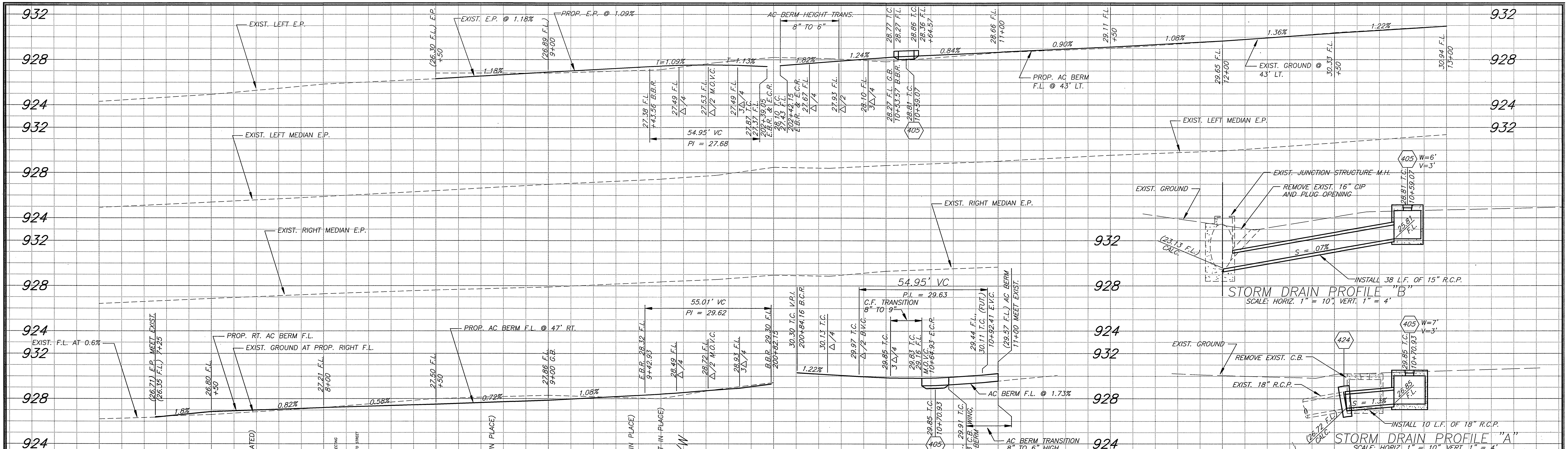
**CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT**

APPROVED BY: *R. Mc Bratt*
 PUBLIC WORKS DIRECTOR
 DATE 1-7-99

**WASHINGTON ST. / VICTORIA AVE.
 IMPROVEMENTS**

WASHINGTON ST. - MOONSTONE TO GOODVIEW
 VICTORIA AVE. - 500' W'LY TO 300' E'LY

ACCT. NO. 230-541500-440223-30160
R-3504
 SHEET 4 OF 7
 FILE NO.



| CURVE DATA | | | | CURVE DATA | | | |
|------------|--------|--------|---------|------------|--------|--------|---------|
| DELTA | RADIUS | LENGTH | TANGENT | DELTA | RADIUS | LENGTH | TANGENT |
| 90°03'00" | 35' | 55.01' | 35.03' | 89°57'00" | 10' | 15.70' | 9.99' |
| 89°57'00" | 35' | 54.85' | 34.97' | 60°00'00" | 10' | 10.47' | 5.77' |
| 90°03'00" | 35' | 55.01' | 35.03' | 30°00'00" | 20' | 10.47' | 5.35' |
| 89°57'00" | 35' | 54.85' | 34.97' | 120°59'07" | 1.75' | 3.70' | 3.08' |
| 8°31'51" | 200' | 29.78' | 14.92' | 25°49'34" | 75' | 33.80' | 17.20' |
| 8°31'51" | 135' | 20.10' | 10.07' | 9°19'41" | 130' | 21.16' | 10.61' |
| 31°02'05" | 35' | 18.96' | 9.72' | 27°49'51" | 35' | 17.00' | 8.67' |
| 59°20'11" | 10' | 10.30' | 5.66' | | | | |
| 90°03'00" | 10' | 15.72' | 10' | | | | |

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
 MICHAEL KATUSIAN
 R.C.E. No. 36686 expires 6/30/00
 DATE 12/10/99

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

APPROVED BY: **R. Mc Grath**
 SURVEYOR
 DATE 1-7-99

WASHINGTON ST. / VICTORIA AVE.
 IMPROVEMENTS

WASHINGTON ST. - MOONSTONE TO GOODVIEW
 VICTORIA AVE. - 500' W'LY TO 300' E'LY

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

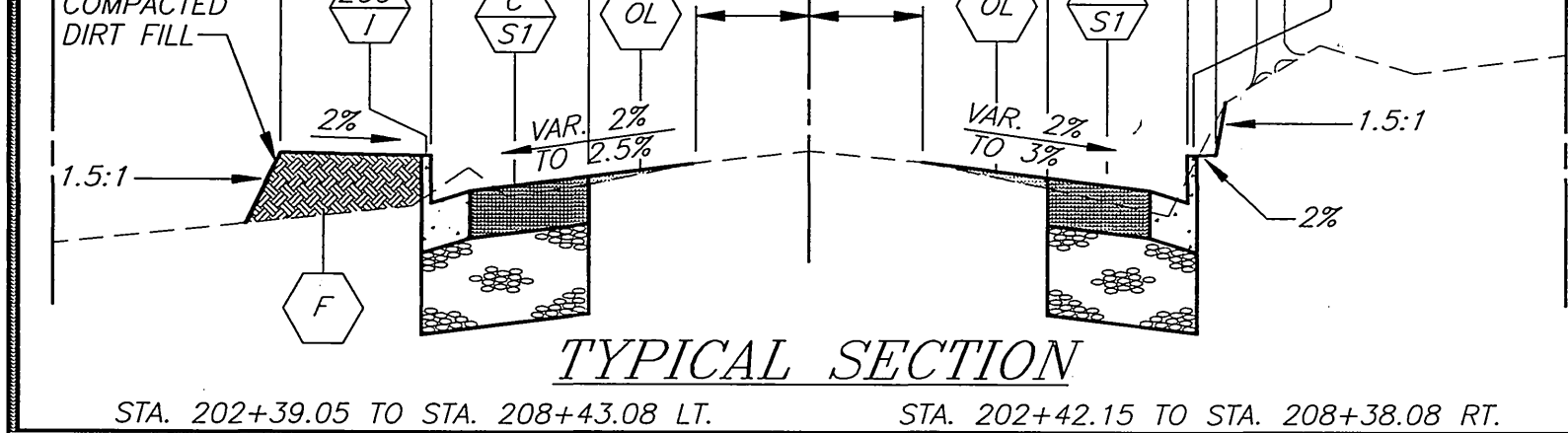
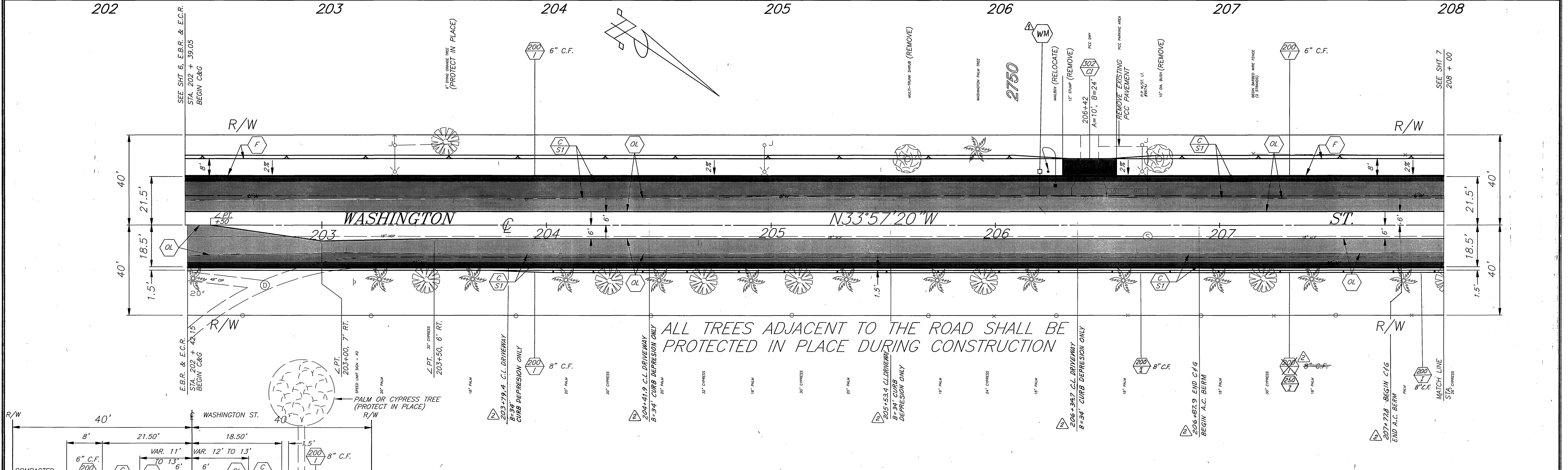
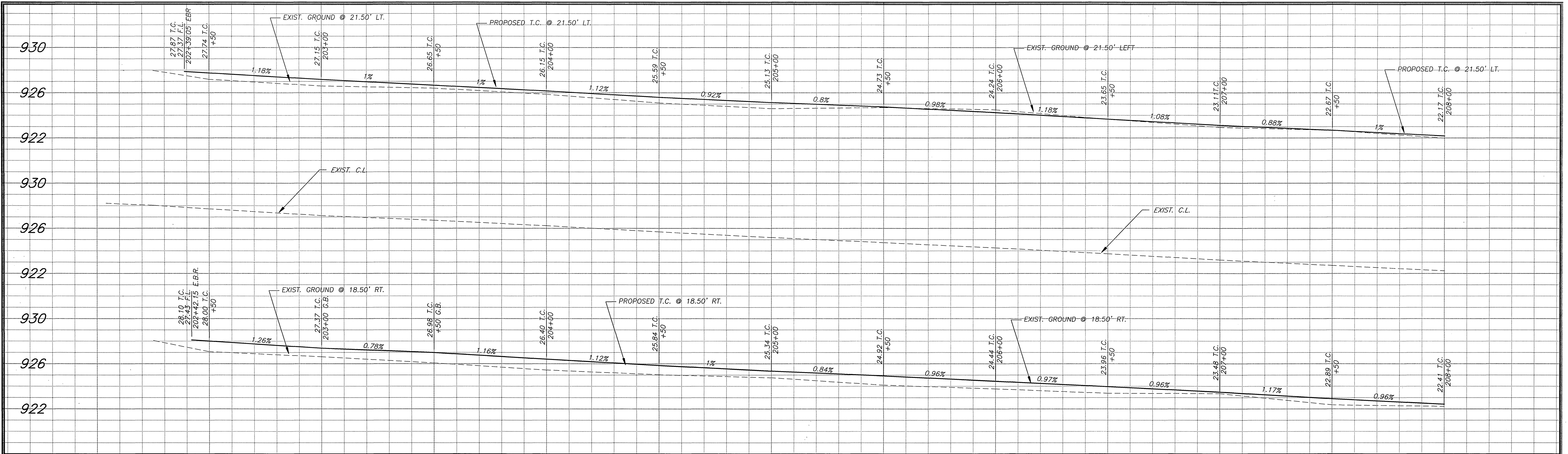
ACCT. NO. 230-541500-440223-30160

R-3504

SHEET 5 OF 7

FILE NO.

INDEXED 7-13-99 LHM



ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
 MICHAEL KATUSIAN
 R.C.E. No. 36686 expires 6/30/00
 DATE 12/14/98

| | | | | | |
|---------------------------------|----|----------|------|------------|--|
| DESIGNED BY | CS | DRAWN BY | LPH | CHECKED BY | |
| REVISIONS | | APPR. | DATE | | |
| MARK | | | | | |
| NOTE ADDED PER PUW DIV. | | | | | |
| Added D/W & Curb/Berm Beginning | | | | | |
| ending Sta. points | | | | | |

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

| | | |
|-----------------------|-----|----------|
| APPROVED BY | BY | DATE |
| P.W. ENGINEERING MGR. | DRB | 1/7/99 |
| PRINCIPAL ENGINEER | DRB | 12/14/98 |
| STREET SERVICES | DRB | 12/14/98 |
| SURVEYOR | DRB | 12/14/98 |
| TRAFFIC DIVISION | DRB | 12/14/98 |
| PARKS DEPARTMENT | DRB | 12/14/98 |

APPROVED BY
R. M. Smith
 PUBLIC WORKS DIRECTOR
 DATE 1-7-99

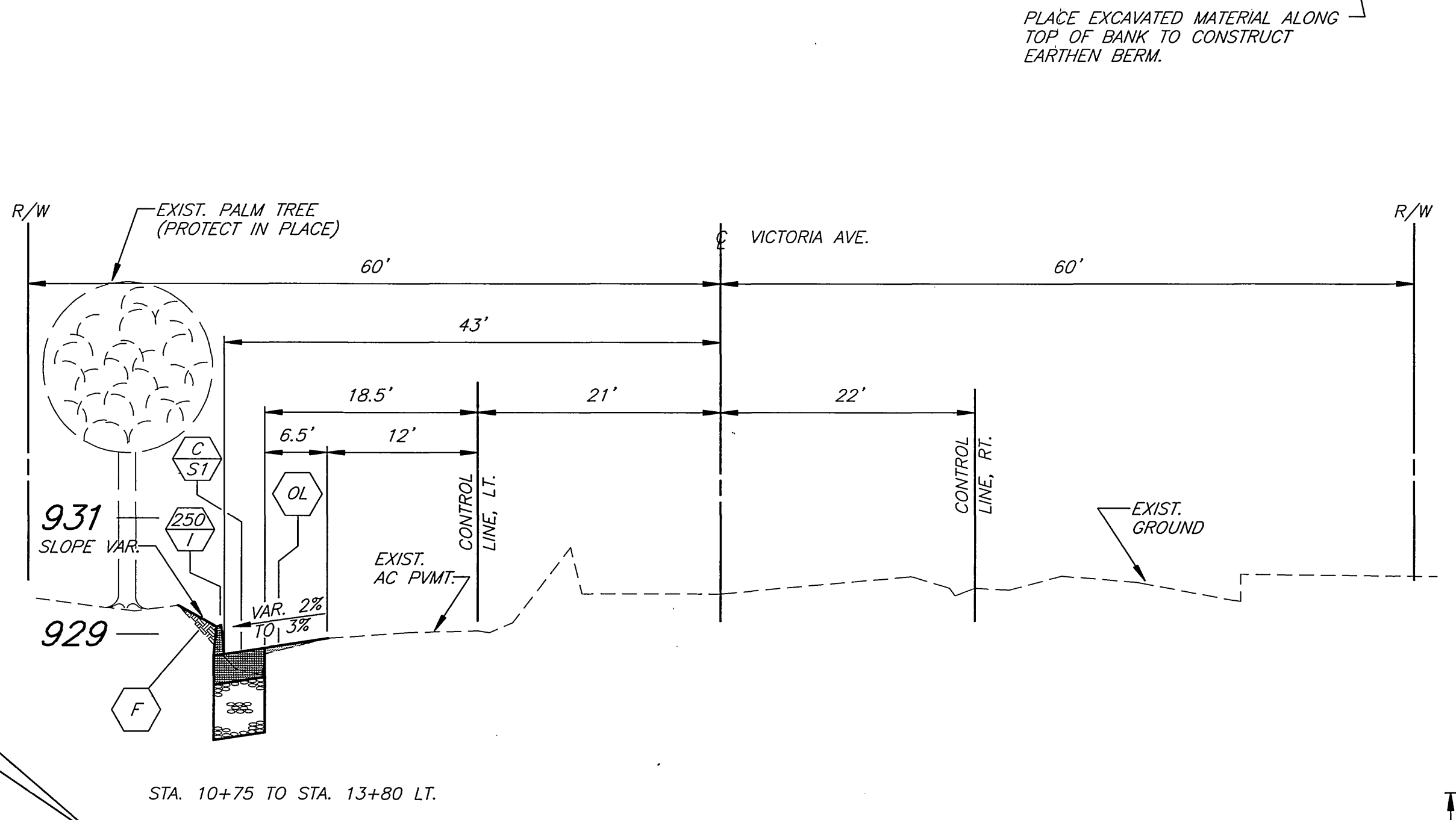
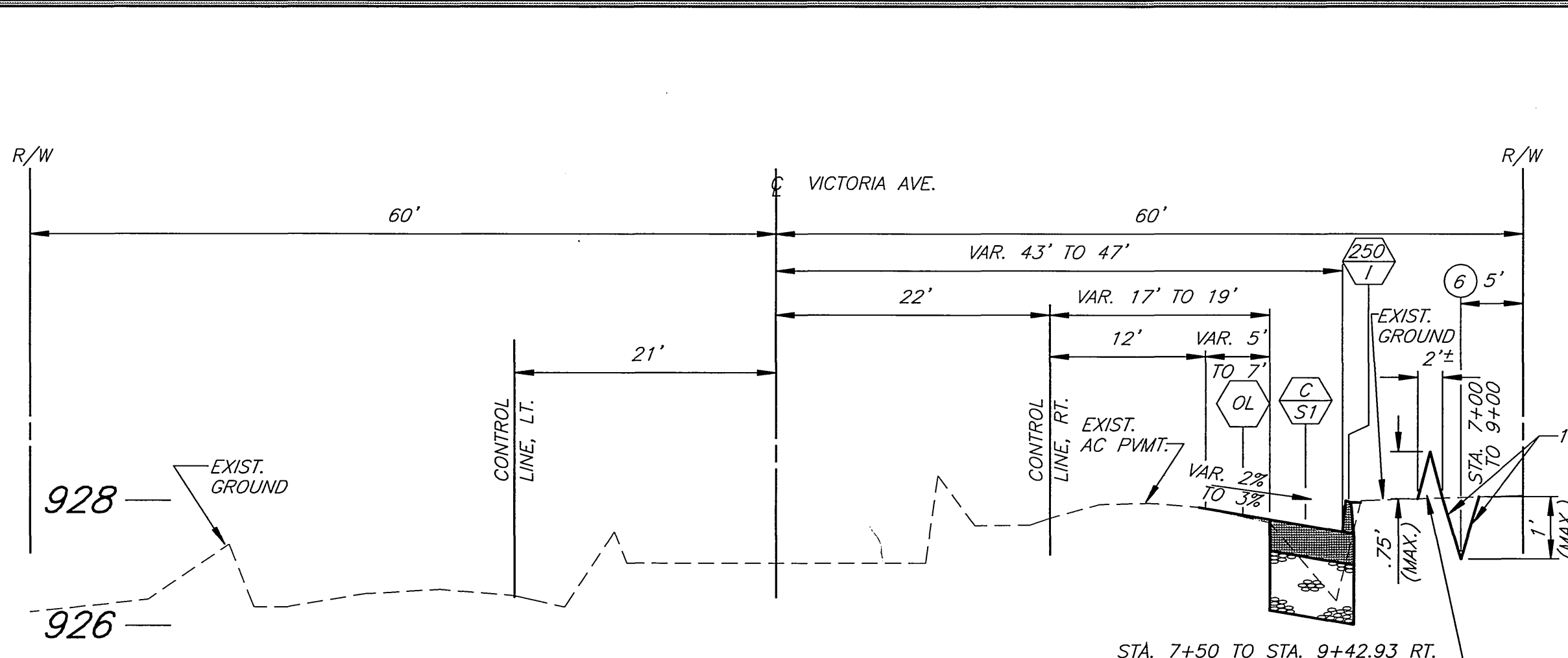
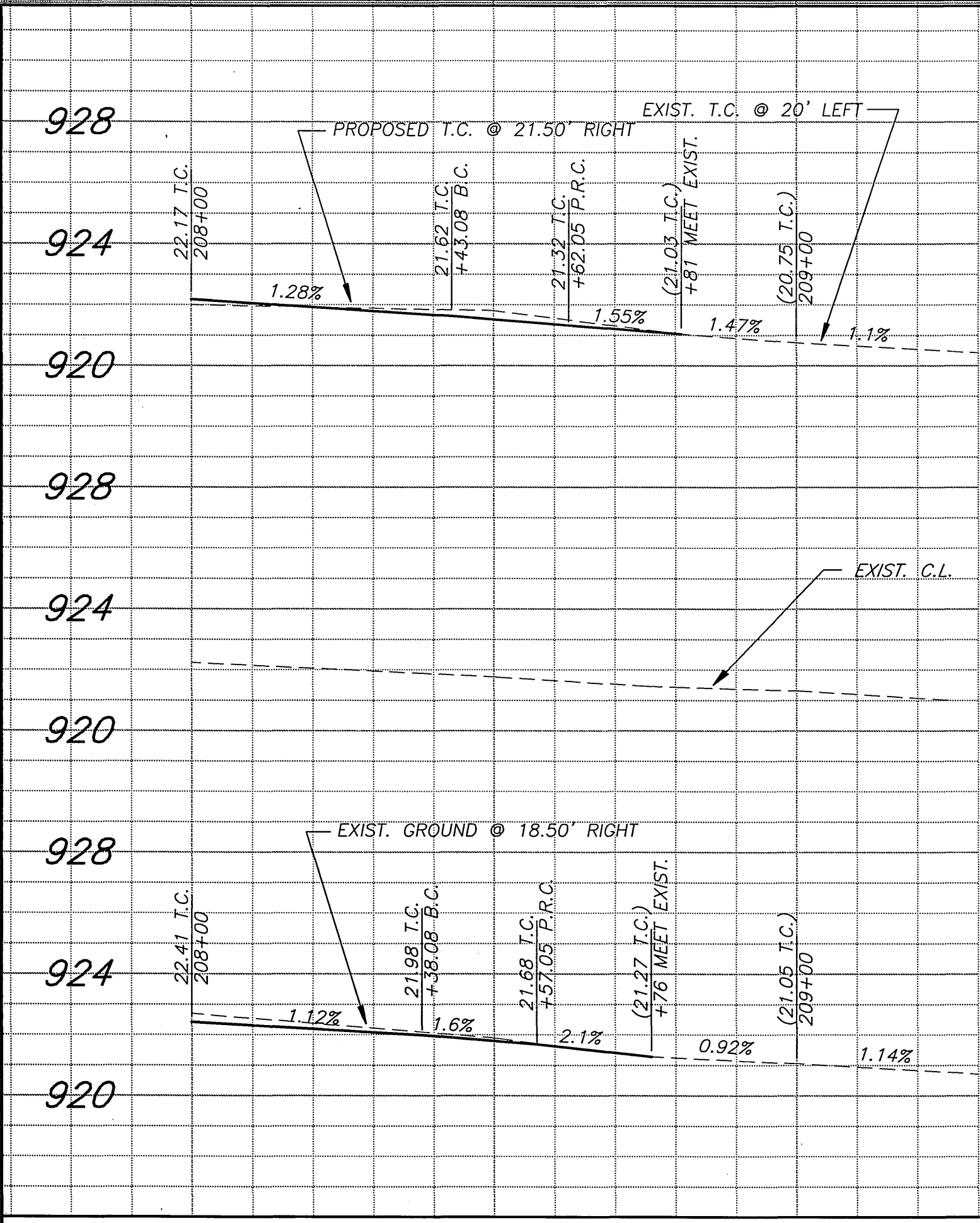
WASHINGTON ST. / VICTORIA AVE.
 IMPROVEMENTS

WASHINGTON ST. - MOONSTONE TO GOODVIEW
 VICTORIA AVE. - 500' W'LY TO 300' E'LY

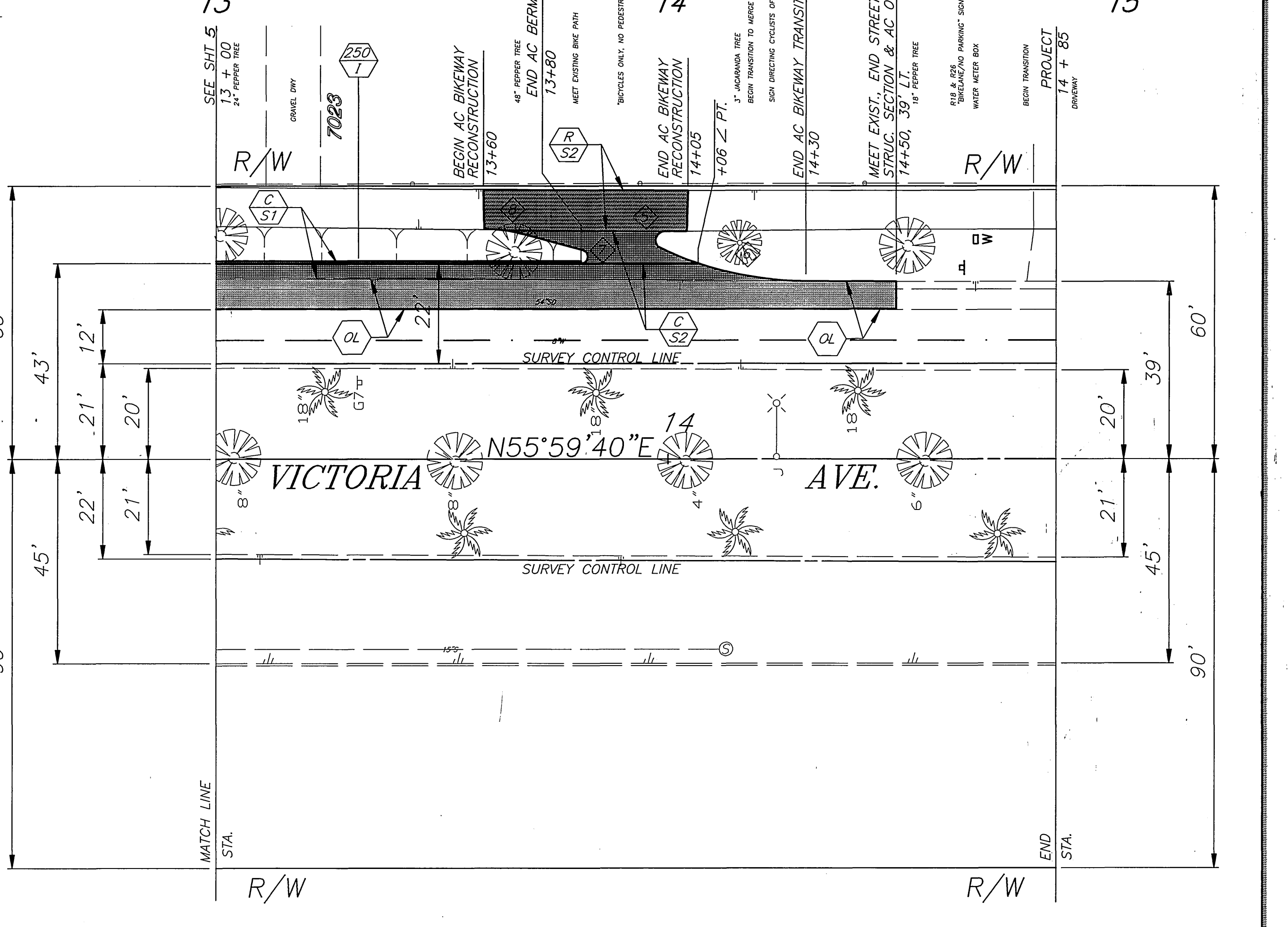
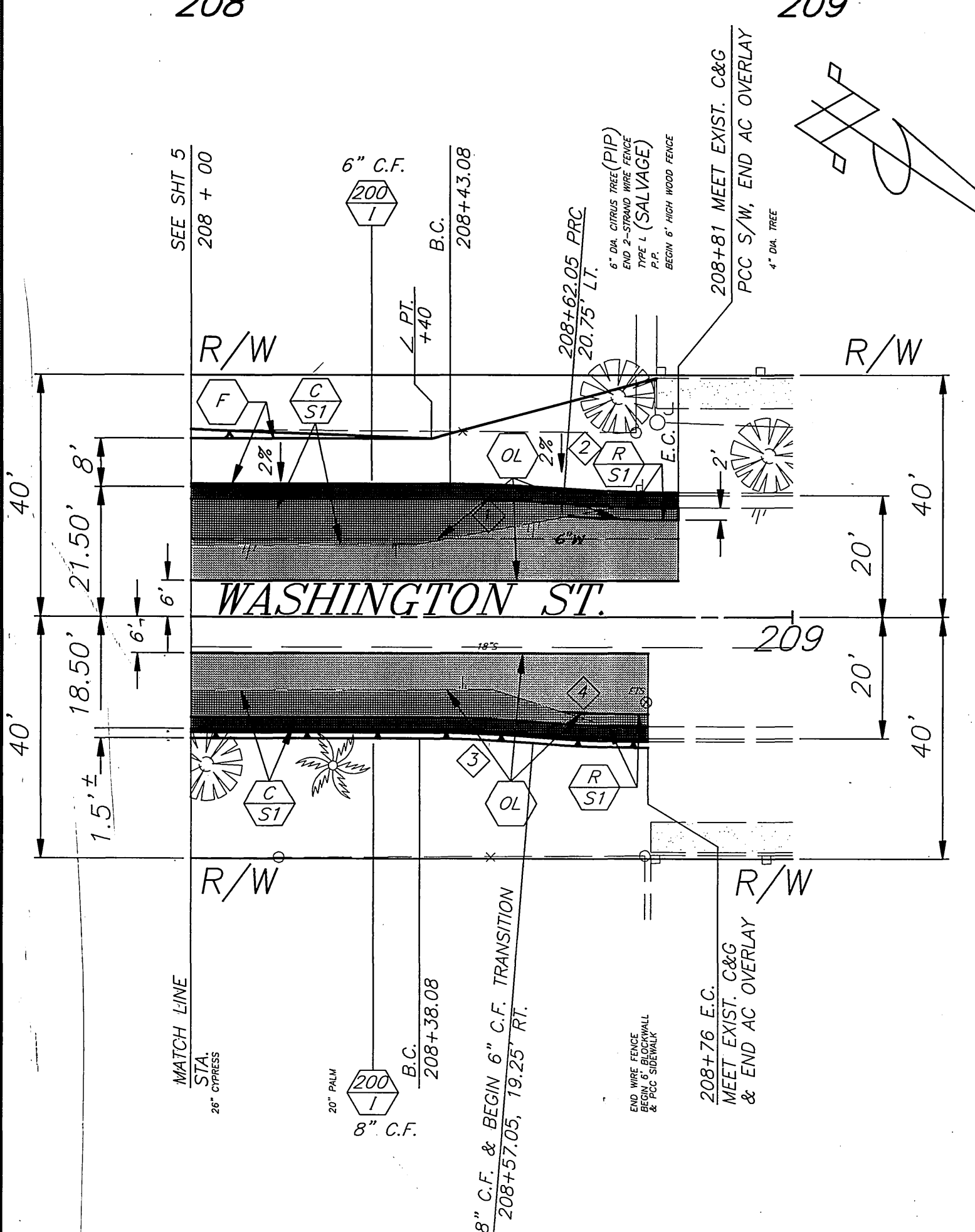
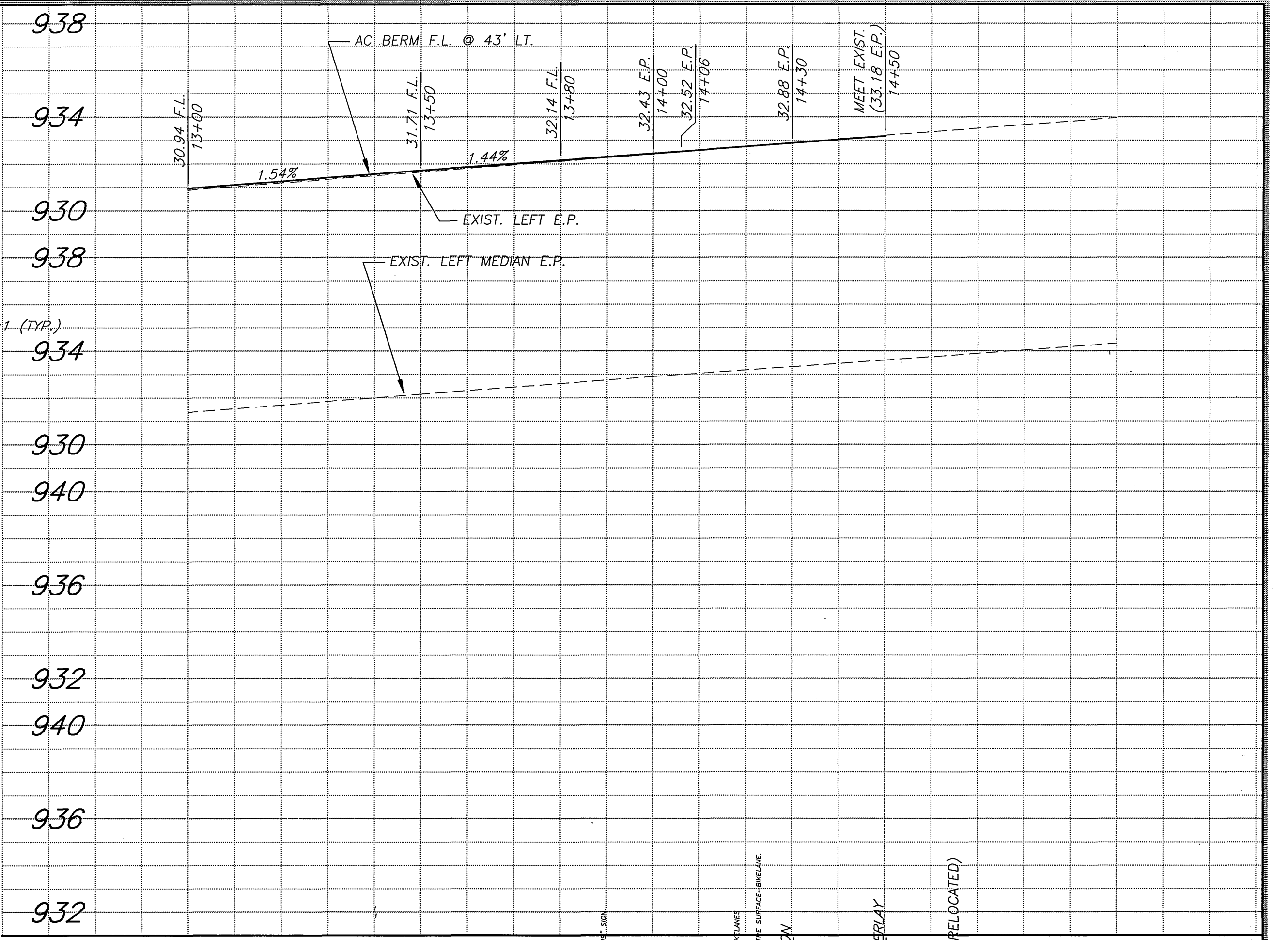
HORIZ. SCALE: 1" = 20'
 VERT. SCALE: 1" = 4'

ACCT. NO. 230-541500-440223-30160
R-3504
 SHEET 6 OF 7
 FILE NO.

INDEXED 7-13-99 LPH



TYPICAL VICTORIA AVE. SECTIONS
N.T.S.



| DELTA | RADIUS | LENGTH | TANGENT |
|------------|--------|--------|---------|
| 4°31'51" | 240' | 18.98' | 9.49' |
| 4°31'51" | 240' | 18.98' | 9.49' |
| 4°31'51" | 240' | 18.98' | 9.49' |
| 4°31'51" | 240' | 18.98' | 9.49' |
| 4°31'51" | 240' | 18.98' | 9.49' |
| 134°25'37" | 2' | 4.69' | 4.76' |
| 25°49'34" | 75' | 33.80' | 17.20' |
| 165°04'56" | 1.5' | 4.32' | 11.46' |
| 14°41'19" | 35' | 8.97' | 4.51' |

END 8" C.F. & BEGIN 6" C.F. TRANSITION
P.R.C. 208+57.05, 19.25' RT.

208+76 E.C.
MEET EXIST. C&G
& END AC OVERLAY

ENGINEER IN RESPONSIBLE CHARGE
Michael Katusian
MICHAEL KATUSIAN
R.C.E. No. 36586 expires 6/30/00
DATE 12/10/99



| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
| | | | |

DESIGNED BY CS DRAWN BY LFM CHECKED BY

| CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT | | | |
|--|-----|---------|--------------------------------------|
| APPROVED BY | BY | DATE | APPROVED BY |
| P.W. ENGINEERING MGR. | JTB | 1/7/99 | |
| PRINCIPAL ENGINEER | AS | 1/12/99 | |
| STREET SERVICES | AS | 2/1/99 | |
| SURVEYOR | AS | 2/1/99 | |
| TRAFFIC DIVISION | AS | 2/1/99 | |
| PARKS DEPARTMENT | AS | 1/1/99 | |
| | | | R. M. Smith PUBLIC WORKS DIRECTOR |
| | | | DATE 1-7-99 |

WASHINGTON ST. / VICTORIA AVE.
IMPROVEMENTS
WASHINGTON ST. - MOONSTONE TO GOODVIEW
VICTORIA AVE. - 500' W'LY TO 300' E'LY
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

ACCT. NO. 230-541500-440223-30160
R-3504
SHEET 7 OF 7
FILE NO.