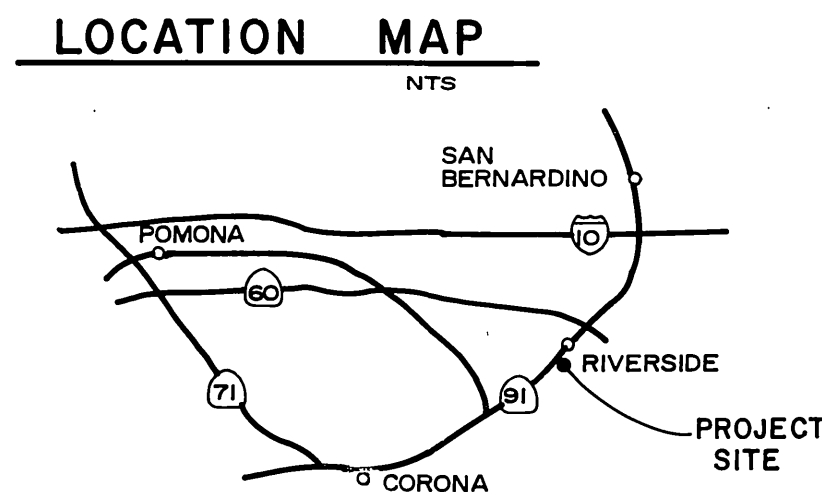


WESTERN MUNICIPAL WATER DISTRICT

OF RIVERSIDE COUNTY, CALIFORNIA

COMMUNITY FACILITIES DISTRICT LAKEHILLS / FILLMORE OFF-SITE SEWER SPECIFICATION NO. W-44 SEWER PLAN



SPECIAL NOTE REGARDING PIPE BEDDING

UNLESS OTHERWISE SHOWN ON THE DRAWING PROFILE ALL PIPE BEDDING SHALL BE CLASS C, PER STD. SA-001 AND SECTION 1F OF THE BASIC SEWER MAIN CONSTRUCTION SPECIFICATIONS. NATIVE MATERIAL WILL BE ACCEPTABLE ONLY WHERE SAND EQUIVALENT (SE) IS 30 OR GREATER.

NOTE

AT THE TIME OF AWARD OF THE CONTRACT, THE SUCCESSFUL BIDDER SHALL POSSESS A STATE OF CALIFORNIA VALID CLASS "A" (GENERAL ENGINEERING) CONTRACTORS LICENSE.

GENERAL NOTE: WATER/SEWER CLEARANCE

CONTRACTOR SHALL COMPLY WITH APPLICABLE PROVISIONS OF CITY WATER DEPARTMENT STANDARDS - 020, 021, 022.

SEWER CERTIFICATION

I HEREBY CERTIFY THAT THE DESIGN OF THE WASTEWATER SYSTEM FOR LAKEHILLS/FILLMORE OFF-SITE SEWER IS IN ACCORDANCE WITH THE WASTEWATER SYSTEM PLANS FOR THE COMMUNITY FACILITIES DISTRICT OF THE COUNTY OF RIVERSIDE, AND THAT UPON COMPLETION OF THE OFF-SITE WASTEWATER FACILITIES TO BE FINANCED THROUGH THE SALE OF BONDS THE OFF-SITE WASTEWATER SYSTEM WILL BE ADEQUATE TO DISPOSE OF THE ANTICIPATED WASTE FROM THE PROPOSED SERVICE AREA.

[Signature] 10.27.06
CHIEF ENGINEER R.C.E. 17984 DATE

NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

CALL UNDERGROUND SERVICE ALERT (USA) 1-800-422-4133 AT LEAST 48 HOURS PRIOR TO EXCAVATION.

NOTIFICATIONS

- CONSTRUCTION UNDER RIVERSIDE COUNTY ROAD DEPARTMENT PERMIT: CONTRACTOR SHALL NOTIFY THE RIVERSIDE COUNTY ROAD DEPARTMENT PERMIT SECTION AT RIVERSIDE 787-2031 OR 787-2032 AT LEAST 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION.
- CONSTRUCTION UNDER RIVERSIDE COUNTY SUBDIVISION AGREEMENT: CONTRACTOR SHALL NOTIFY THE RIVERSIDE COUNTY ROAD DEPARTMENT CONSTRUCTION SECTION AT RIVERSIDE 787-2031 OR 787-2032 AT LEAST 48 HOURS IN ADVANCE OF STARTING CONSTRUCTION.
- CONTRACTOR SHALL NOTIFY APPROPRIATE UTILITIES 48 HOURS PRIOR TO EXCAVATION.

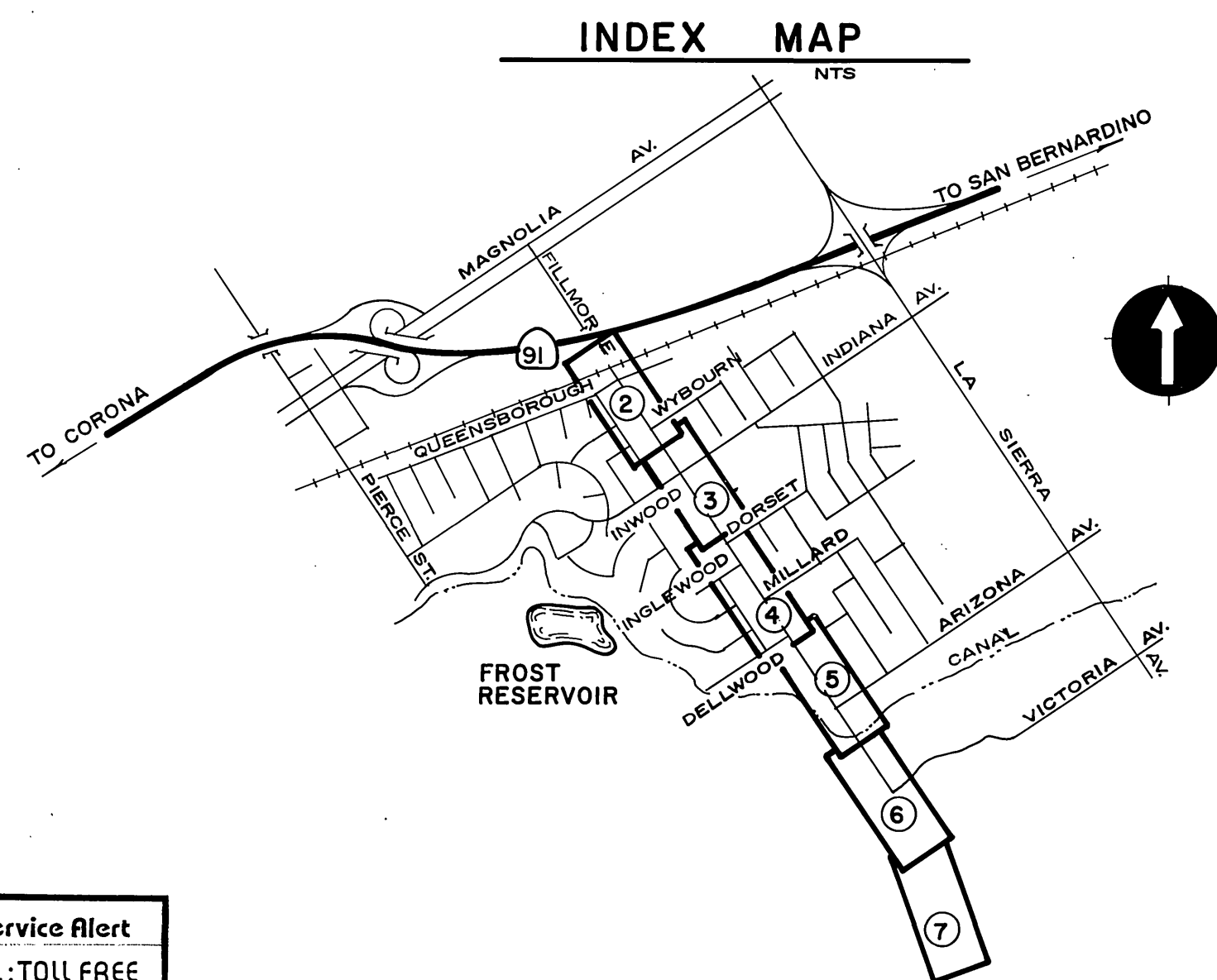
SO. CALIF. GAS CO. OR U.S.A. AT	1-800-422-4183
City of Riverside, Elect. Dept.	787-7281
PACIFIC TELEPHONE CO. OR U.S.A. AT	1-800-422-4133
WESTERN MUNICIPAL WATER DISTRICT	780-2450
City of Riverside, Water Dept.	787-7420
City of Riverside, Public Works Dept.	787-7341
Falcon Cable T.V.	359-8989

BENCH MARK

CITY BENCH MARK E2-D P.K. NAIL IN CENTER S.E. CURB RETURN INDIANA & FILLMORE ST. ELEV. 738.990

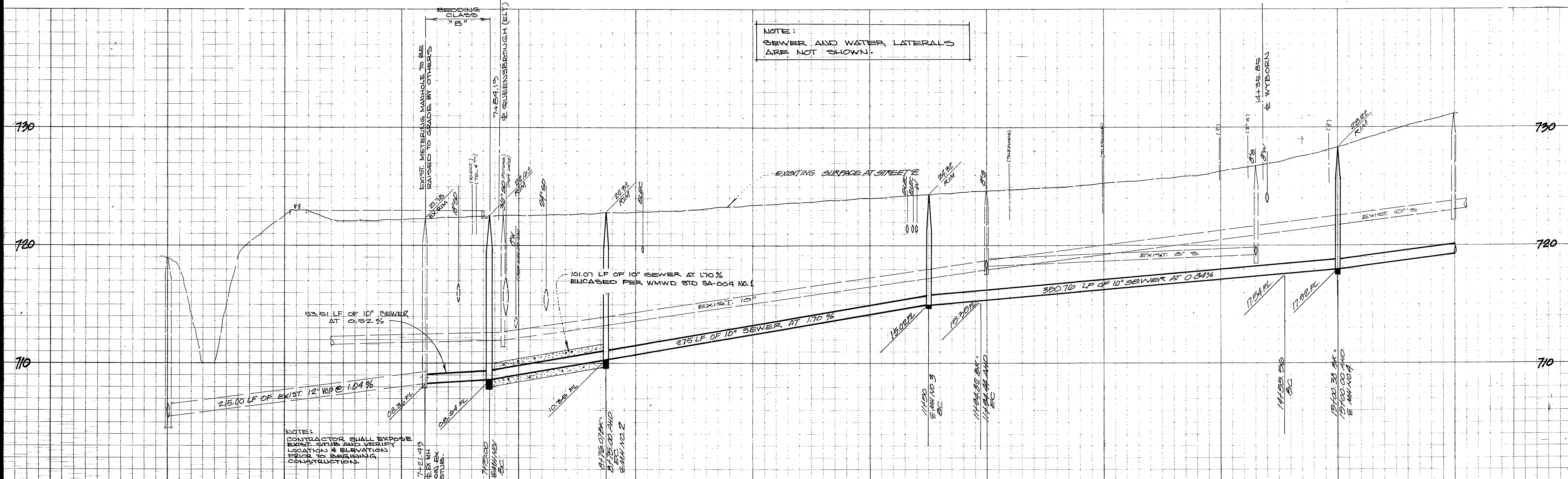
GENERAL NOTES FOR CONSTRUCTION OF SEWER

- SEWER SYSTEM SHALL BE CONSTRUCTED BY THE CONTRACTOR FOR WESTERN MUNICIPAL WATER DISTRICT AND SHALL COMPLY WITH ALL DISTRICT REQUIREMENTS PLUS THOSE REQUIREMENTS OF ALL OTHER PUBLIC GOVERNING BODIES HAVING JURISDICTION.
- CONSTRUCTION MATERIALS TESTING AND INSPECTION SHALL COMPLY WITH WESTERN MUNICIPAL WATER DISTRICT'S STANDARDS AND SPECIFICATIONS, AND SHALL MEET OR EXCEED THE REQUIREMENTS OF RIVERSIDE COUNTY, ("GREEN BOOK"), AND THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) STANDARDS. FAILURE TO MEET ANY OF THE ABOVE REQUIREMENTS WILL BE CAUSE FOR REJECTION. SEWER PIPE SHALL BE EXTRA STRENGTH VITRIFIED CLAY PIPE UNLESS OTHERWISE APPROVED BY THE CHIEF ENGINEER.
- DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO TRENCHING. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (1-800-422-4133) PRIOR TO ANY EXCAVATION.
- ALL CONSTRUCTION AND OPERATIONS BY THE CONTRACTOR SHALL BE IN ACCORDANCE WITH CAL-OSHA REQUIREMENTS.
- PIPE SHALL BE HANDLED SO AS TO PROTECT PIPE, JOINTS, LINING AND COATING, AND BE CAREFULLY BEDDED TO PROVIDE CONTINUOUS BEARING AND PREVENT UNEVEN SETTLEMENT. PIPE SHALL BE PROTECTED AGAINST FLOTATION AT ALL TIMES. OPEN ENDS OF INSTALLED SEWER PIPE SHALL BE SEALED AT ALL TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.
- PIPE JOINTS SHALL NOT BE DEFLECTED AT ANY ANGLE GREATER THAN THAT MAXIMUM ANGLE RECOMMENDED BY THE PIPE MANUFACTURER.
- CONNECTIONS TO EXISTING W.M.W.D. SEWER LINES SHALL BE IN ACCORDANCE WITH STANDARD W.M.W.D. PROCEDURES AND SHALL NOT BE ACCOMPLISHED UNLESS DISTRICT INSPECTOR IS PRESENT.
- SEWER PIPE TRENCH BACKFILL SHALL BE IN ACCORDANCE WITH W.M.W.D. STANDARDS SA-001, SA-002, SA-003, SA-004, AND WB-002.1.
- SEWER MANHOLES AND CLEANOUTS SHALL BE CONSTRUCTED PER W.M.W.D. STANDARD SB-007, SB-008, SB-009, SB-010. MANHOLES BUILT IN OPEN FIELDS SHALL BE PROTECTED WITH GUARD POST PER W.M.W.D. STANDARD WA-011.
- N/A
- SEPARATION BETWEEN SEWER AND WATER LINES SHALL MEET OR EXCEED THE REQUIREMENTS OF RIVERSIDE COUNTY AND THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH.
- N/A
- N/A
- 2" WIDE METALLIC LOCATOR TAPE SHALL BE PLACED WITH EACH SEWER AND SERVICE LATERAL TO ASSIST WITH FUTURE LOCATION. TAPE SHALL BE PLACED AT LEAST 6" ABOVE THE PIPE BUT NOT DEEPER THAN 4" FROM THE PROPOSED FINISHED GRADE.
- ALL SEWER SHALL BE BALLED AND AIR TESTED PRIOR TO ACCEPTANCE BY THE DISTRICT.
- OPEN TRENCH AT ANY ONE TIME SHALL BE LIMITED TO 500 FEET ALONG ROAD RIGHT-OF-WAY, UNLESS OTHERWISE APPROVED IN WRITING BY THE ENGINEER. TRENCH SHALL BE BACKFILLED AND COMPACTED AT THE CONCLUSION OF EACH DAY.
- SURFACE IMPROVEMENTS DAMAGE OR REMOVED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE RECONSTRUCTED BY THE CONTRACTOR TO THE COUNTY REQUIREMENTS.
- N/A
- ONE SET OF PRINTS SHOWING ALL "AS-BUILTS" CONDITIONS SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO ACCEPTANCE.
- ALL REVISIONS TO THESE DRAWINGS MUST BE APPROVED IN WRITING BY WESTERN MUNICIPAL WATER DISTRICT.

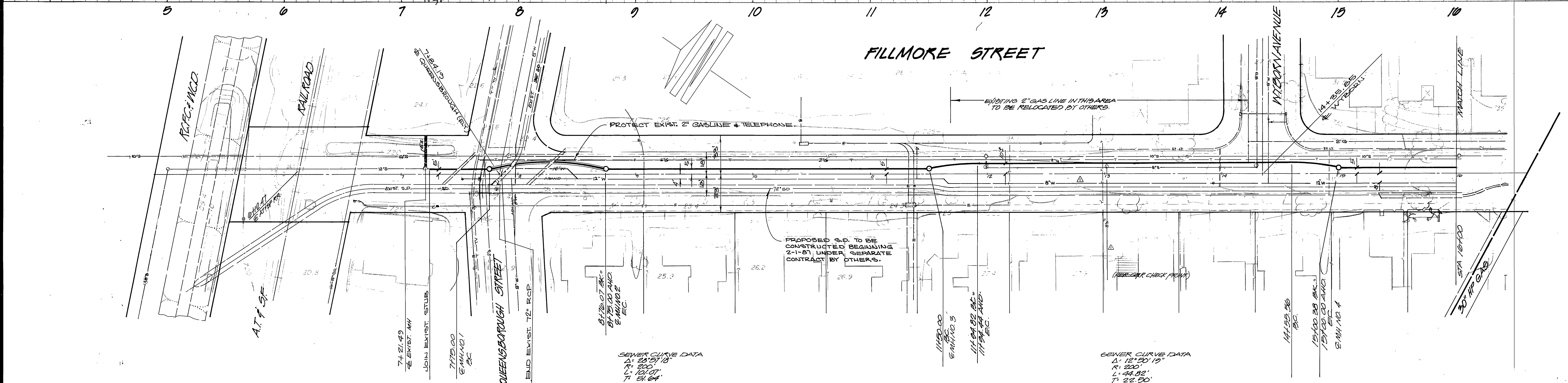


RIVERSIDE COUNTY DEPARTMENT OF HEALTH APPROVED BY _____ DATE _____	CITY OF RIVERSIDE WATER SYSTEM <i>[Signature]</i> APPROVED BY _____ DATE 1-5-07	Approved By Western Municipal Water District for Construction <i>[Signature]</i> 10.27.06 Chief Engineer, R.C.E. 17984 Date VOID AFTER 1 YEAR FROM THIS DATE	REVISIONS: 1. ADD NOTE TO COMPLY WITH CHECK POINT 18.01.02	APPROVED BY: <i>[Signature]</i> DATE: 10/27/06	ALBERT A. WEBB ASSOCIATES CIVIL ENGINEERS 3788 McCRAY STREET RIVERSIDE, CALIFORNIA (714) 886-1070	WESTERN MUNICIPAL WATER DISTRICT OF RIVERSIDE COUNTY, CALIFORNIA COMMUNITY FACILITIES DISTRICT 84-2 FILLMORE SEWER W.O. 85-104 FOR: W.M.W.D. F.B. 1051	85-1437 1 OF 1 SHEETS FILE NO. 85-104
				SCALE: No Scale DRAWN BY: JLT DESIGNED BY: JLT CHECKED BY: JLT			

NOTE:
SEWER AND WATER LATERALS
ARE NOT SHOWN.



NOTE:
CONTRACTOR SHALL EXPOSE
EXIST. STUBS AND VERIFY
LOCATION & ELEVATION
PRIOR TO BEGINNING
CONSTRUCTION.



RIVERSIDE COUNTY
DEPARTMENT OF HEALTH

CITY OF RIVERSIDE
WATER SYSTEM

Approved By *David V. Garcia* 1-5-87
DATE

Approved By Western Municipal Water
District for Construction

James W. ... 10.27.86
Chief Engineer, R.C.E. 17984 Date

VOID AFTER 1 YEAR FROM THIS DATE

REVISIONS:

APPROVED BY *Albert A. Webb*
REGISTERED CIVIL ENGINEER NO. 11842

DATE: 10/2/87

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA

SCALE: 1"=40'
DRAWN BY: *HW*
DESIGNED BY: *HW*
CHECKED BY: *FHH*

WESTERN MUNICIPAL WATER DISTRICT
OF RIVERSIDE COUNTY, CALIFORNIA

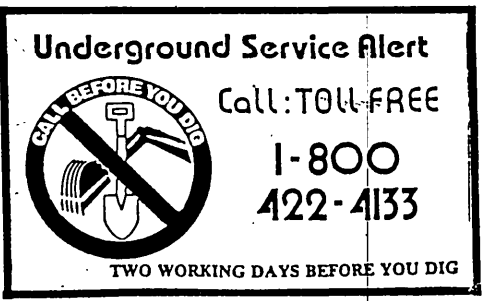
COMMUNITY FACILITIES DISTRICT 84-2

FILLMORE SEWER

W.O. 85-104 FOR: W.M.W.D. F.B. 1051

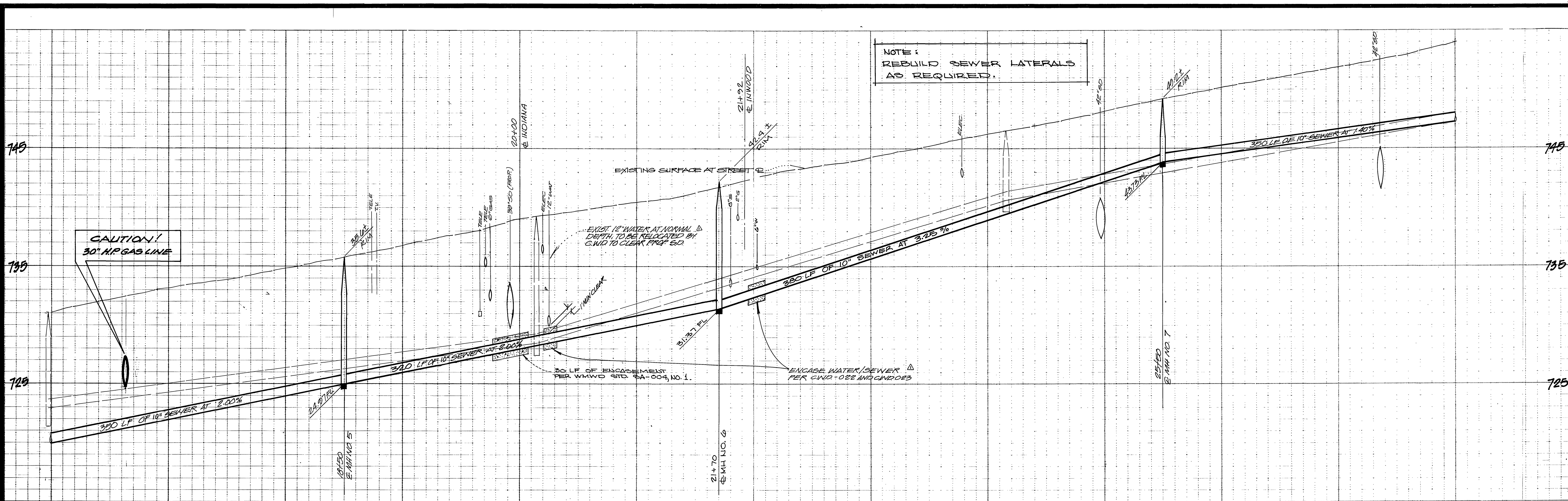
5-1437
2

OF 1 SHEETS
85-104



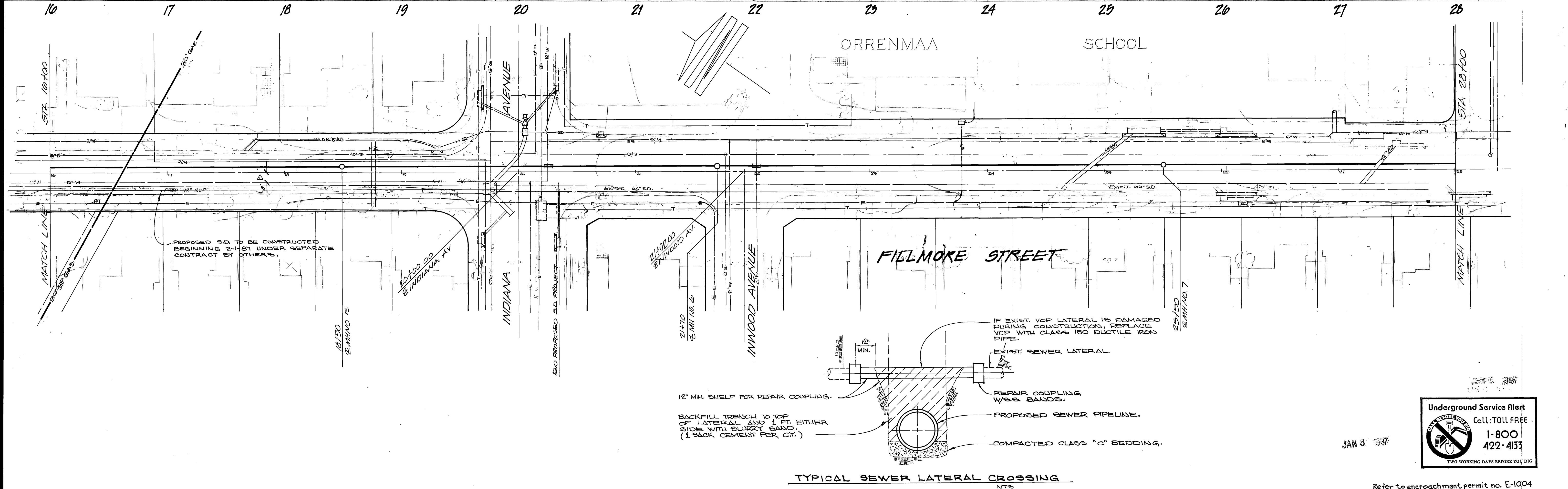
JAN 6 1987

Refer to encroachment permit no. E-1004



NOTE:
REBUILD SEWER LATERALS
AS REQUIRED.

CAUTION!
30" H.P. GAS LINE



TYPICAL SEWER LATERAL CROSSING
NOTE

Underground Service Alert
Call: TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG

JAN 6 1987

Refer to encroachment permit no. E-1004

RIVERSIDE COUNTY
DEPARTMENT OF HEALTH
APPROVED BY _____ DATE _____

CITY OF RIVERSIDE
WATER SYSTEM
Approved By *David V. Garcia* 1-5-87
DATE

Approved By Western Municipal Water
District for Construction
[Signature] 10.27.86
Chief Engineer, R.C.E. 17984 Date
VOID AFTER 1 YEAR FROM THIS DATE

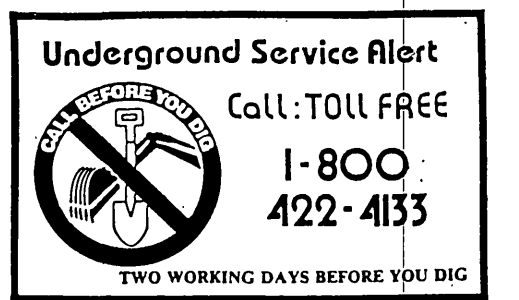
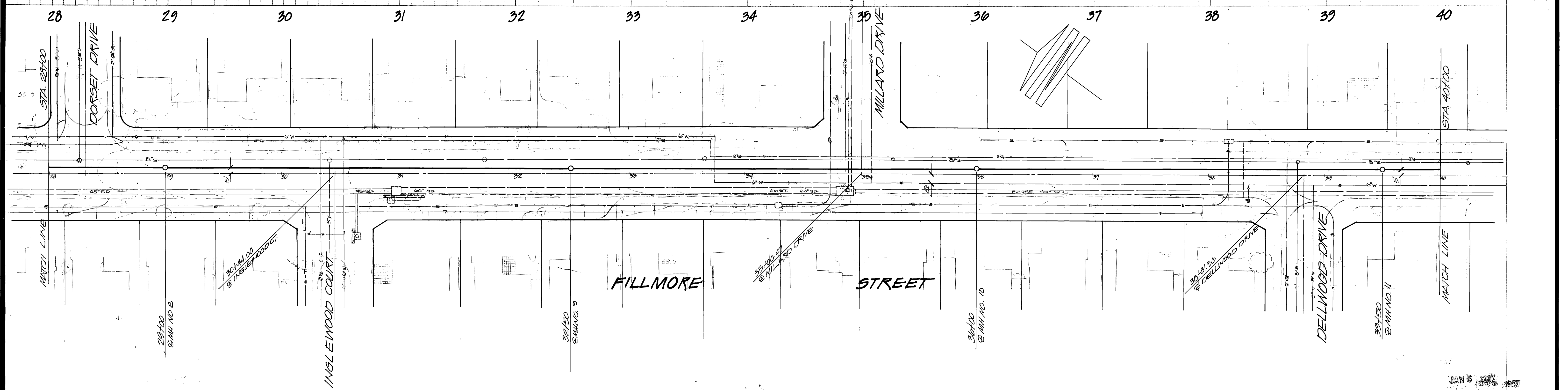
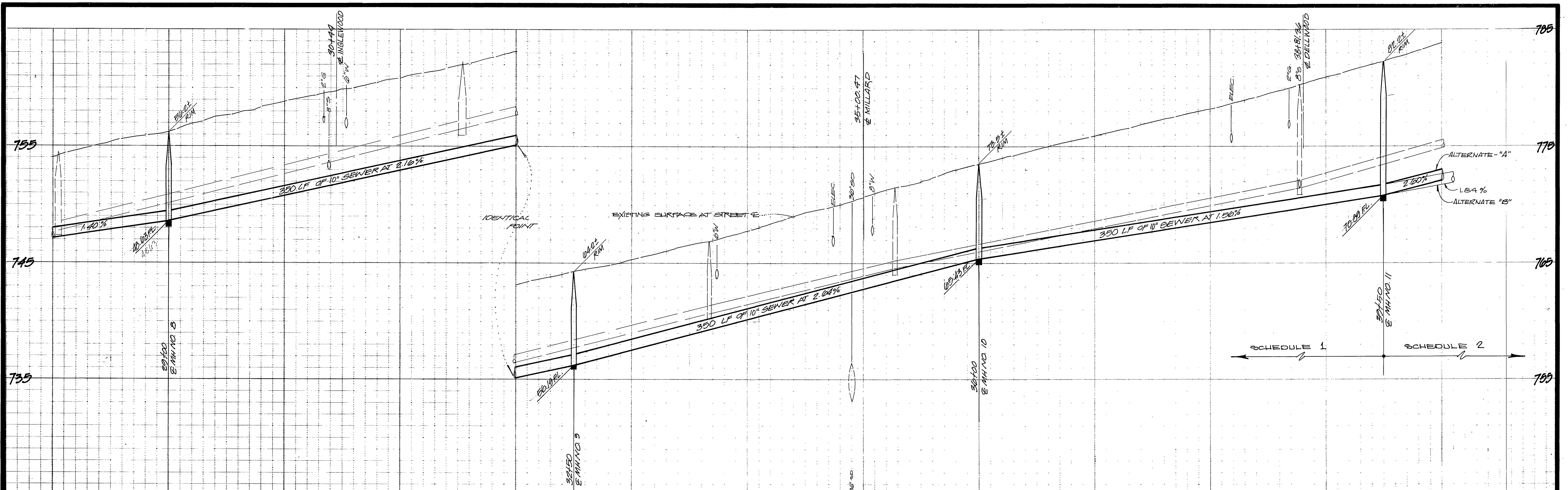
REVISIONS:
1. CHANGES PER CIVIL CHECKPRINT 10.27.86

APPROVED BY *[Signature]*
REGISTERED CIVIL ENGINEER NO. 1282
DATE: 10/4/86

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
SCALE: 1" = 40'
DRAWN BY: *[Signature]*
CHECKED BY: *[Signature]*

WESTERN MUNICIPAL WATER DISTRICT
OF RIVERSIDE COUNTY, CALIFORNIA
COMMUNITY FACILITIES DISTRICT 84-2
FILLMORE SEWER
W.O. 85-104 FOR: W.M.W.D. F.B. 1051

S-1437
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OF 7 SHEETS
85-104



RIVERSIDE COUNTY
DEPARTMENT OF HEALTH

APPROVED BY _____ DATE _____

CITY OF RIVERSIDE
WATER SYSTEM

Approved By *David V. Garcia* 1-5-87
Chief Engineer, R.C.E. 17984 Date

Approved By Western Municipal Water
District for Construction

David V. Garcia 10-27-86
Chief Engineer, R.C.E. 17984 Date

VOID AFTER 1 YEAR FROM THIS DATE

REVISIONS:

1	CHANGE PER CIVIL ENCROACHMENT 12-31-82
---	--

APPROVED BY: *Albert A. Webb*
REGISTERED CIVIL ENGINEER NO. 14242

DATE: 10/9/87

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA

SCALE: 1"=40'

DRAWN BY: *[Signature]*

DESIGNED BY: *[Signature]*

CHECKED BY: *[Signature]*

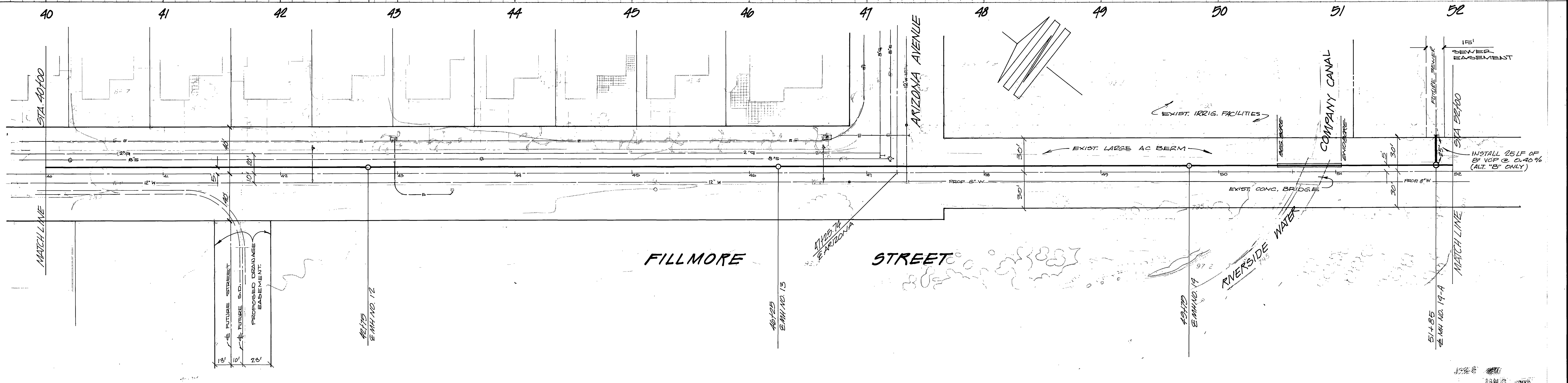
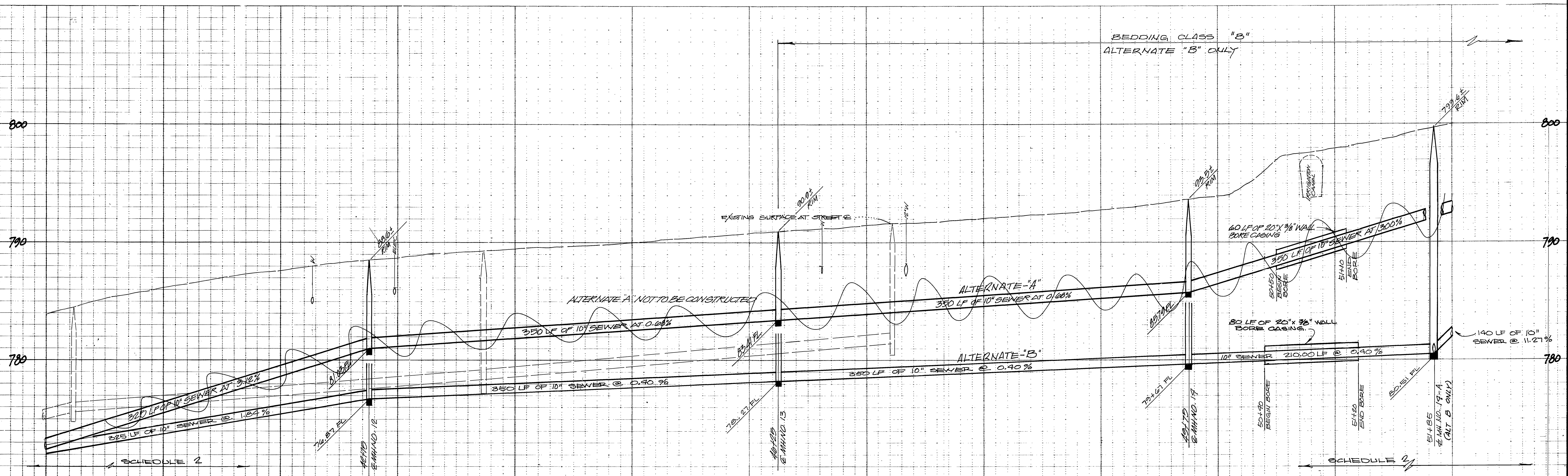
WESTERN MUNICIPAL WATER DISTRICT
OF RIVERSIDE COUNTY, CALIFORNIA

COMMUNITY FACILITIES DISTRICT 84-2

FILLMORE SEWER

W.O. 85-104 FOR: W.M.W.D. F.B. 1051

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OF 7 SHEETS
85-104



RIVERSIDE COUNTY
DEPARTMENT OF HEALTH

CITY OF RIVERSIDE
WATER SYSTEM

APPROVED BY: *Daniel V. Garcia*
DATE: 1-5-87

Approved By Western Municipal Water
District for Construction

Albert A. Webb
Chief Engineer, R.C.E. 17984 Date 10.21.86
VOID AFTER 1 YEAR FROM THIS DATE

REVISIONS:

APPROVED BY: *Albert A. Webb*
REGISTERED CIVIL ENGINEER NO. 10672
DATE: 10/21/86

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA

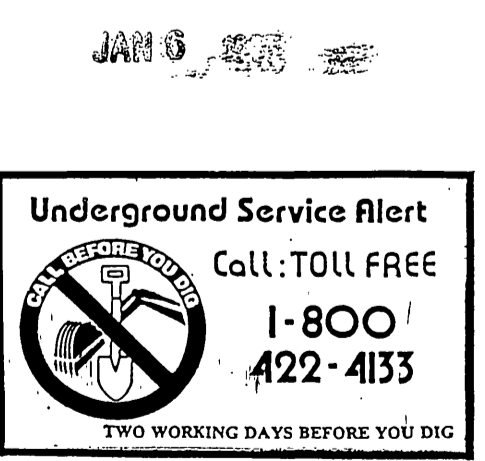
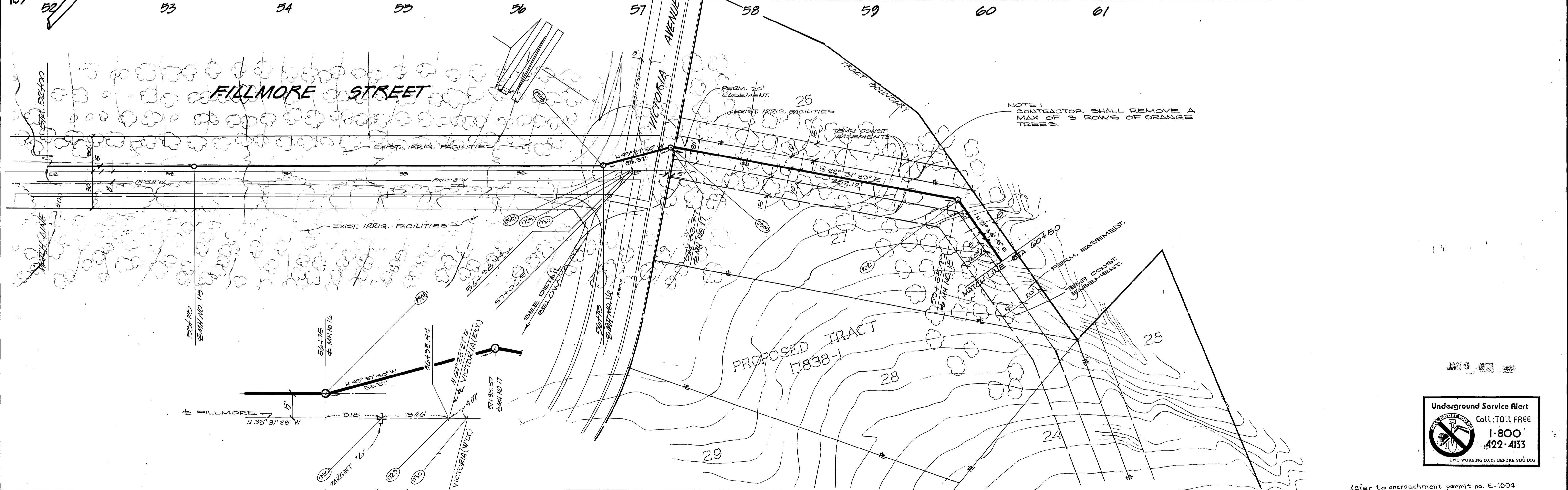
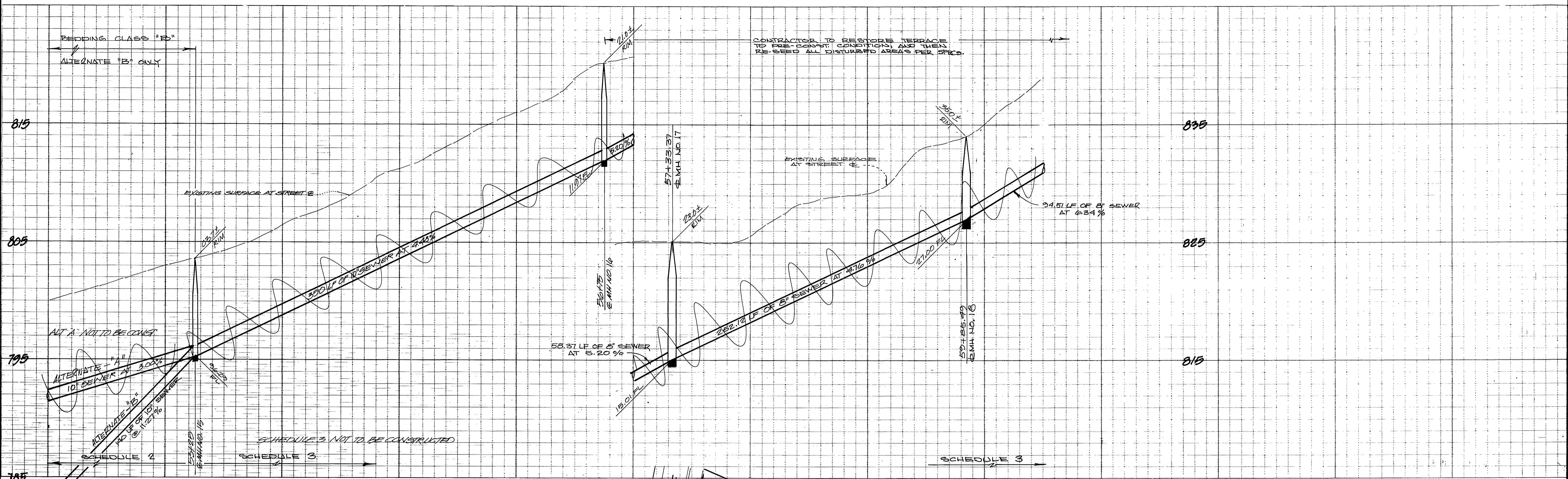
SCALE: 1" = 40'
DRAWN BY: *JH*
DESIGNED BY: *JH*
CHECKED BY: *JH*

WESTERN MUNICIPAL WATER DISTRICT
OF RIVERSIDE COUNTY, CALIFORNIA
COMMUNITY FACILITIES DISTRICT 84-2

FILLMORE SEWER

W.O. 85-104 FOR: W.M.W.D. F.B. 1051

5-1437
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OF 2 SHEETS
85-104



RIVERSIDE COUNTY
DEPARTMENT OF HEALTH

APPROVED BY _____ DATE _____

Approved By Western Municipal Water District for Construction

[Signature]
Chief Engineer, R.C.E. 17984 Date 10.27.86

VOID AFTER 1 YEAR FROM THIS DATE

REVISIONS:

APPROVED BY: *[Signature]*
DATE: 10/27/86 REGISTERED CIVIL ENGINEER NO. 11887

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA

SCALE: 1" = 40'
BENCH MARK: SEE SHEET 1
DRAWN BY: *[Signature]*
DESIGNED BY: *[Signature]*
CHECKED BY: *[Signature]*

WESTERN MUNICIPAL WATER DISTRICT
OF RIVERSIDE COUNTY, CALIFORNIA
COMMUNITY FACILITIES DISTRICT 84-2

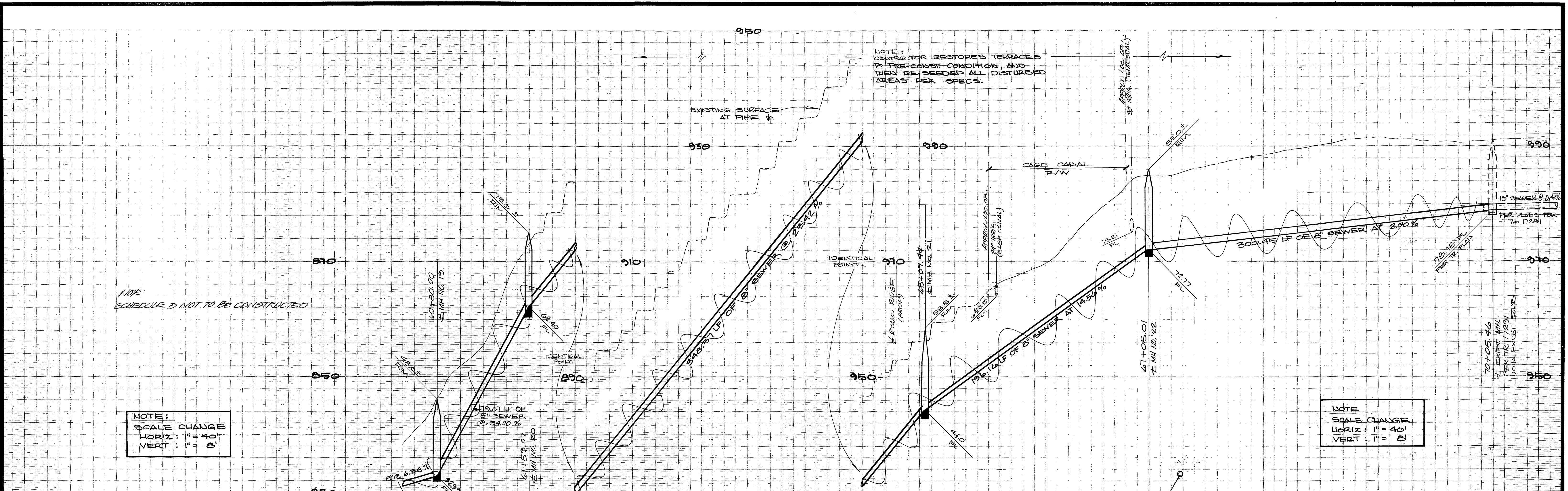
FILLMORE SEWER

W.O. 85-104 FOR: W.M.W.D. F.B. 1051

Refer to encroachment permit no. E-1004

5-1437
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OF 2 SHEETS
85-104

Underground Service Alert
Call: TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG



NOTE:
SCHEDULE 3 NOT TO BE CONSTRUCTED

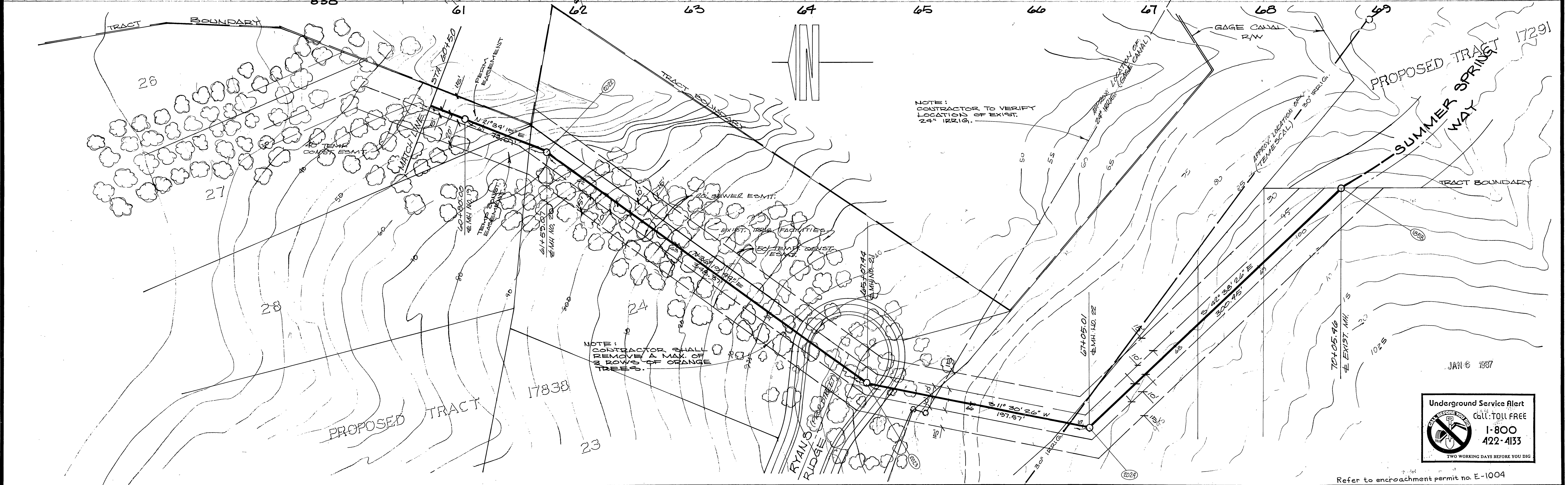
NOTE:
SCALE CHANGE
HORIZ: 1" = 40'
VERT: 1" = 8'

NOTE:
SCALE CHANGE
HORIZ: 1" = 40'
VERT: 1" = 8'

NOTE:
CONTRACTOR RESTORES TERRACES
TO PRE-CONST. CONDITION, AND
THEN RE-SEEDS ALL DISTURBED
AREAS PER SPECS.

NOTE:
CONTRACTOR TO VERIFY
LOCATION OF EXIST.
24" IR21G.

NOTE:
CONTRACTOR SHALL
REMOVE A MAX. OF
3 ROWS OF ORANGE
TREES.



Underground Service Alert
Call: TOLL FREE
1-800-422-4133
TWO WORKING DAYS BEFORE YOU DIG

Refer to encroachment permit no. E-1004

RIVERSIDE COUNTY
DEPARTMENT OF HEALTH

APPROVED BY _____ DATE _____

Approved By Western Municipal Water
District for Construction

W. J. ...
Chief Engineer, R.C.E. 17984 Date *N. 27. 80*

VOID AFTER 1 YEAR FROM THIS DATE

REVISIONS:

APPROVED BY: *Albert A. Webb*
REGISTERED CIVIL ENGINEER NO. *14212*

DATE: *10/1/86*

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA

SCALE: _____
DRAWN BY: *RJP*
DESIGNED BY: _____
CHECKED BY: *FHH*

WESTERN MUNICIPAL WATER DISTRICT
OF RIVERSIDE COUNTY, CALIFORNIA
COMMUNITY FACILITIES DISTRICT 84-2

BENCH MARK: _____
SEE SHEET 1

FILLMORE SEWER

W.085-104 FOR: W.M.W.D. F.B. 1051

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OF 7 SHEETS
FILE NO.
85-104