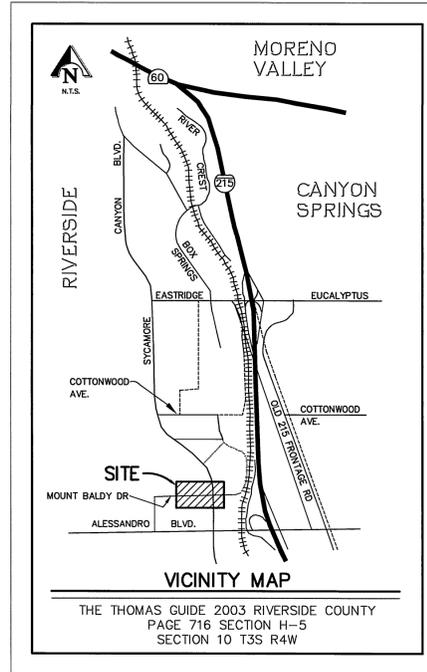


IN THE CITY OF RIVERSIDE SEWER PLANS

GENERAL NOTES

1. The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the City.
2. It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of law as it affects each utility including irrigation lines and appurtenances and at no cost to the City.
3. Construction shall be in accordance with the City of Riverside Dept. of Public Works, Standard Drawings, its Supplemental Notes and the Standard Specifications for Public Works Construction, Current Edition.
4. Contractor is to verify existing sewer elevation prior to construction.
5. The sewer contractor shall adjust manholes to final grade after paving is completed.
6. A plug shall be installed and will remain in place where the new sewer connects with the existing sewer until the new sewer is accepted by the City of Riverside.
7. Any traffic control striping obliterated and/or badly worn during construction shall be restored by the contractor within five days after notification from the City inspectors.
8. All flagged elevations shall be staked in the field by the private engineer.
9. The contractor shall call in a locations request to UNDERGROUND SERVICE ALERT (USA), Phone No. 1-800-227-2600, two working days before digging. No construction permit will be issued by the Public Works Department involving excavation for underground facilities unless the applicant has been provided an Inquiry Identification Number by U.S.A.
10. The developer shall be responsible for preserving or re-establishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
11. Notice to contractor. The existence and location of any underground utility pipes or structures shown on these plans were obtained by a search of available records. To the best of our knowledge there are no existing utilities except as shown on these plans. The contractor is required to take precautionary measures to protect the utility lines shown on any other lines not of record or not shown on these plans.
15. Prior to construction the contractor shall pothole all utility crossings and connections and verify the location and elevation of all utilities affected. The engineer shall be notified of any discrepancies before construction begins.
16. No person shall perform any construction activity or install any objects within the public rights-of-way or easements of the City of Riverside without a valid Construction permit or, a Street Opening permit or an Encroachment permit issued by the City's Public Works Department.
17. On all areas within public right-of-way where the fill is one (1) foot or greater, a letter will be required from the soils engineer, certifying the compaction of the fill below subgrade, prior to issuance of the Construction Permit/Cut Sheets.
18. Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
19. Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with proposed and/or existing facilities.
20. No finished floor elevations shall be less than 6" above upper manhole rim elevation of the sewer line segment being connected to, without having a proper backwater valve installed in the lateral.



LEGEND

- PROPOSED VCP SEWER MAIN
- PROPOSED SEWER MANHOLE

CONSTRUCTION NOTES

1. CONSTRUCT 48" ID MANHOLE PER CITY OF RIVERSIDE STANDARD DWG NO. 500.
2. CONSTRUCT 8" VCP EXTRA STRENGTH SEWER MAIN.
3. CONSTRUCT 4" SEWER LATERAL PER CITY OF RIVERSIDE STANDARD DWG NO. 562A.
4. CONSTRUCT SEWER MAIN AND LATERAL BEDDING PER CITY OF RIVERSIDE STD DWG NO. 452 (CASE 1, LOAD FACTOR 1.5).
5. CONSTRUCT 60" ID MANHOLE PER CITY OF RIVERSIDE STANDARD DWG NO. 500 WITH VINYL LINING PER DETAILS ON SHEET NO. 2.

QUANTITIES

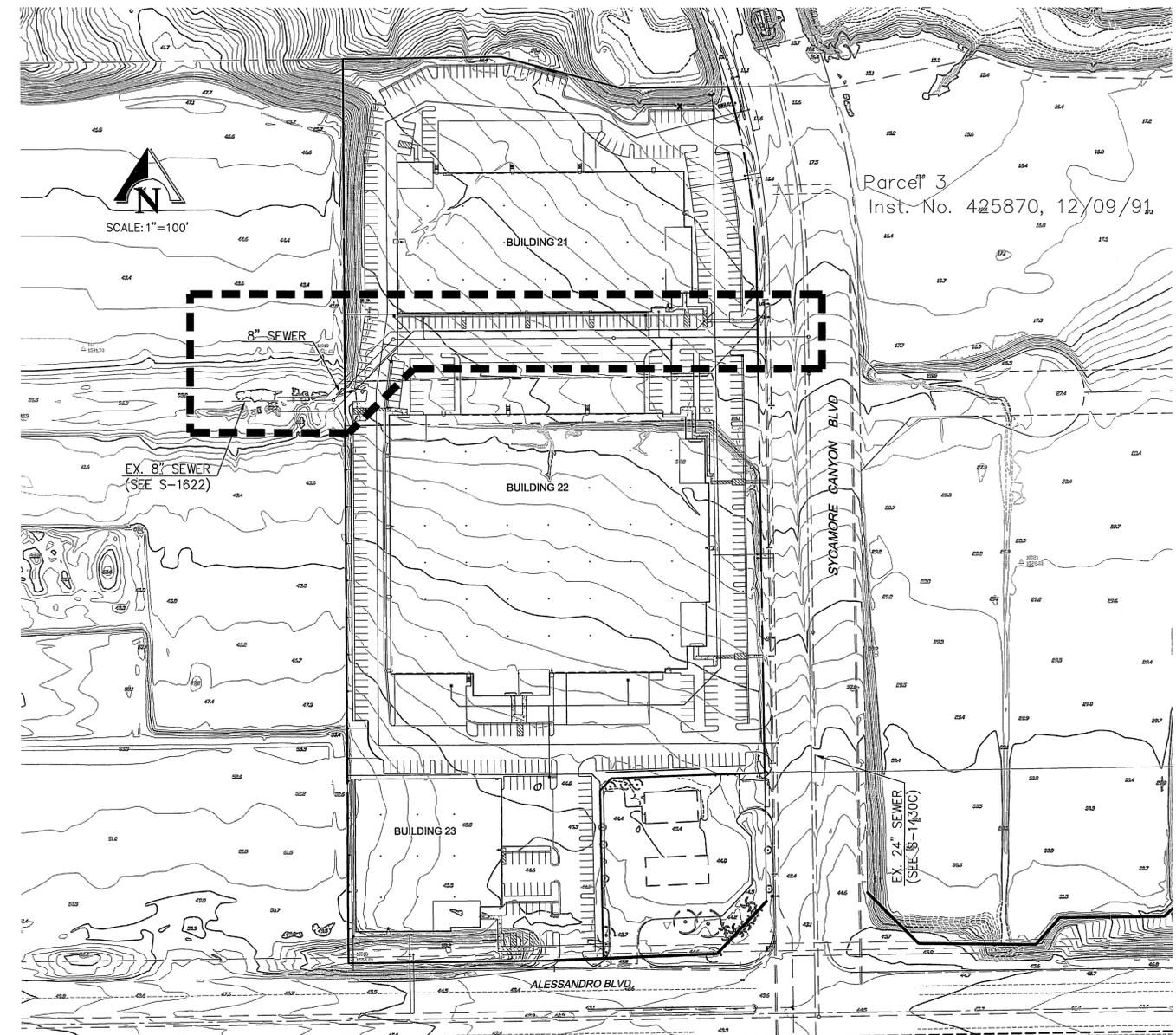
1	CONSTRUCT 48" ID MANHOLE PER CITY OF RIVERSIDE STANDARD DWG NO. 500.	2 EA.
2	CONSTRUCT 8" VCP EXTRA STRENGTH SEWER MAIN.	681 L.F.
3	CONSTRUCT 4" SEWER LATERAL PER CITY OF RIVERSIDE STANDARD DWG NO. 562A.	165 L.F.
4	CONSTRUCT SEWER MAIN AND LATERAL BEDDING PER CITY OF RIVERSIDE STD DWG NO. 452 (CASE 1, LOAD FACTOR 1.5).	846 L.F.
5	CONSTRUCT 60" ID MANHOLE PER CITY OF RIVERSIDE STANDARD DWG NO. 500 WITH VINYL LINING PER DETAILS ON SHEET NO. 2.	1 EA.

BASIS OF BEARINGS

BASIS OF BEARING IS THE CENTER LINE OF MT. BALDY DRIVE AS SHOWN ON MAP NO. 24754 ON FILE IN BOOK 173, PAGES 97-98 OF PARCEL MAPS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA BEING N.89° 09' 10" E.

BENCH MARK

CITY OF RIVERSIDE BENCHMARK L1-A3
PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT POLE ALONG THE NORTHERLY CURB OF EASTRIDGE AVENUE, 82 FEET WESTERLY OF BOX SPRINGS ROAD. (ADJUSTED MAY 1977)
ELEVATION: 1534.311 FEET



INDEX MAP
SCALE 1"=100'

* AS-BUILT 7-06-03 fH

<p>NOTE: THE DESIGN AND CONSTRUCTION ABILITY OF THE PROJECT AS WELL AS THE ACCURACY OF FIGURES ARE THE RESPONSIBILITY OF THE DESIGN ENGINEER. PLAN CHECK SERVICES BY W.M.W.D. WILL BE LIMITED TO THE ADHERENCE OF THE DISTRICT STANDARDS, MATERIALS, QUANTITIES AND SIZE OF FACILITIES, AS THEY RELATE TO THE SERVICE DISCHARGE OR APPROVED MASTER PLAN. DISCHARGE OF WASTEWATER FROM THE IMPROVEMENTS SHOWN ON THESE PLANS IS DEPENDENT UPON COMPLETION OF THE PIPING PROPOSED AS PART OF OTHER PHASES OF THIS TRACT AND/OR OTHER ADJACENT TRACTS.</p>	<p>REVIEWED BY WESTERN MUNICIPAL WATER DISTRICT FOR CONSTRUCTION: NON-INTERFERENCE COMPLIANCE SHEETS THRU 2 DATE: 10/14/04 CIVIL ENGINEER R.C.E. 48212 VOID AFTER ONE YEAR FROM THIS DATE</p>
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<p>Underground Service Alert</p> <p>Call: TOLL FREE 1-800 227-2600</p> <p>TWO WORKING DAYS BEFORE YOU DIG</p>	<p>PRIVATE ENGINEERING NOTE</p> <p>CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.</p>
---	---

<p>SEAL</p> <p>REGISTERED PROFESSIONAL ENGINEER</p> <p>TRAVIS P. VINCENT JR.</p> <p>RCE No. 37356</p> <p>Exp. 6-30-06</p> <p>CIVIL</p> <p>STATE OF CALIFORNIA</p>	<p>PREPARED UNDER THE SUPERVISION OF:</p> <p><i>Travis P. Vincent Jr.</i></p> <p>TRAVIS P. VINCENT JR. REGISTERED CIVIL ENGINEER NO. 37356 EXPIRATION DATE: 6-30-06 DATE: 10/7/04</p>
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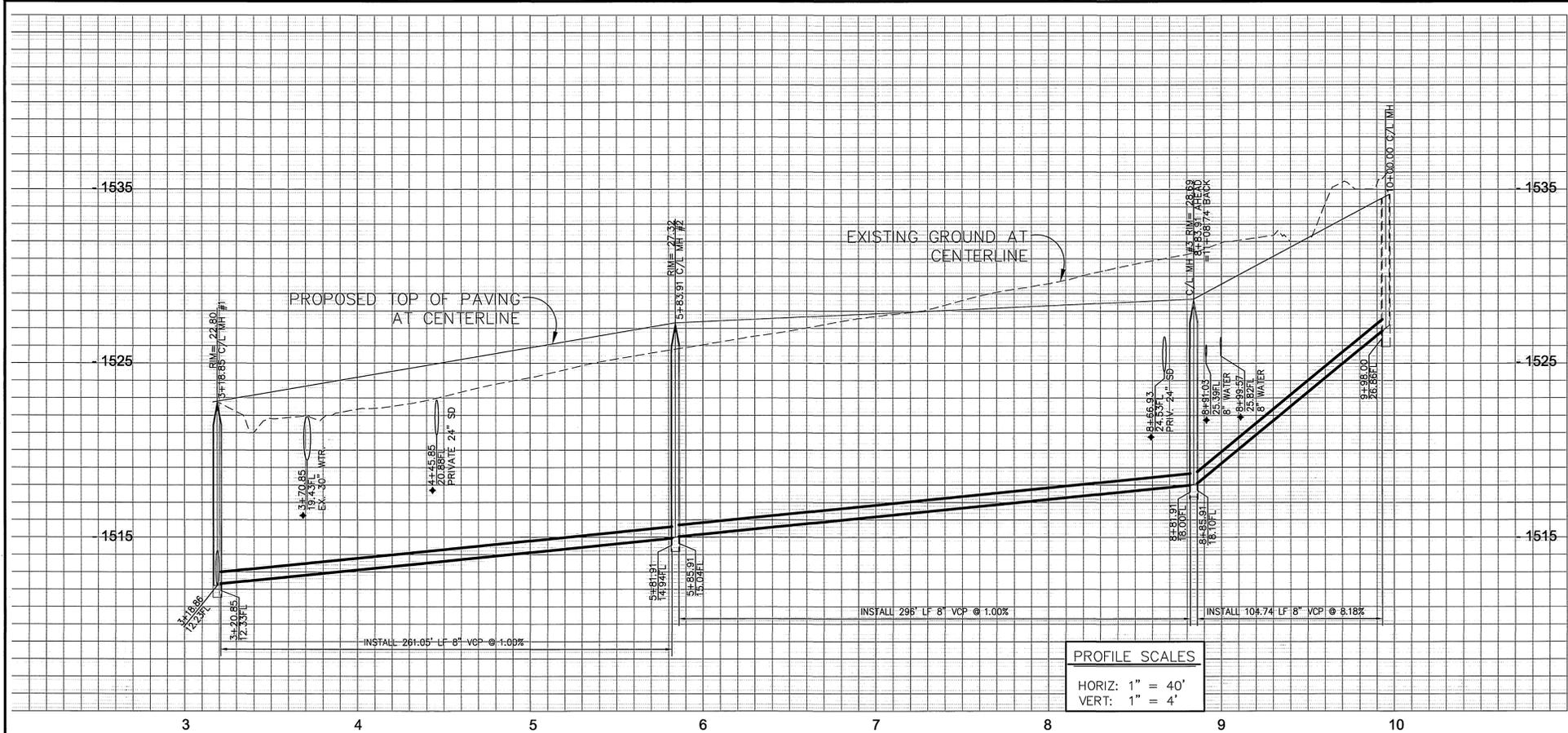
<p>KCT CONSULTANTS, INC.</p> <p>Civil Engineers - Surveyors - Planners</p> <p>P.O. Box 6705 Riverside, CA 92517-6705 4344 Latham St., Suite 200, Riverside, CA 92501 Phone: 909/941-8940 Fax: 909/941-8945 e-mail: kctinc@kctconsultants.com</p> <p>CITY BUSINESS TAX CERTIFICATE NO. 069540 EXP. DATE: 04-07-05</p>	<p>DATE: AS NOTED</p> <p>DATE: FEBRUARY 2004</p> <p>BENCH MARK: SEE ABOVE</p>
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<p>MARK</p> <p>DESIGNED BY: TPV</p>	<p>REVISIONS</p> <p>DRAWN BY: AG/DD</p>	<p>APPR. DATE</p> <p>CHECKED BY: TPV</p>
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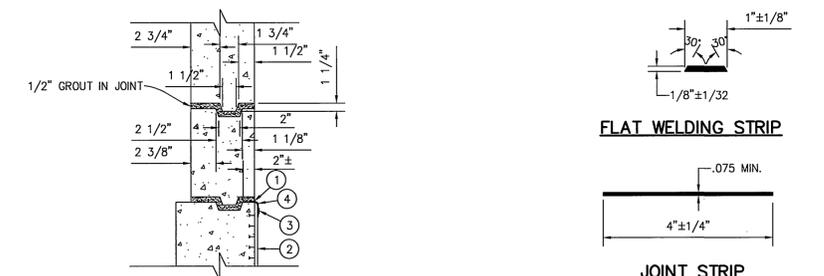
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT			
APPROVED BY:	DATE:	BY:	APPROVED BY:
PRINCIPAL ENGINEER			<i>Tom Boyd</i>
TRAFFIC DIVISION			CITY ENGINEER
PARK DEPARTMENT			DATE: 10/14/04

<p>IN THE CITY OF RIVERSIDE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA</p> <p>PM 24754</p> <p>SEWER EXTENSION PLAN</p> <p>TITLE SHEET</p> <p>FOR: WM AUSTIN CO.</p>	<p>PROJECT NO. PW04-0223</p> <p>S-1846</p> <p>SHEET 1 OF 2</p> <p>FILE NO.: KCT WO:1247-02</p>
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INDEXED 12-9-04 fH

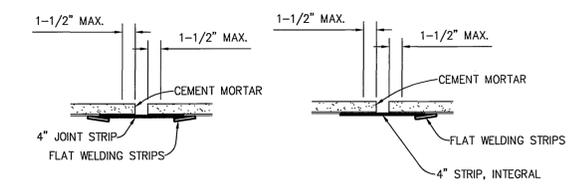


PROFILE SCALES
 HORIZ: 1" = 40'
 VERT: 1" = 4'

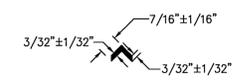


P.V.C. LINER INSTALLATION NOTES

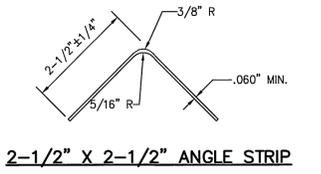
- ① SET MANHOLE SHAFT AND GRADE RINGS IN CEMENT GROUT ON TOP OF PVC LINER
- ② T-LOCK PVC LINER INSTALLED IN PIPE BY PIPE FABRICATOR.
- ③ 1 - INCH WELD STRIP.
- ④ 2-1/2" X 2-1/2" ANGLE STRIP.



CORNER WELDING STRIP INSIDE

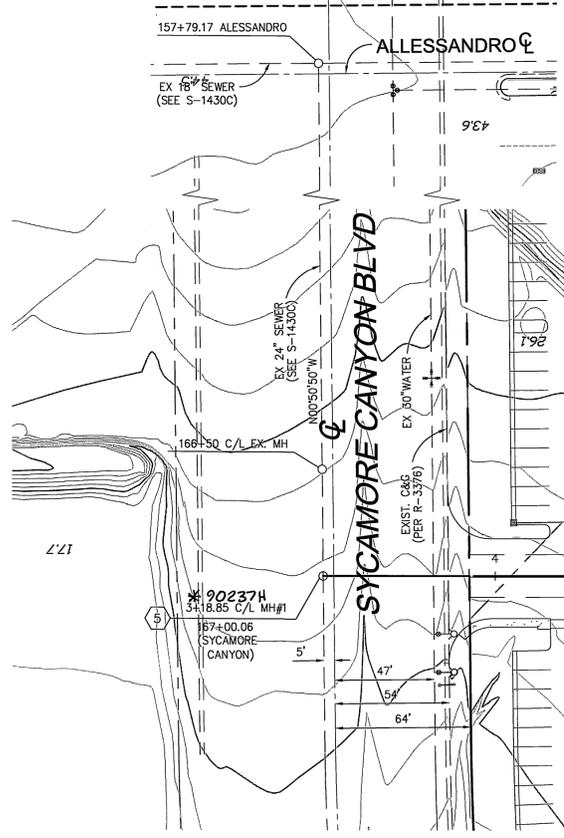


CORNER WELDING STRIP OUTSIDE

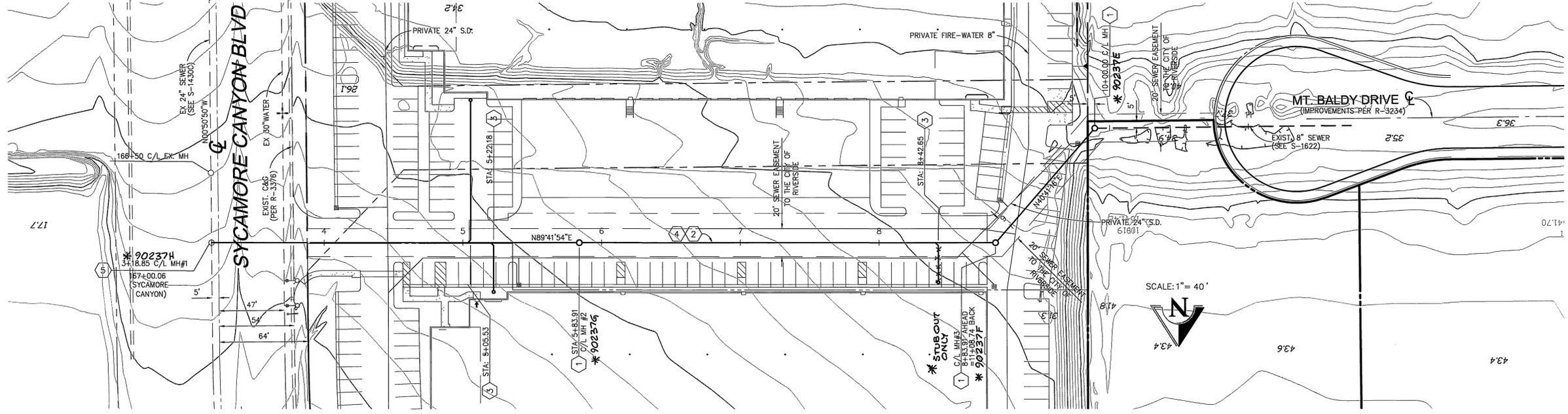


STANDARD INSTALLATION ACCESSORY STRIPS N.T.S.

DETAILS FOR VINYL LINING

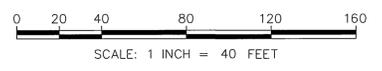


NOTE:
 CONTRACTOR TO VERIFY IN FIELD PRIOR TO START OF CONSTRUCTION



CONSTRUCTION NOTES

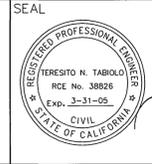
- ① CONSTRUCT 48" ID MANHOLE PER CITY OF RIVERSIDE STANDARD DWG NO. 500.
- ② CONSTRUCT 8" VCP EXTRA STRENGTH SEWER MAIN.
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* AS-BUILT 7-06-05 Lf

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 227-2600
 TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE
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PREPARED UNDER THE SUPERVISION OF:
Teresito N. Tabolo
 TERESITO N. TABOLO
 REGISTERED CIVIL ENGINEER NO. 38826
 EXPIRATION DATE: 3-31-05 DATE: 10-14-00

KCT CONSULTANTS, INC.
 Civil Engineers - Surveyors - Planners
 P.O. Box 9705 Riverside, CA 92517-9705
 4341 Latham St, Suite 200, Riverside, CA 92501
 Phone: 909/941-8940 Fax: 909/941-8945
 e-mail: kctinfo@kctconsultants.com
 CITY BUSINESS TAX CERTIFICATE NO.: 069540 EXP. DATE: 04-07-05
 BENCH MARK: CITY OF RIVERSIDE BENCHMARK LI-A3
 PK NAIL AND CITY ENGINEER TAG IN THE BASE OF A STREET LIGHT POLE ALONG THE NORTHERLY CURB OF EASTRIDGE AVENUE, 82 FEET WESTERLY OF BOX SPRING ROAD (ADJUSTED MAY 1977)
 ELEVATION: 1534.31 FEET
 SCALE: AS NOTED
 DATE: FEBRUARY 2004

MARK	REVISIONS	APPR. DATE
DESIGNED BY	TPV	
DRAWN BY	AG/DD	
CHECKED BY	TPV	

CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 DATE: [Date]
 BY: [Signature]
 DATE: [Date]
 PRINCIPAL ENGINEER
 TRAFFIC DIVISION
 PARK DEPARTMENT

IN THE CITY OF RIVERSIDE,
 COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
PM 24754
SEWER EXTENSION PLAN
 FOR: WM AUSTIN CO.
 PROJECT NO. PW04-0223
 S-1846
 SHEET 2 OF 2
 FILE NO.: KCT WD:1247-02
 INDEXED 12-9-04 Lf