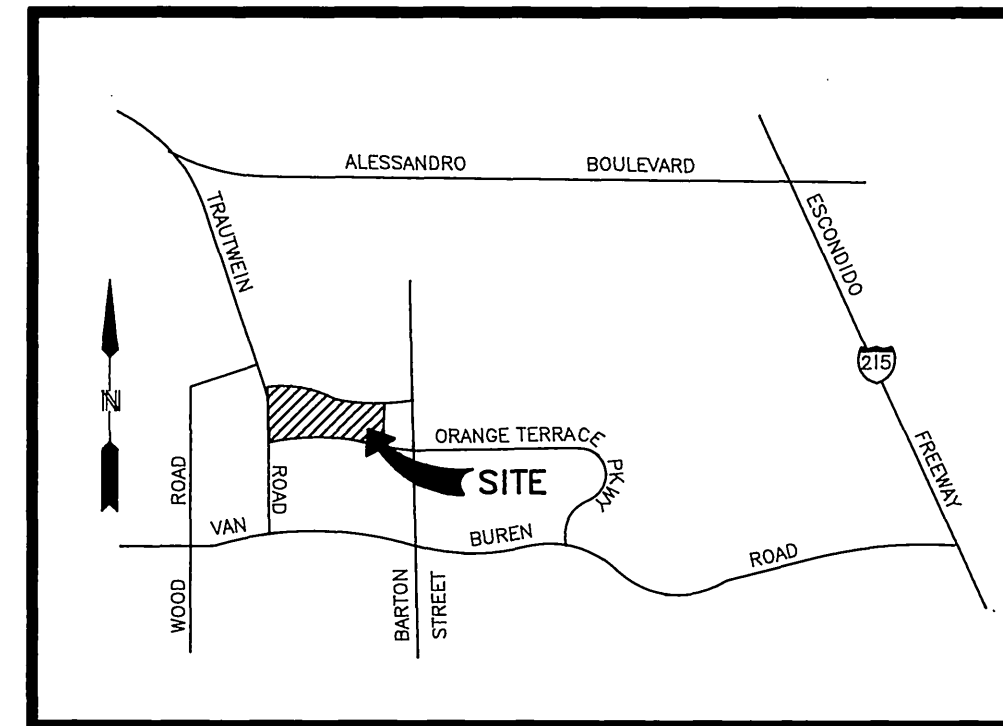


SEWER IMPROVEMENT PLANS

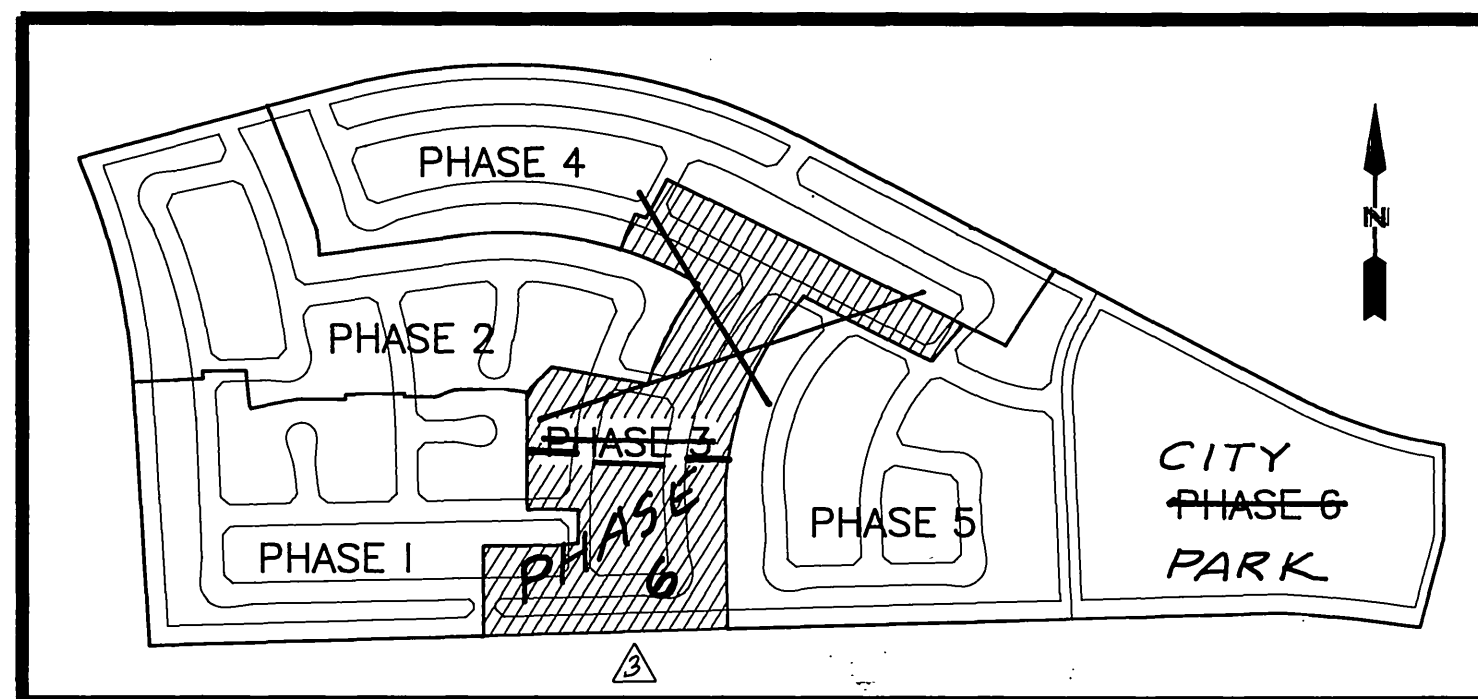
TRACT 21709-~~36~~ ³

GENERAL NOTES

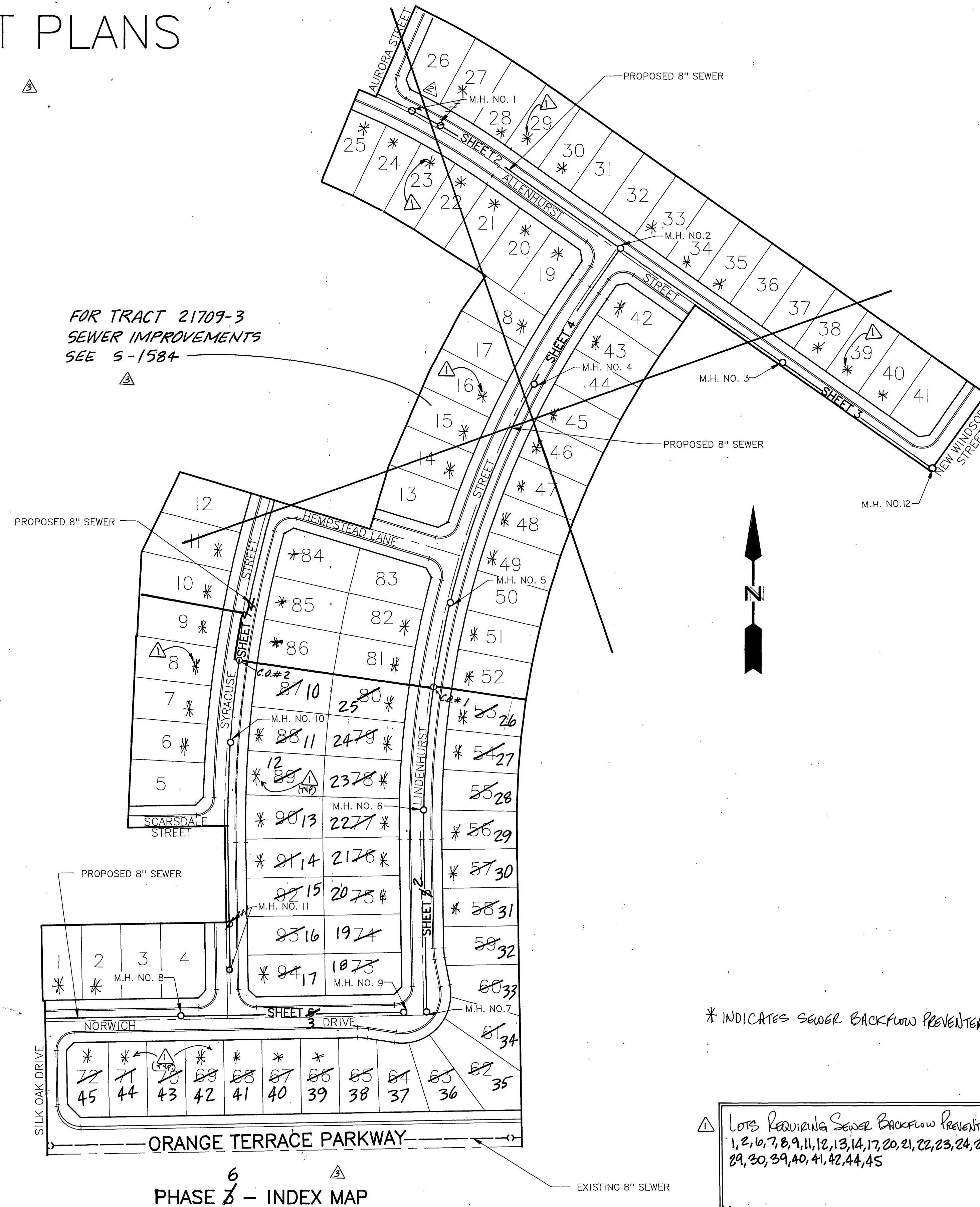
1. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY 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 DEPARTMENT OF PUBLIC WORKS STANDARD DRAWINGS, STD. DWG. NO. 16, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION. ^{175 SUPPLEMENTAL NOTES}
4. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
5. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
6. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
7. NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 4' ABOVE THE SEWER FLOW LINE AT THE POINT OF CONNECTION WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
8. 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.
9. ALL MANHOLES TO BE PER CITY OF RIVERSIDE STD. DWG. NO. 500.
10. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
11. THE CONTRACTOR SHALL CALL IN A LOCATIONS REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 1-800-422-4133, 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 USA.
12. 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.
13. NOTICE TO CONTRACTOR. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE 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 AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
14. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
15. ALL CLEANOUTS TO BE PER CITY OF RIVERSIDE STD. DWG. NO. 560.
16. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN PUBLIC-RIGHTS-OF-WAY OR EASEMENT 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.



VICINITY MAP
NOT TO SCALE



PHASE MAP
NOT TO SCALE



FOR TRACT 21709-3
SEWER IMPROVEMENTS
SEE S-1584

PHASE 6 - INDEX MAP

SCALE: 1"=100'

CONSTRUCTION NOTES

1. CONSTRUCT MANHOLES PER CITY OF RIVERSIDE STD. DWG. NO. 500.
2. WHERE SEWER IS 6.5' DEEP WHEN THE CLEARANCE BETWEEN SEWER AND WATER IS LESS THAN 2'. CONSTRUCT SEWER LATERAL PER CITY OF RIVERSIDE STD. DWG. NO. 562, NOTE 3.
3. CONSTRUCT 4" LATERAL TO PROPERTY LINE PER CITY OF RIVERSIDE STD. DWG. NO. 562A. ^{WITH CLEANOUT}
4. CONSTRUCT 8" V.C.P. SEWER.
5. CONSTRUCT C.O. PER CITY OF RIVERSIDE STD. DWG. NO. 560.

LEGEND

- PROPOSED V.C.P. SEWER
- - - EXISTING V.C.P. SEWER
- MANHOLE
- CLEANOUT

* INDICATES SEWER BACKFLOW PREVENTER REQUIRED

Lots Requiring Sewer Backflow Preventer:
1, 2, 6, 7, 8, 9, 11, 12, 13, 14, 17, 20, 21, 22, 23, 24, 25, 26, 27, 29, 30, 39, 40, 41, 42, 44, 45

REVIEWED BY
WESTERN MUNICIPAL WATER DISTRICT
SHEET 1 THRU 7
PRINCIPAL ENG. R.C.E. 21643
DATE 5/22/90

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

PRIVATE ENGINEERING NOTE
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.



PREPARED UNDER THE DIRECTION OF:
ROGER S. CUNLIFFE-OWEN RCE# 27794
EXPIRATION DATE: DATE 4/13/90
APPROVED BY:

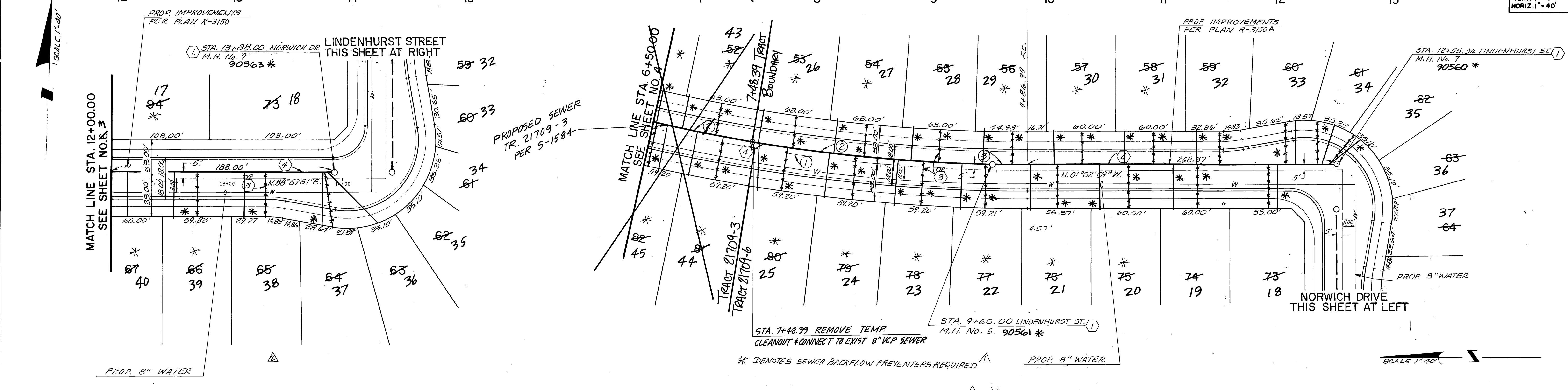
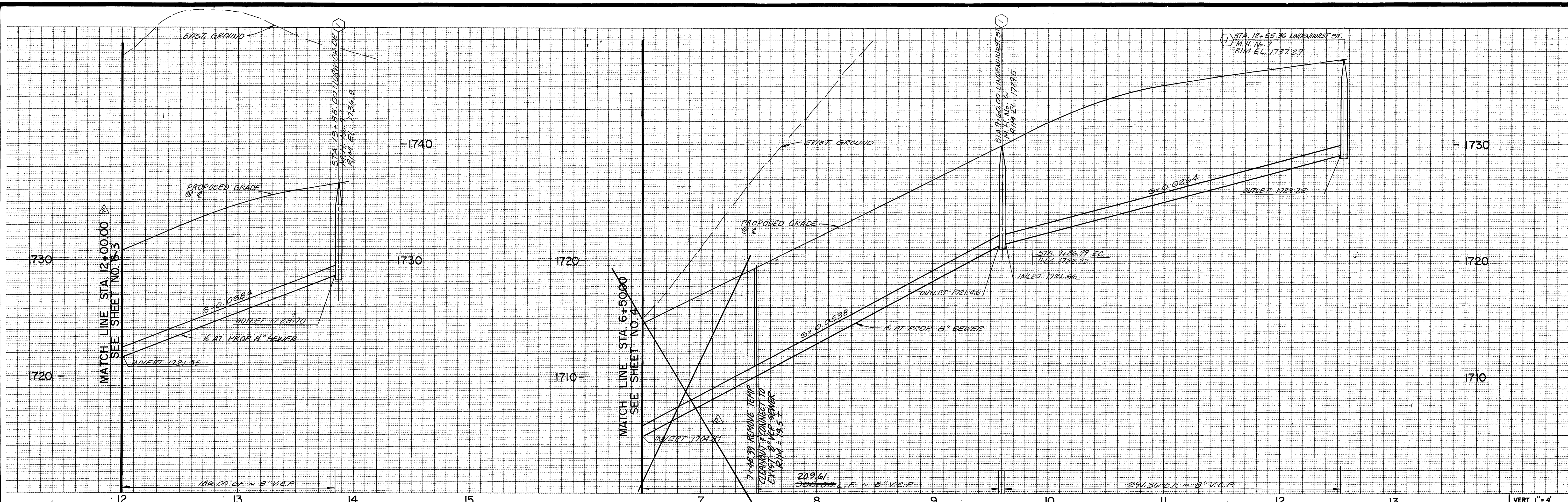
J.F.D. J. F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING
ARCHITECTURE LANDSCAPE ARCHITECTURE
27349 Jefferson, Suite 115, P.O. Box 340, Rancho California, CA 92390
(714) 676-7710 FAX 714-699-1981
SCALE AS NOTED BENCH MARK: V.B. 10-64 ELEV. 1700.670 DATE: 1971 BRASS DISK
DATE FEBRUARY 1990 INT. OF VAN BUREN & WOOD RD., 205' N. OF VAN BUREN @ THE N.E. SIDE OF GRANITE BOULDERS, ON TOP OF 3x15x18' BOULDER.

REVISIONS
REVISOR DATE
1. REVISED TO REFLECT TRACT PHASING CHANGE JWC
2. REVISED PROP. SEWER PLAN AND ADDED SEWER BACKFLOW PREVENTERS JWC
DESIGNED BY D.A.M. DRAWN BY D.A.M. CHECKED BY T.M.P. APPROVED BY DATE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
APPROVED BY DATE BY APPROVED BY DATE
PRINCIPAL ENGINEER 6/15/90
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGINEER C.H. RUC 6/15/90

TRACT 21709-36
SEWER IMPROVEMENT
PLANS
TITLE SHEET
S-1584A
OF 7 SHEETS
FOR S.I.C. W.O.F.B. FILE NO. 8911167
INDEXED 4-9-92

* AS-BUILT 5-27-03 LHL



CURVE DATA

No	PC	R	PT	LC
1	12+00.00	1450.00	13+88.00	1450.00
2	13+88.00	1450.00	12+00.00	1450.00
3	12+00.00	1450.00	13+88.00	1450.00



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

PRIVATE ENGINEERING NOTE
 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 INSTRUMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND MAY BE LIMITED TO 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.

PREPARED UNDER THE DIRECTION OF:
 Robert S. Carlisle
 DATE: 4/13/90
 APPROVED BY:
 DATE:

J.F. Davidson Associates, Inc.
 ENGINEERING, PLANNING, SURVEYING, ARCHITECTURE, LANDSCAPE ARCHITECTURE
 27249 Jefferson, Suite 116, P.O. Box 340, Rancho California, CA 92390
 (714) 676-7710 FAX 714-699-1981

SCALE: AS NOTED
 DATE: FEBRUARY, 1990
 BENCH MARK: V.B. 10-64 ELEV. 1700.670 DATE 1971 BRASS DISK FLUSH & MARKED V.B. 10-64, 0.6 MILE ON VAN BUREN BLVD. FROM C.I. INT. OF VAN BUREN & WOOD RD. 205 N. OF VAN BUREN & THE N.E. SIDE OF GRANITE BOULDER ON TOP OF ST. 15.18 BOULDER

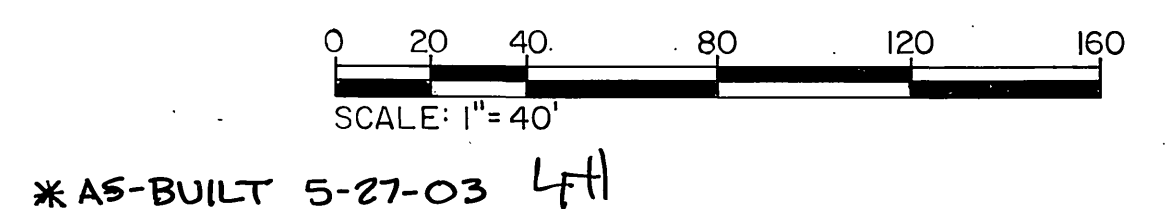
REVISIONS
 1. REVISED TO REFLECT TRACT PHASING
 2. CHANGE Desc FROM
 3. ADDED BACKFLOW PREVENTERS
 DESIGNED BY: TP DRAWN BY: JL CHECKED BY: TP

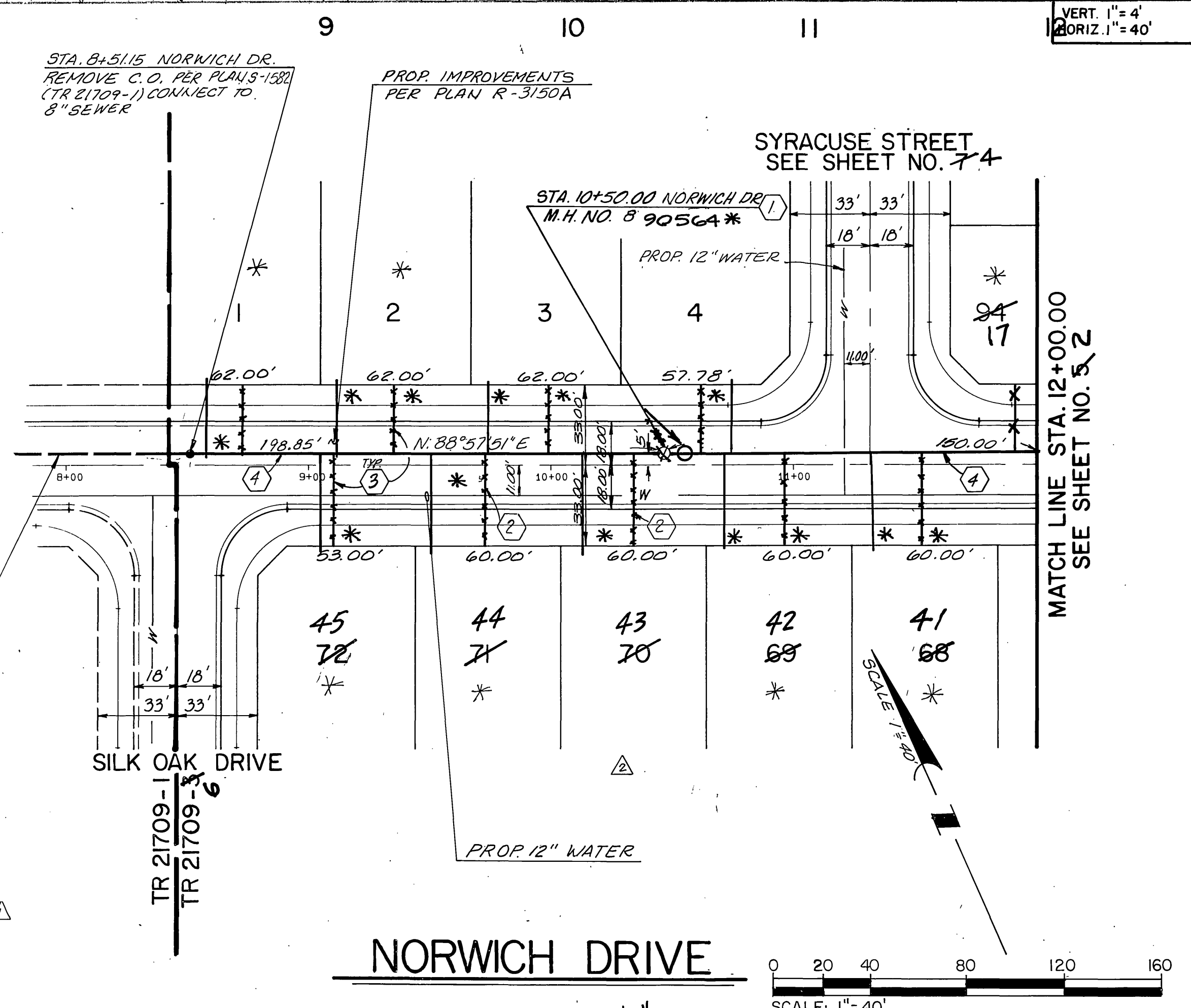
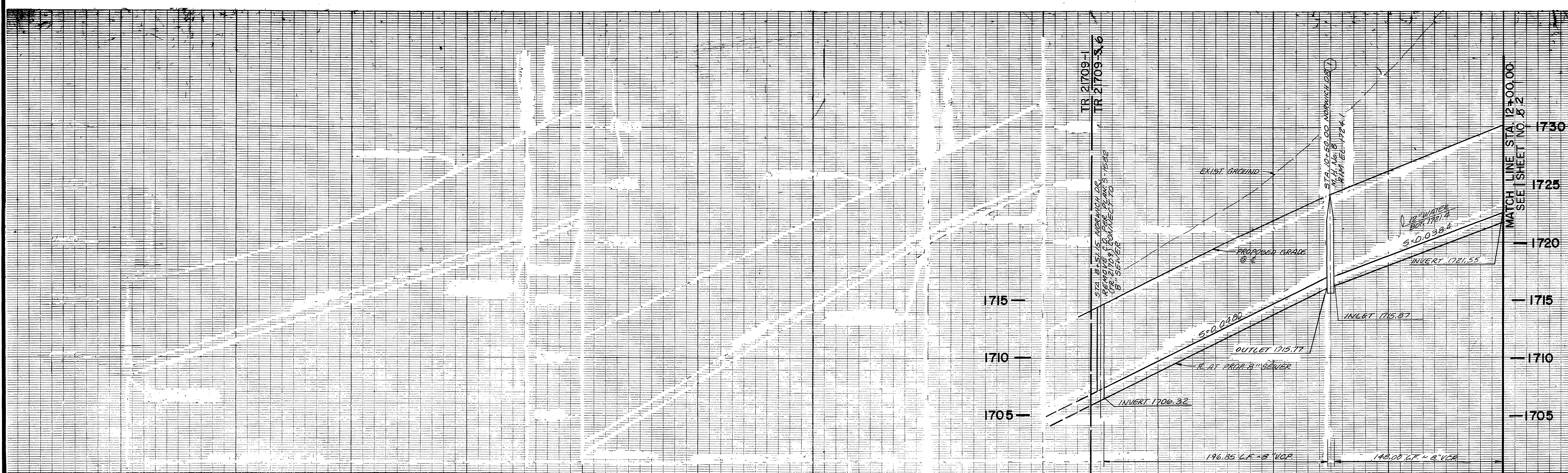
CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]
 DATE: 6/15/90
 TRAFFIC DIVISION
 CHIEF P.W. ENGINEER

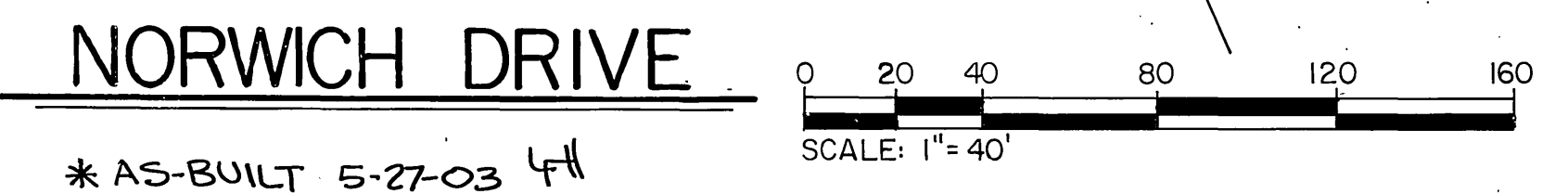
TRACT 21709-36
 SEWER PLAN AND PROFILE
 NORWICH DR & LINDENHURST ST.
 STA. 12+00.00 TO STA. 13+88.00 NORWICH DR.
 STA. 6+50.00 TO STA. 12+55.36 LINDENHURST ST.
 HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'

ACCOUNT NO. 891167
 S-1584 A
 SHEET 2 OF 7
 FOR S.I.C.





* DENOTES SEWER BACKFLOW PREVENTERS REQUIRED



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

PRIVATE ENGINEERING NOTE
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PREPARED UNDER THE DIRECTION OF:
Roger S. Gurliff
DATE: 4/13/90
APPROVED BY:
DATE:

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
27349 Jefferson, Suite 115, P.O. Box 340, Rancho California, CA 92390
(714) 676-7710 FAX 714-699-1981

SCALE: AS NOTED
BENCH MARK: V.B. 10-64 ELEV. 1700.670 DATE 1971 BRASS DISK FLUSH & MARKED V.B. 10-64. 0.6 MILE ON VAN BUREN BLVD. FROM CL INT. OF VAN BUREN & WOOD RD. 205' N. OF VAN BUREN & THE N.E. SIDE OF GRANITE BOULDER ON TOP OF 3/4" DIA. 18" BOULDER.

MARK	REVISIONS	APPR.	DATE
Δ	REVISED TO REFLECT TRACT PHASING CHANGES		12/14/89
Δ	ADDED BACKFLOW PREVENTERS		

DESIGNED BY: TP DRAWN BY: JC CHECKED BY: TP

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	4/7/90	WJL
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P. W. ENGINEER		

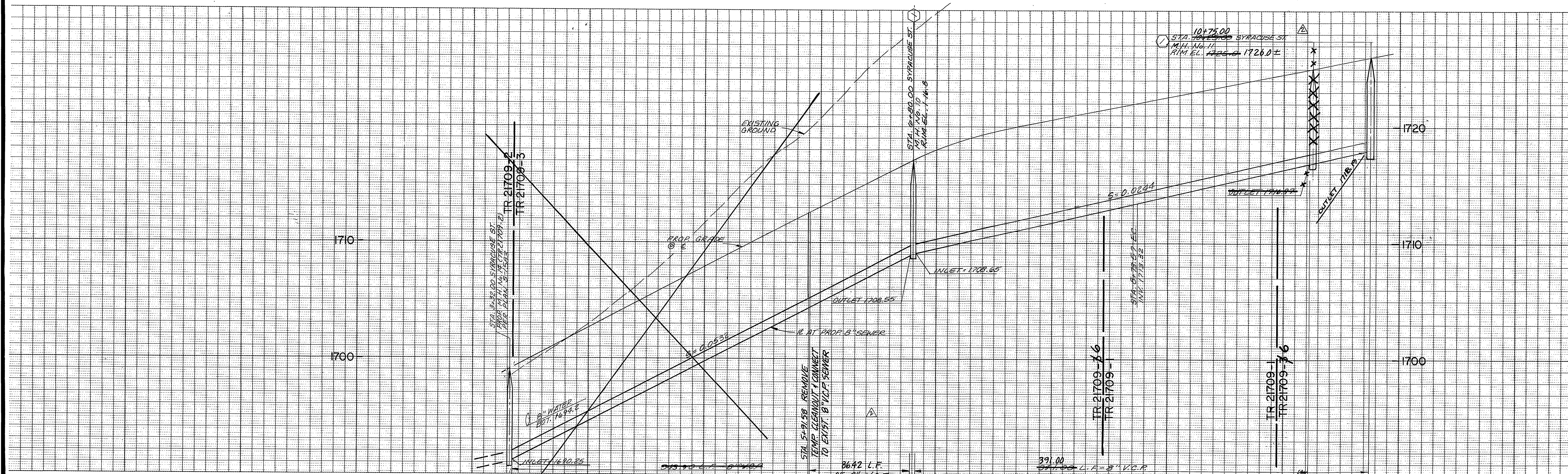
APPROVED BY: *Barry Bell*
PUBLIC WORKS DIRECTOR
DATE: 6/15/90

TRACT 21709-36
SEWER PLAN AND PROFILE
NORWICH DRIVE
STA. 8+51.15 TO STA. 12+00.00

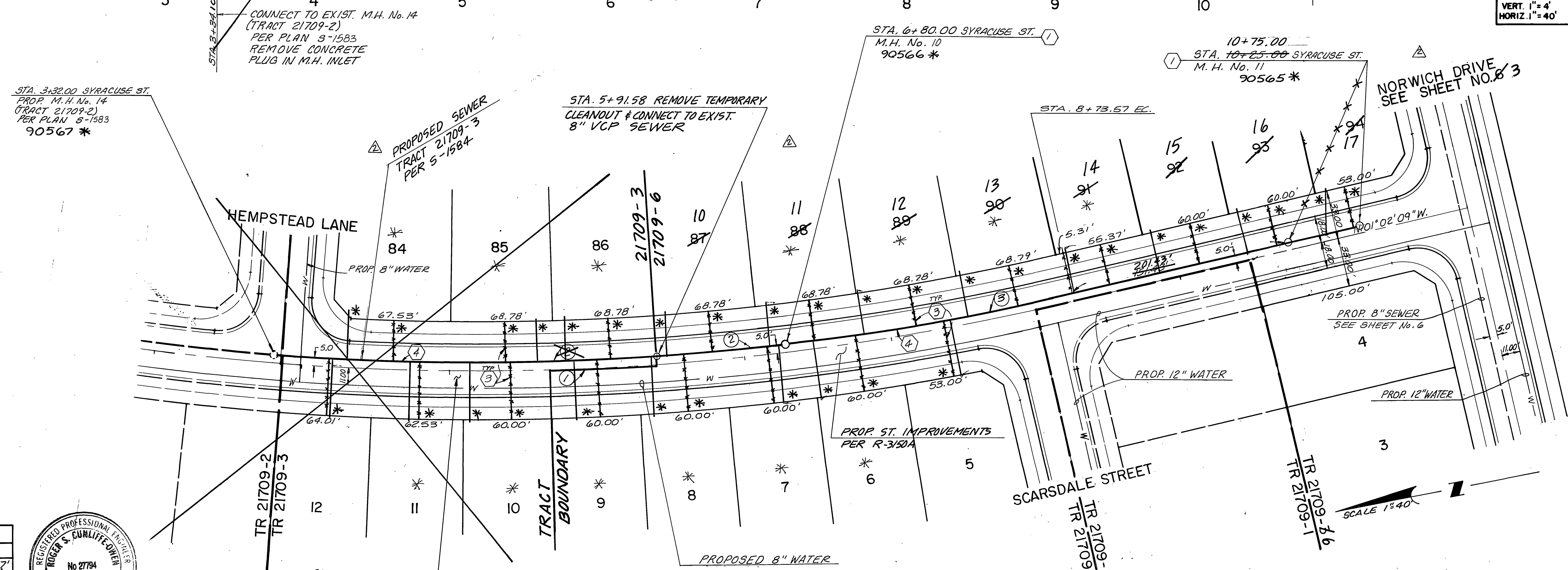
ACCOUNT NO. 8911167
S-1584A
38 OF 41 SHEETS
FOR S.I.C.

HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'

INDEXED 4-9-92



VERT. 1" = 4'
HORIZ. 1" = 40'



CURVE DATA				
No.	Δ	R	L	T
①	17°39'09"	1750.0'	541.01'	272.67'
②	11°24'07"	1751.0'	343.72'	113.50'
③	06°20'02"	1751.0'	193.57'	96.38'



Underground Service Alert
Call: TOLL FREE
1-800-422-4133
Two Working Days Before You Dig.

PRIVATE ENGINEERING NOTE
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PREPARED UNDER THE DIRECTION OF:
Roger S. Cunliffe
DATE: 4/13/90
APPROVED BY:
DATE:

IFD J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
27340 Jefferson, Suite 115, P.O. Box 940, Rancho California, CA 92390
(714) 678-7710 FAX 714-699-1981

SCALE: AS NOTED
DATE: FEBRUARY, 1990
BENCH MARK: V.B. 10-64 ELEV. 1700.670 DATE 1971 BRASS DISK FLUSH & MARKED V.B. 10-64 0.6 M.I.E. ON VAN BUREN BLVD. FROM C.I. INT. OF VAN BUREN & WOOD RD. 205' N. OF VAN BUREN & THE N.E. SIDE OF GRANITE BOULDER ON TOP OF ST. 15.18' BOUNDARY

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT

DESIGNED BY: TP	DRAWN BY: JL	CHECKED BY: TR
REVISOR	DATE	BY
①	7/19/93	WJL
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TRACT 21709-36
SEWER PLAN AND PROFILE
SYRACUSE STREET
STA. 3+34.00 to STA. 10+25.00

ACCOUNT NO. 891167
S-1584 A
SHEET 4 OF 7
FOR S.I.C.

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

INDEXED 4-9-92 LTH