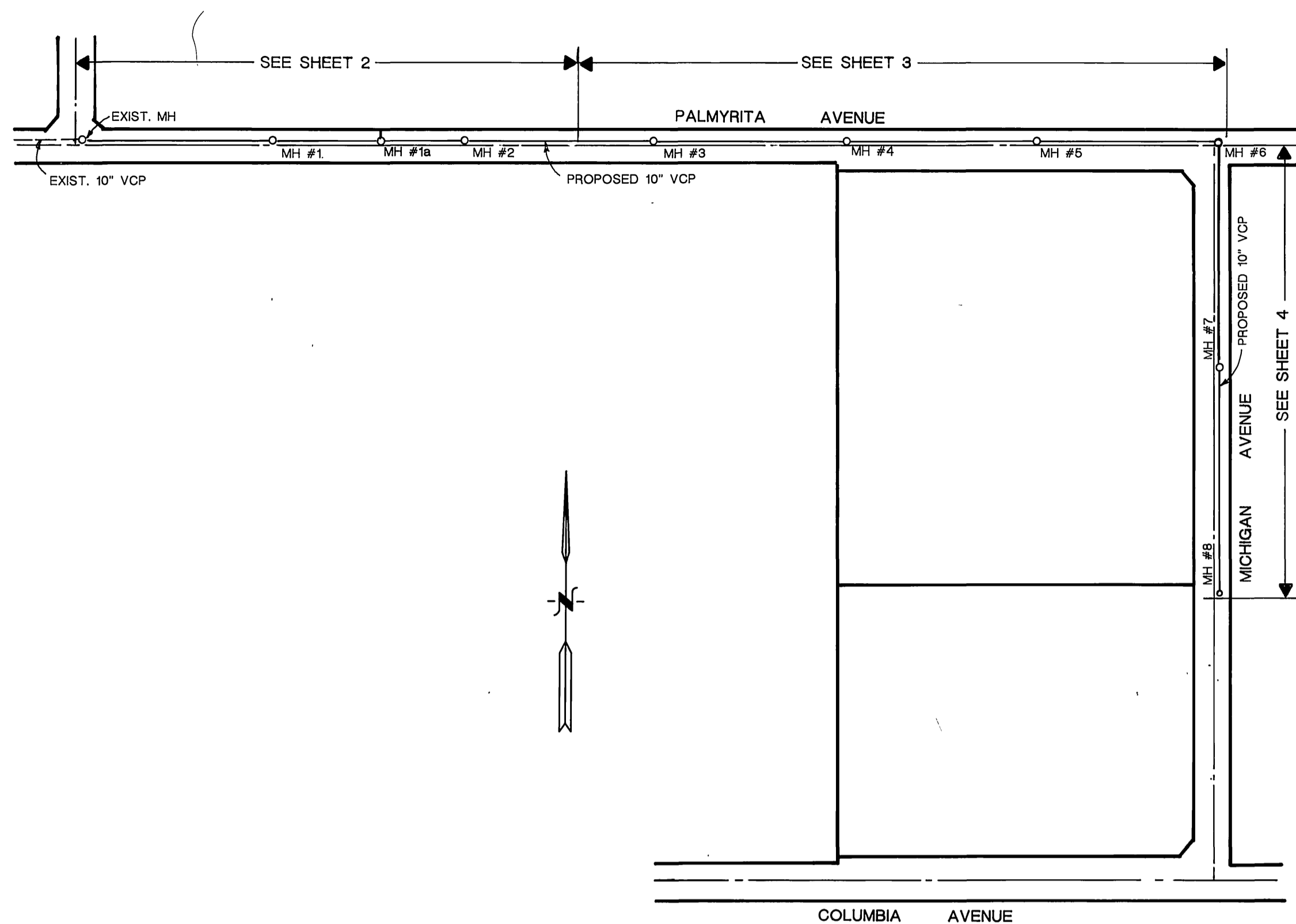
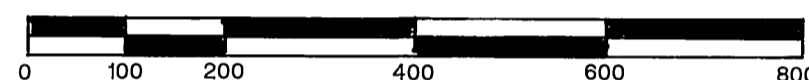


VICINITY MAP
NO SCALE



INDEX MAP

SCALE: 1" = 200'



GENERAL NOTES:

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- 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.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 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 THE ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- 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.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- 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 INSPECTOR.
- THE CONTRACTOR SHALL CALL IN A LOCATION 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 USA.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION. NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 4' ABOVE THE SEWER FLOW LINE AT POINT OF CONNECTION WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
- A PLUG SHALL BE INSTALLED AND WILL REMAIN IN PLACE WHERE THE MAIN SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.

ENGINEERS NOTES TO CONTRACTOR:

- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN ARE 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 DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS.
- ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR, AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS "CONSTRUCTION SAFETY ORDERS".
- THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, "CONSTRUCTION SAFETY ORDERS".
- THE CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

PROPOSED SEWER QUANTITIES

NO.	ESTIMATED	UNIT	ITEM
1	2870	LF	10" VCP Sewer Main Line
2	100	LF	6" VCP Sewer Lateral per Std 562A
3	8	EA	Manhole Complete per Std 500
4	2	EA	6" on 10" Wye with R/W Cleanout per Std 562A
5	580	LF	Saw Cut Existing AC Paving
6	55996	SF	Remove and Replace Existing AC Paving.
7	2964	LF	Trenching and Backfill per Std 453
8	2	EA	10" Plug
9	1	EA	8" Plug
10	44	LF	8" VCP SEWER LATERAL

NOTE:

THE ESTIMATED QUANTITIES HEREON ARE ONLY FOR THE PURPOSE OF OBTAINING THE NECESSARY PERMITS. THE CONTRACTOR SHALL PERFORM HIS OWN QUANTITY TAKEOFF BEFORE SUBMITTING A BID FOR ANY PORTION OF THE IMPROVEMENTS COVERED BY THESE PLANS.

UNAUTHORIZED CHANGES AND USES:

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

CONSTRUCTION NOTES:

- CONSTRUCT 10" VCP SEWER MAIN LINE
- CONSTRUCT 6" VCP SEWER LATERAL AND R/W CLEANOUT PER STD 562A
- CONSTRUCT MANHOLE COMPLETE PER STD 500
- INSTALL 6" ON 10" WYE PER STD 562A
- SAW CUT EXISTING AC PAVING
- REMOVE AND REPLACE EXISTING AC PAVING
- TRENCHING AND BACKFILL PER STD 453
- INSTALL 10" END PLUG
- INSTALL 8" END PLUG
- CONSTRUCT 8" VCP SEWER LATERAL

BENCHMARK

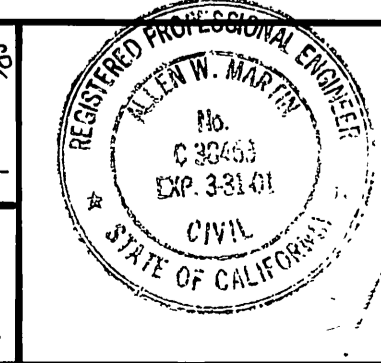
J8-H3
ELEVATION: 981.648

LEAD & TACK IN TOP OF CONCRETE OF CATCH BASIN. LOCATED IN THE NORTHWEST CORNER OF CATCH BASIN IN THE SOUTHWEST CORNER OF PALMYRITA AVENUE AND NORTHGATE SOUTHERLY.

SOUTHERN CALIFORNIA GAS COMPANY
APPROVED BY: *[Signature]* DATE: 8-18-98

CITY OF RIVERSIDE OVERHEAD & UNDERGROUND
GAGE CANAL
APPROVED BY: *[Signature]* DATE: 8/15/98

CITY OF RIVERSIDE WATER SYSTEM
PACIFIC BELL TELEPHONE
APPROVED BY: *[Signature]* DATE: 8/15/98



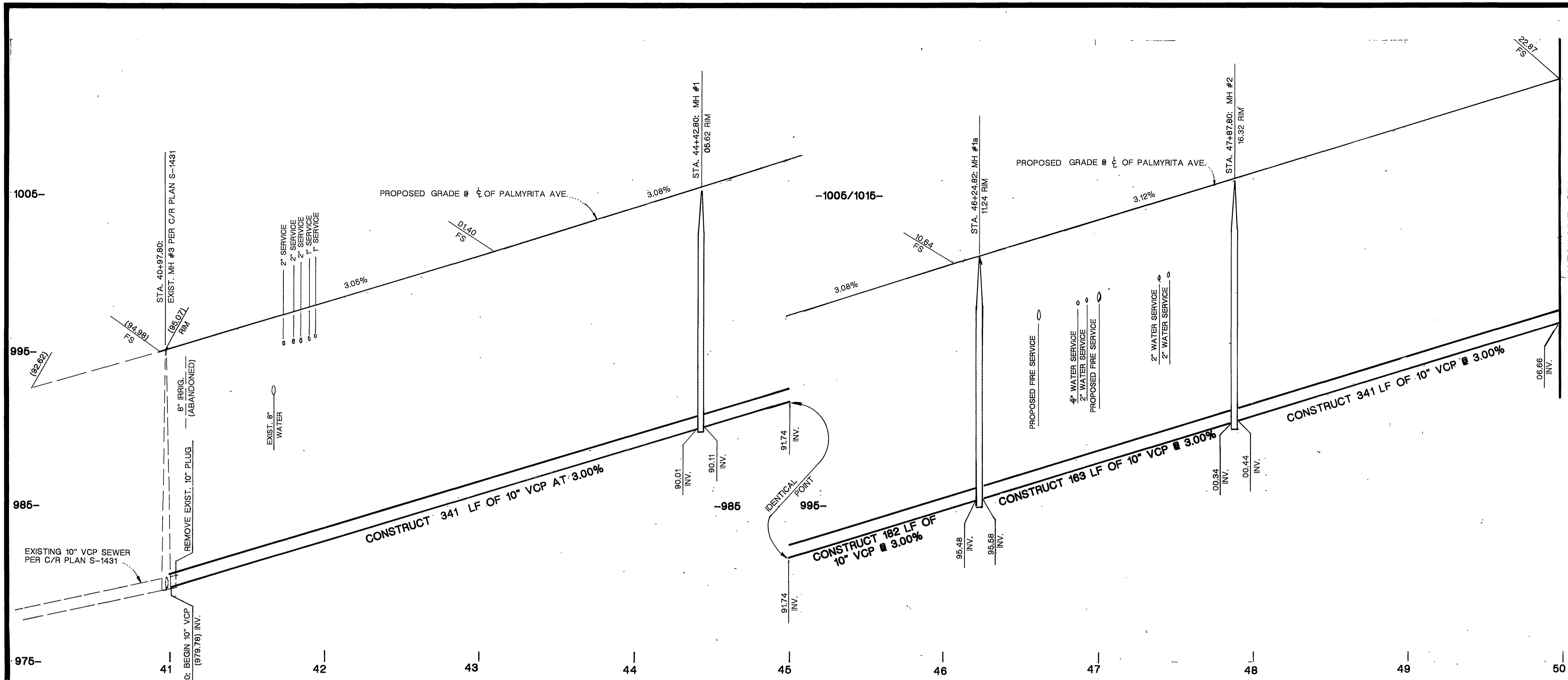
Southland Engineering
2200 BUSINESS WAY, STE. 100
RIVERSIDE, CA. 92501
(909) 788-8488
PREPARED UNDER THE SUPERVISION OF
[Signature] DATE: 8/27/98
ALLEN W. MARTIN R.C.E. 38483 EXP. 3-31-01

MARK REVISIONS APPR. DATE
DESIGNED BY: AWM DRAWN BY: AR CHECKED BY: AWM

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
APPROVED BY: *[Signature]* DATE: 10-2-98
PRINCIPAL ENGINEER
TRAFFIC DIVISION
DATE: 10-2-98

SEWER PLAN AND PROFILE
PALMYRITA AVENUE SEWER EXTENSION
MP-002-978
HORIZ. SCALE: 1" = 200' VERT. SCALE: 1" = -

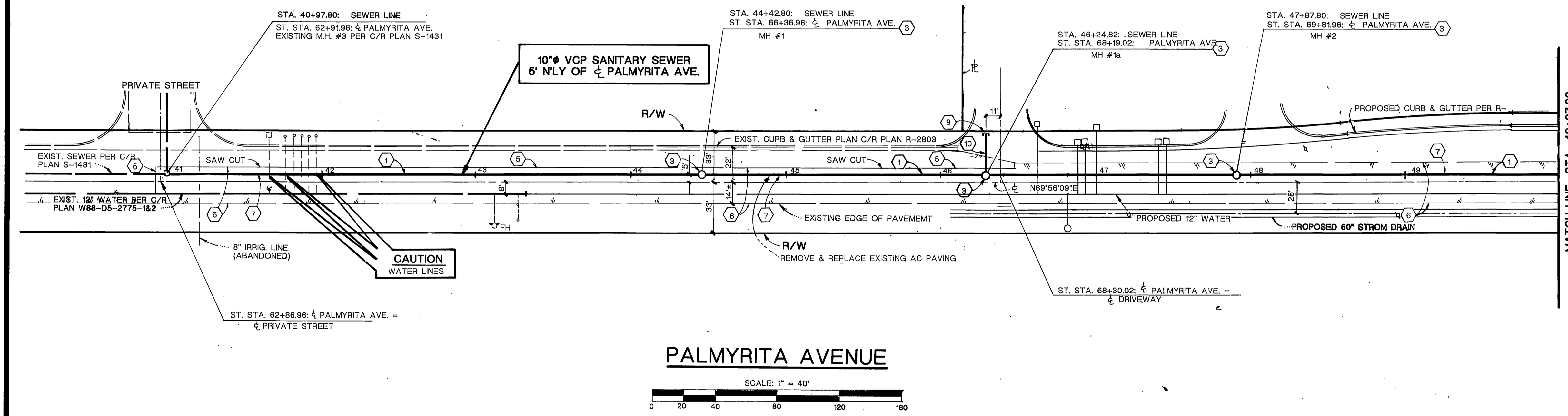
ACCOUNT NO. S-1701
SHEET 1 OF 4
98105



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

CONSTRUCTION NOTES:

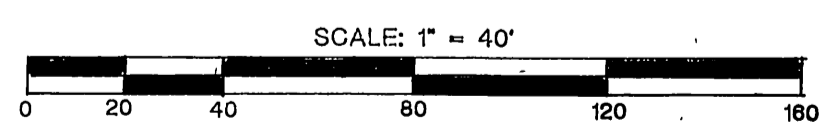
- ① CONSTRUCT 10" VCP SEWER MAIN LINE
- ② CONSTRUCT MANHOLE COMPLETE PER STD 500
- ③ SAW CUT EXISTING AC PAVING
- ④ REMOVE AND REPLACE EXISTING AC PAVING
- ⑤ TRENCHING AND BACKFILL PER STD 453
- ⑥ INSTALL 8" END PLUG
- ⑦ CONSTRUCT 8" VCP SEWER LATERAL



BENCHMARK

J8-H3
 ELEVATION: 981.648
 LEAD & TACK IN TOP OF CONCRETE OF CATCH BASIN, LOCATED IN THE NORTHWEST CORNER OF CATCH BASIN IN THE SOUTHWEST CORNER OF PALMYRITA AVENUE AND NORTHGATE SOUTHERLY.

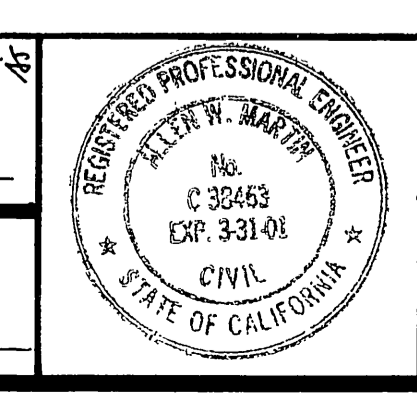
PALMYRITA AVENUE



SOUTHERN CALIFORNIA GAS COMPANY
 APPROVED BY *W.D. Freeman* 8-18-98
 DATE

CITY OF RIVERSIDE
 OVERHEAD & UNDERGROUND
 CHIEF UTILITIES ENGINEER-ELECTRICAL
 APPROVED BY *Richard R. DeLute* 8/25/98
 DATE

CITY OF RIVERSIDE
 WATER SYSTEM
 CHIEF UTILITIES ENGINEER-CIVIL
 APPROVED BY *H.B. Jamgueli* 8/25/98
 DATE



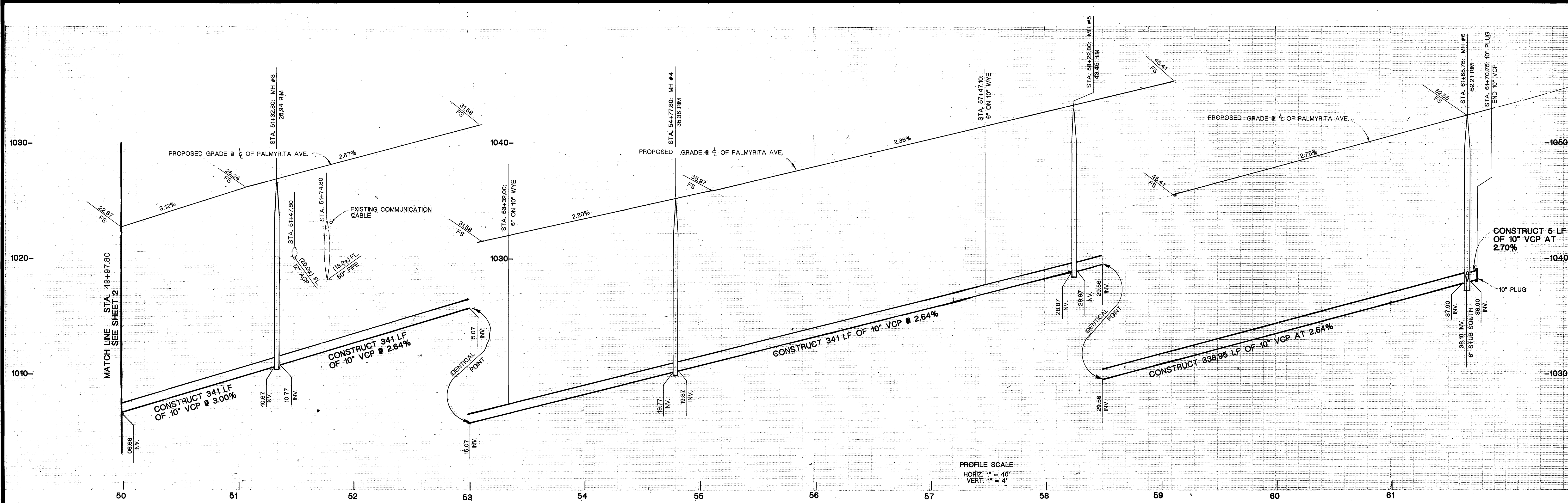
Southland Engineering
 2200 BUSINESS WAY, STE. 100
 RIVERSIDE, CA. 92501
 (909) 788-8488
 PREPARED UNDER THE SUPERVISION OF
Allen W. Martin 8/27/98
 DATE

MARK	REVISIONS	APPR. DATE

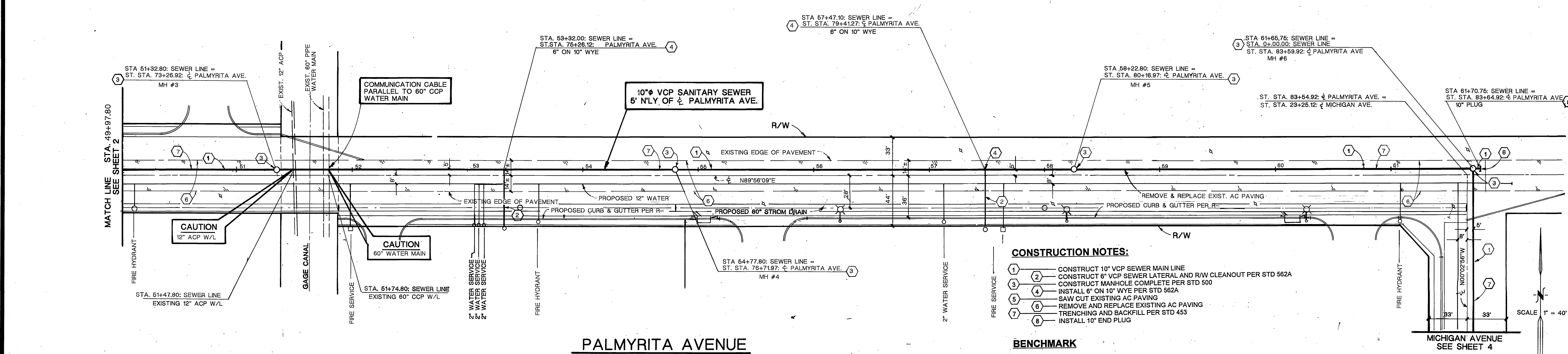
CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT
 APPROVED BY *R. McQuinn*
 DATE 10-2-98
 PUBLIC WORKS DIRECTOR

SEWER PLAN AND PROFILE
 PALMYRITA AVENUE
 SEWER EXTENSION
 MP-002-978
 FROM STA. 40+97.80 TO 49+97.80
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO.
S-1701
 SHEET 2 OF 4
 98105



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

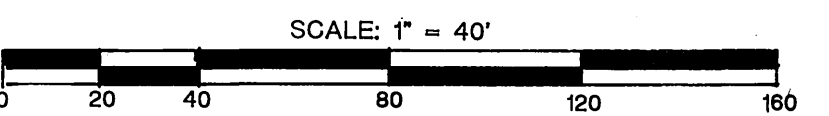


- CONSTRUCTION NOTES:**
- 1 CONSTRUCT 10" VCP SEWER MAIN LINE
 - 2 CONSTRUCT 6" VCP SEWER LATERAL AND RAW CLEANOUT PER STD 562A
 - 3 CONSTRUCT MANHOLE COMPLETE PER STD 500
 - 4 INSTALL 6" ON 10" WYE PER STD 562A
 - 5 SAW CUT EXISTING AC PAVING
 - 6 REMOVE AND REPLACE EXISTING AC PAVING
 - 7 TRENCHING AND BACKFILL PER STD 453
 - 8 INSTALL 10" END PLUG

BENCHMARK

J8-H3
 ELEVATION: 981.648
 LEAD & TACK IN TOP OF CONCRETE OF CATCH BASIN. LOCATED IN THE NORTHWEST CORNER OF CATCH BASIN IN THE SOUTHWEST CORNER OF PALMYRITA AVENUE AND NORTHGATE SOUTHERLY.

PALMYRITA AVENUE



SOUTHERN CALIFORNIA GAS COMPANY
 APPROVED BY: *Det Freeman* 8-18-98
 DATE

CITY OF RIVERSIDE OVERHEAD & UNDERGROUND
 APPROVED BY: *Richard J. Duda* 8/25/98
 DATE
 CHIEF UTILITIES ENGINEER-ELECTRICAL
 GAGE CANAL
 APPROVED BY: *[Signature]* 8/18/98
 DATE

CITY OF RIVERSIDE WATER SYSTEM
 APPROVED BY: *H.B. Samajich* 8/25/98
 DATE
 PACIFIC BELL TELEPHONE

REGISTERED PROFESSIONAL ENGINEER
 ALLEN W. MARTIN
 No. C 38463
 EXP. 3-31-01
 CIVIL
 STATE OF CALIFORNIA

Southland Engineering
 2200 BUSINESS WAY, STE. 100
 RIVERSIDE, CA 92501
 (909) 788-8488
 PREPARED UNDER THE SUPERVISION OF
 ALLEN W. MARTIN
 R.C.E. 38463
 EXP. 3-31-01
 DATE: 8/27/98

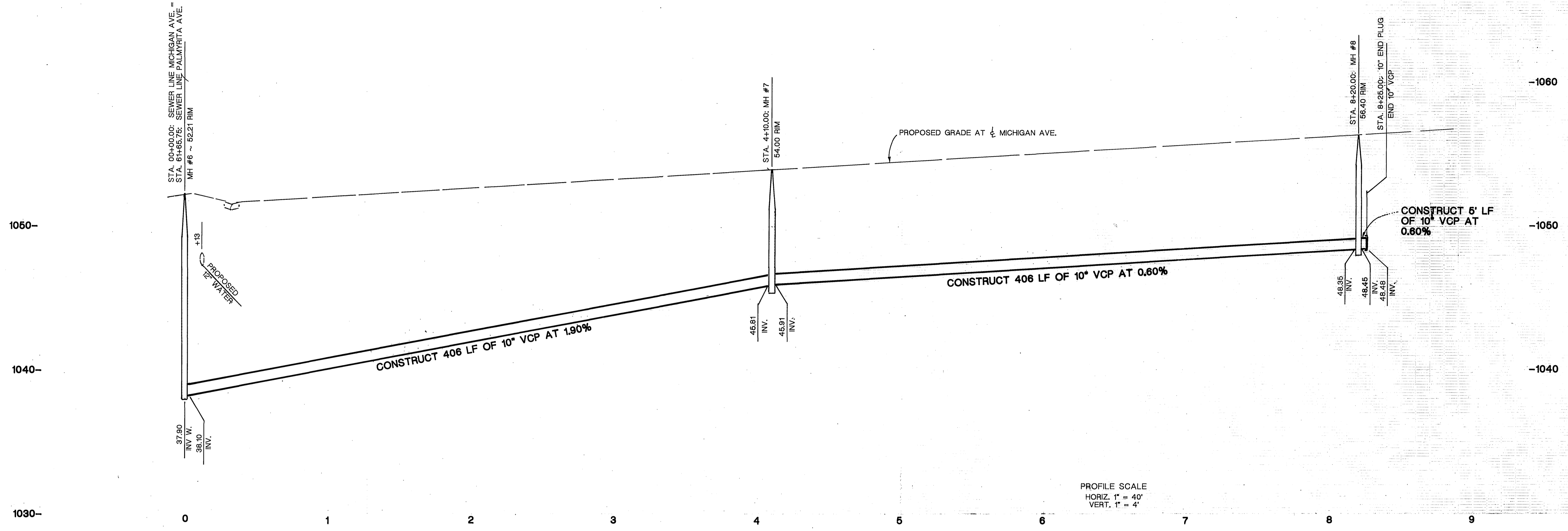
MARK REVISIONS APPR. DATE
 DESIGNED BY: AWM DRAWN BY: AR CHECKED BY: AWM

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY: *R. McBrath*
 PUBLIC WORKS DIRECTOR
 DATE: 10-2-98

SEWER PLAN AND PROFILE
 PALMYRITA AVENUE SEWER EXTENSION
 MP-002-978
 FROM STA. 49+97.80 TO STA. 61+70.75
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

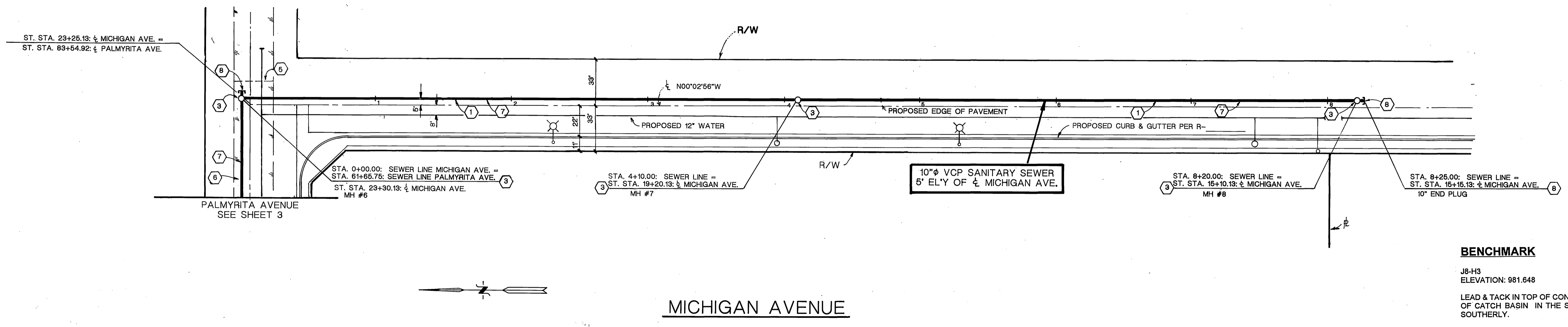
ACCOUNT NO. S-1701
 SHEET 3 OF 4
 98105

INDEXED 10-19-98 gfh

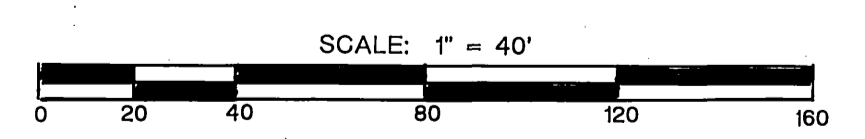


PROFILE SCALE
 HORIZ. 1" = 40'
 VERT. 1" = 4'

- CONSTRUCTION NOTES:**
- 1 CONSTRUCT 10" VCP SEWER MAIN LINE
 - 2 CONSTRUCT MANHOLE COMPLETE PER STD 500
 - 3 SAW CUT EXISTING AC PAVING
 - 4 REMOVE AND REPLACE EXISTING AC PAVING
 - 5 TRENCHING AND BACKFILL PER STD 453
 - 6 INSTALL 10" END PLUG



BENCHMARK
 J8-H3
 ELEVATION: 981.648
 LEAD & TACK IN TOP OF CONCRETE OF CATCH BASIN. LOCATED IN THE NORTHWEST CORNER OF CATCH BASIN IN THE SOUTHWEST CORNER OF PALMYRITA AVENUE AND NORTHGATE SOUTHERLY.

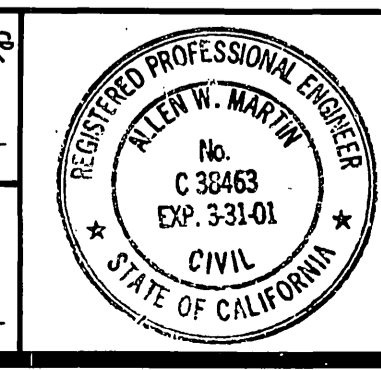


SOUTHERN CALIFORNIA GAS COMPANY
 APPROVED BY *[Signature]* DATE 8-18-98

USA
 1-800-227-2600

CITY OF RIVERSIDE OVERHEAD & UNDERGROUND
 APPROVED BY *[Signature]* DATE 8/25/98
 CHIEF UTILITIES ENGINEER-ELECTRICAL

CITY OF RIVERSIDE WATER SYSTEM
 APPROVED BY *[Signature]* DATE 8/28/98
 CHIEF UTILITIES ENGINEER



Southland Engineering
 2200 BUSINESS WAY, Ste. 100
 RIVERSIDE, CA. 92501
 (909) 788-8488
 PREPARED UNDER THE SUPERVISION OF
[Signature] DATE 8/27/98
 ALLEN W. MARTIN R.C.E. 38463 EXP. 3-31-01

MARK	REVISIONS	APPR. DATE

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
 APPROVED BY *[Signature]* DATE 10-2-98
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P. W. ENGINEER

SEWER PLAN AND PROFILE
MICHIGAN AVENUE SEWER EXTENSION
 MP-002-978
 FROM STA. 0+00.00 TO STA. 8+25.00
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO.
S-1701
 SHEET 4 OF 4
 98105

INDEXED 10-19-98