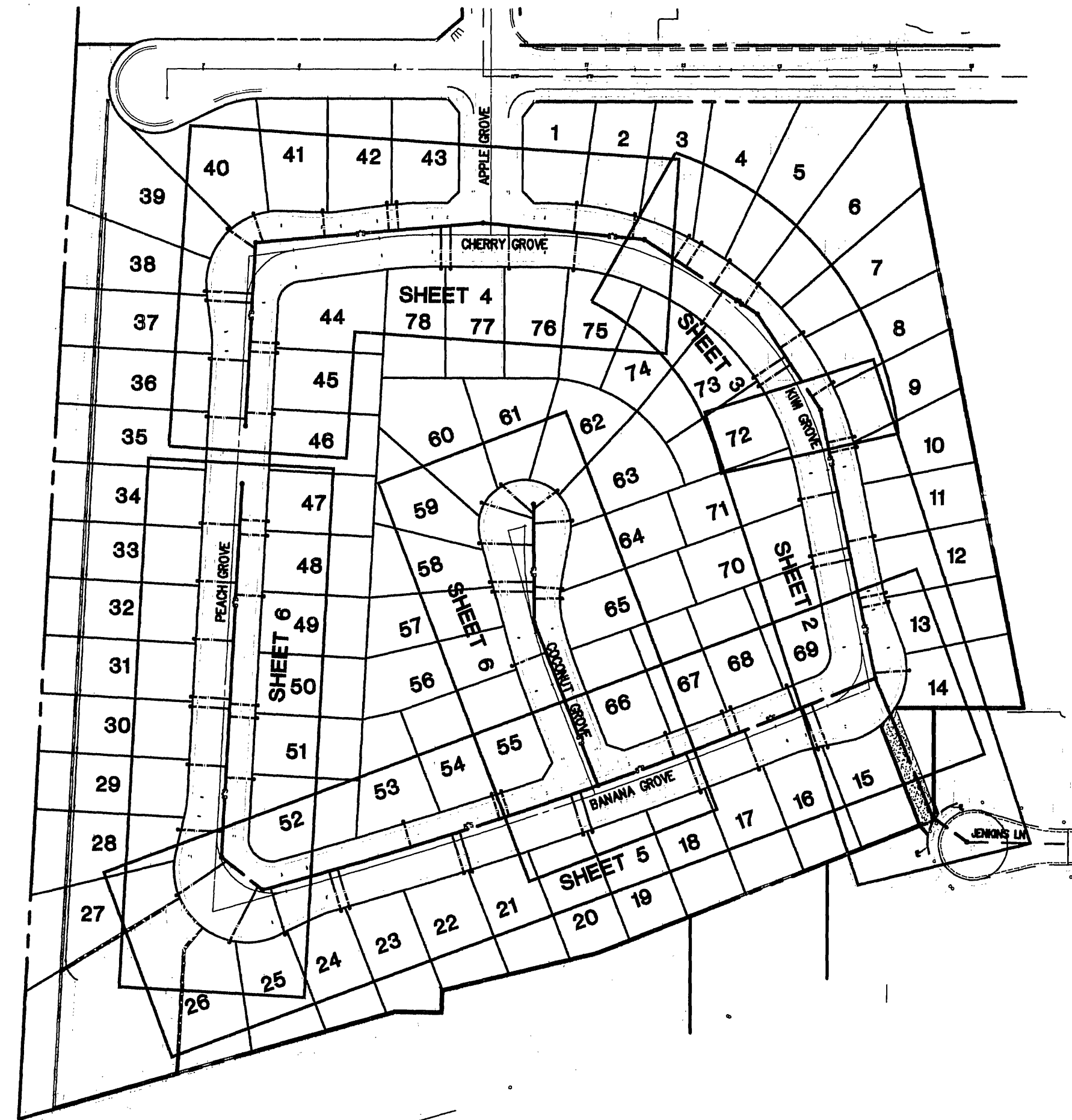


SEWER IMPROVEMENT PLAN

TM 33253

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, OR AN ENCROACHMENT 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 AN 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.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NUMBER 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.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
- NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 6" ABOVE THE UPPER MANHOLE RIM ELEVATION OF THE SEWER LINE SEGMENT BEING CONNECTED TO, WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
- 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.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.



INDEX MAP
NORTH N.T.S.

SHEET INDEX

SHEET 1 TITLE SHEET
SHEET 2-6 SEWER PLAN AND PROFILE

LEGEND

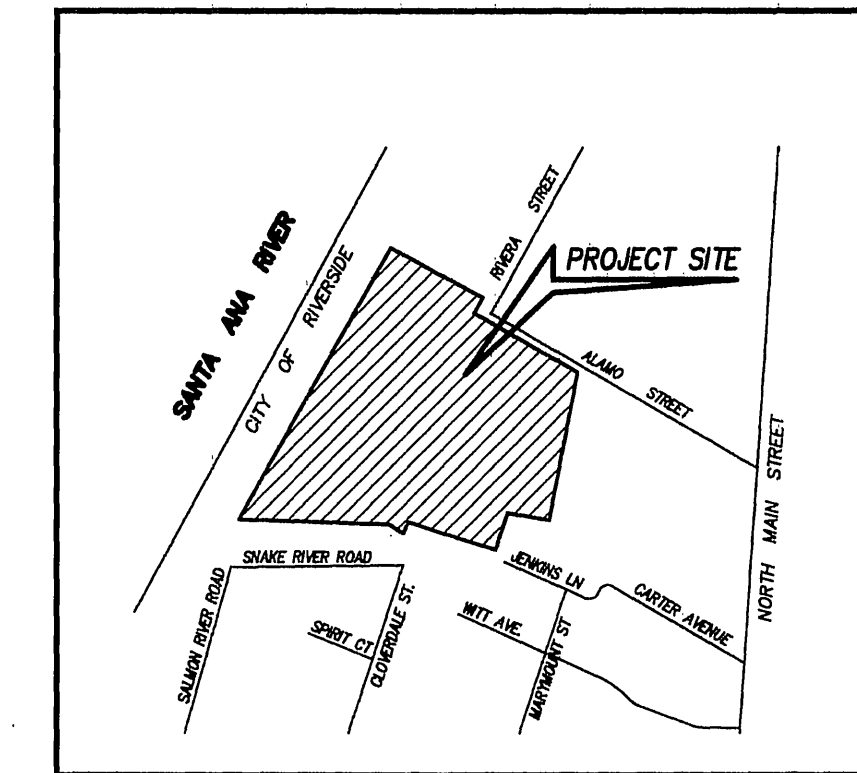
	EXIST. FIRE HYDRANT		PULL BOX
	PROPOSED FIRE HYDRANT		GRATE DRAIN
	STREET LIGHT		GAS REGULATOR
	TRAFFIC SIGNAL		WATER VALVE
	LIGHT STANDARD		BACKFLOW PREVENTOR
	POWER POLE		SEWER MANHOLE
	WM □ WATER METER		CO ○ SEWER CLEAN OUT
	GM □ GAS METER		Ⓟ PACIFIC BELL MH
	TEL □ TELEPHONE VAULT		

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QUANTITIES

- 1 EA
- 2758 LF
- 79 EA (2935 LF)
- 14 EA



VICINITY MAP
NORTH N.T.S.

MANHOLE LOCATION TABLE

MH #	STREET STATIONING R-3939	STREET PLAN SHT#	OFFSET (FT)
1	SEE PLAN		
2	16+06.32	4 OF 8	17.90 RT
3	23+93.32	3 OF 8	11.04 LT
4	22+77.95	3 OF 8	10.90 LT
5	21+41.48	3 OF 8	13.00 LT
6	19+76.09	3 OF 8	12.32 LT
7	17+49.08	3 OF 8	22.84 LT
8	15+71.00	2 OF 8	6.00 RT
9	15+10.81	2 OF 8	6.00 RT
10	11+23.22	2 OF 8	1.37 RT
11	10+63.92	2 OF 8	2.59 RT
12	13+04.35	4 OF 8	8.00 LT
13	11+89.23	5 OF 8	1.44 RT
14	SEE PLAN		

CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE NO. 118781 EXP. DATE : 01/05/07

WDID # 8-33C335446 PW 06-0157



CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-WATER DIVISION
MW McNeil 8/31/06
APPROVED DATE

IMPORTANT NOTICE
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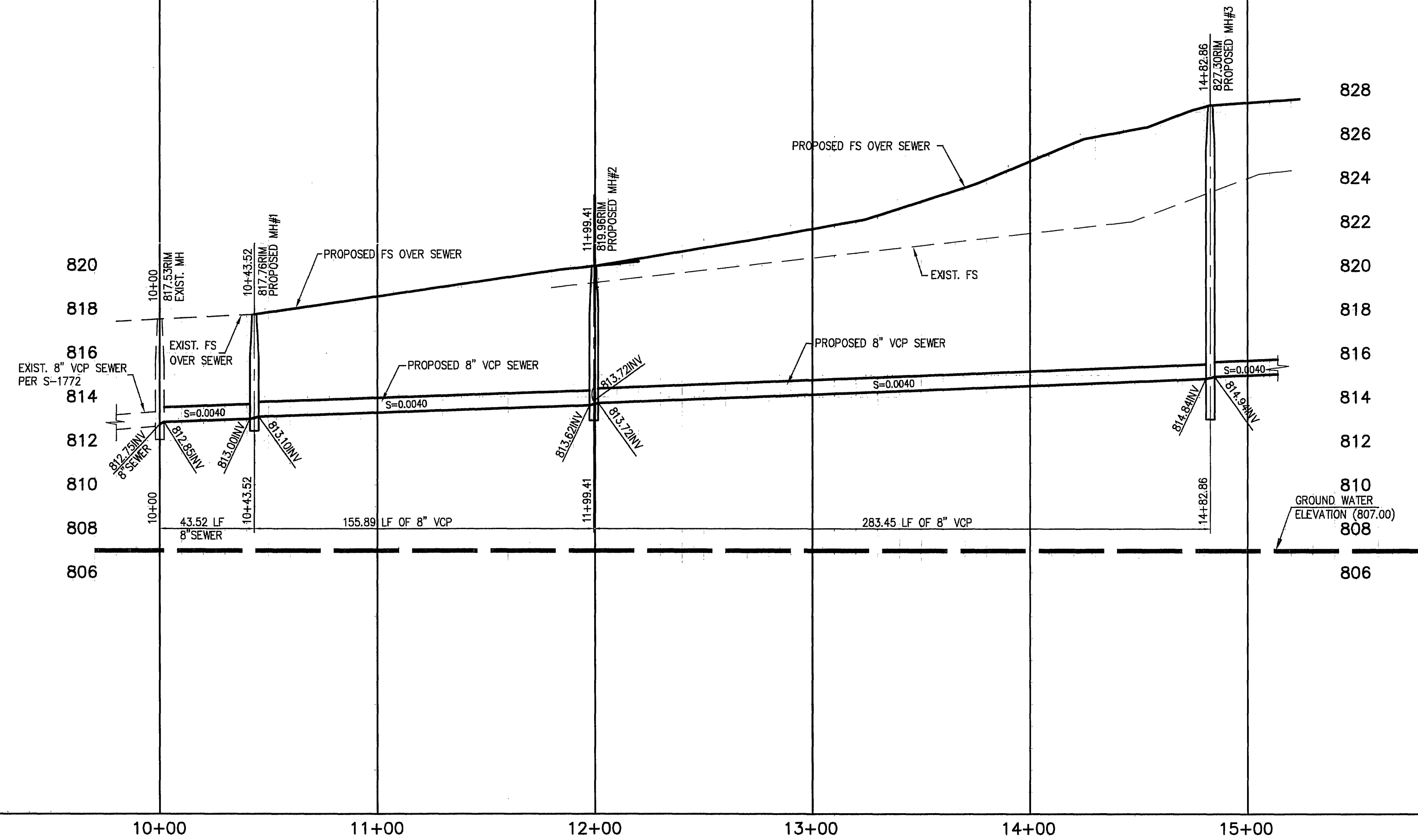
MARK	REVISIONS	APPR.	DATE
DESIGNED BY:	DRAWN BY:	CHECKED BY:	

DMS CONSULTANTS.
12377 Lewis Street #101
Garden Grove, CA. 92840
Phone (714) 740-8841
Fax (714) 740-8842
PREPARED UNDER THE SUPERVISION OF:
Sander M. Debra 8/26/06
SUNDER M. DEBRA PCE 34559 DATE EXP. 8/30/07

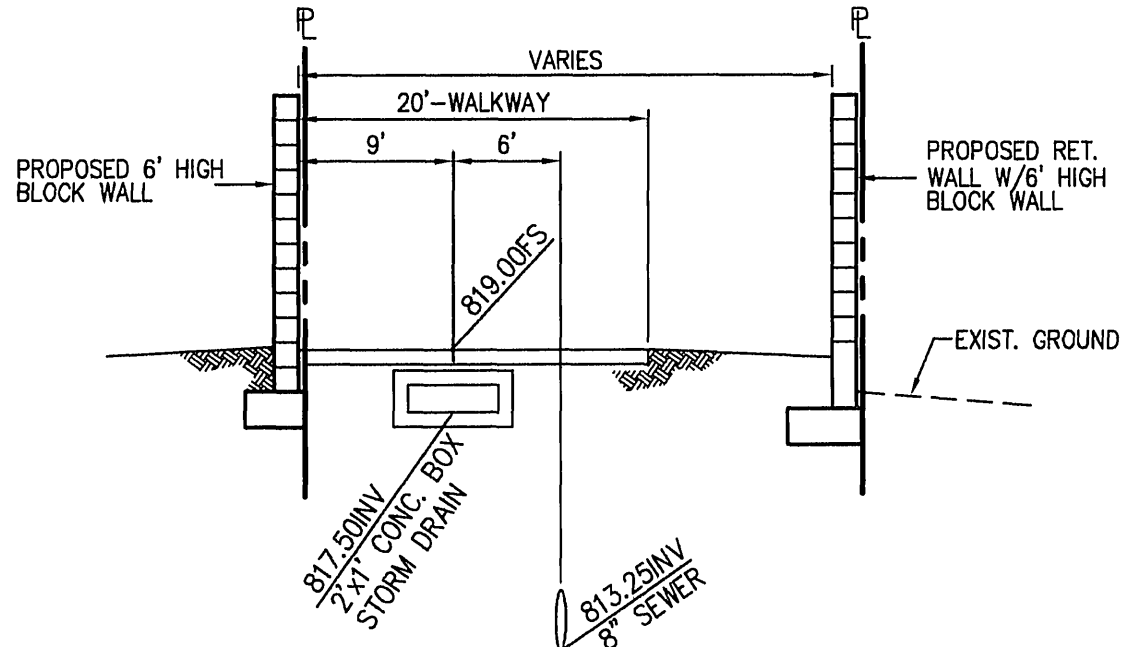
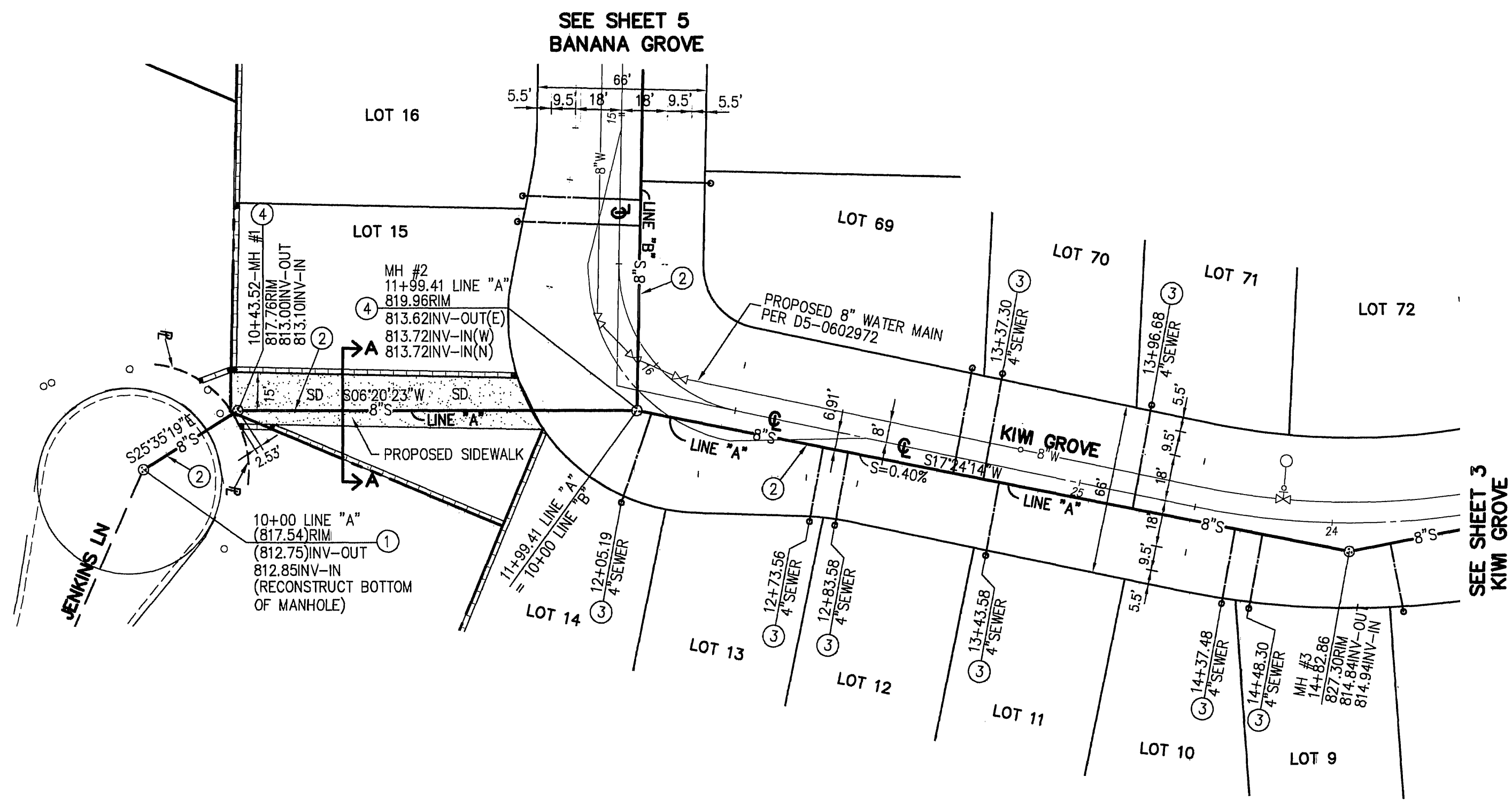
CITY OF RIVERSIDE, CALIFORNIA
PLANNING DEPARTMENT
APPROVED BY: *[Signature]* BY DATE: 8/26/06
PRINCIPAL ENGINEER
CITY ENGINEER: *[Signature]* DATE: 8/26/06

SEWER PLAN & PROFILE
FOR
TRACT NO. 33253

SHEET
S-1971
1 OF 6 SHEETS
FILE NO.

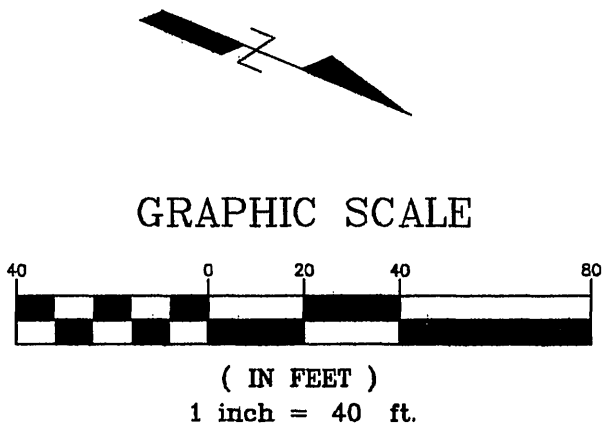


SCALE:
HORIZ. 1"=40'
VERT. 1"= 4'



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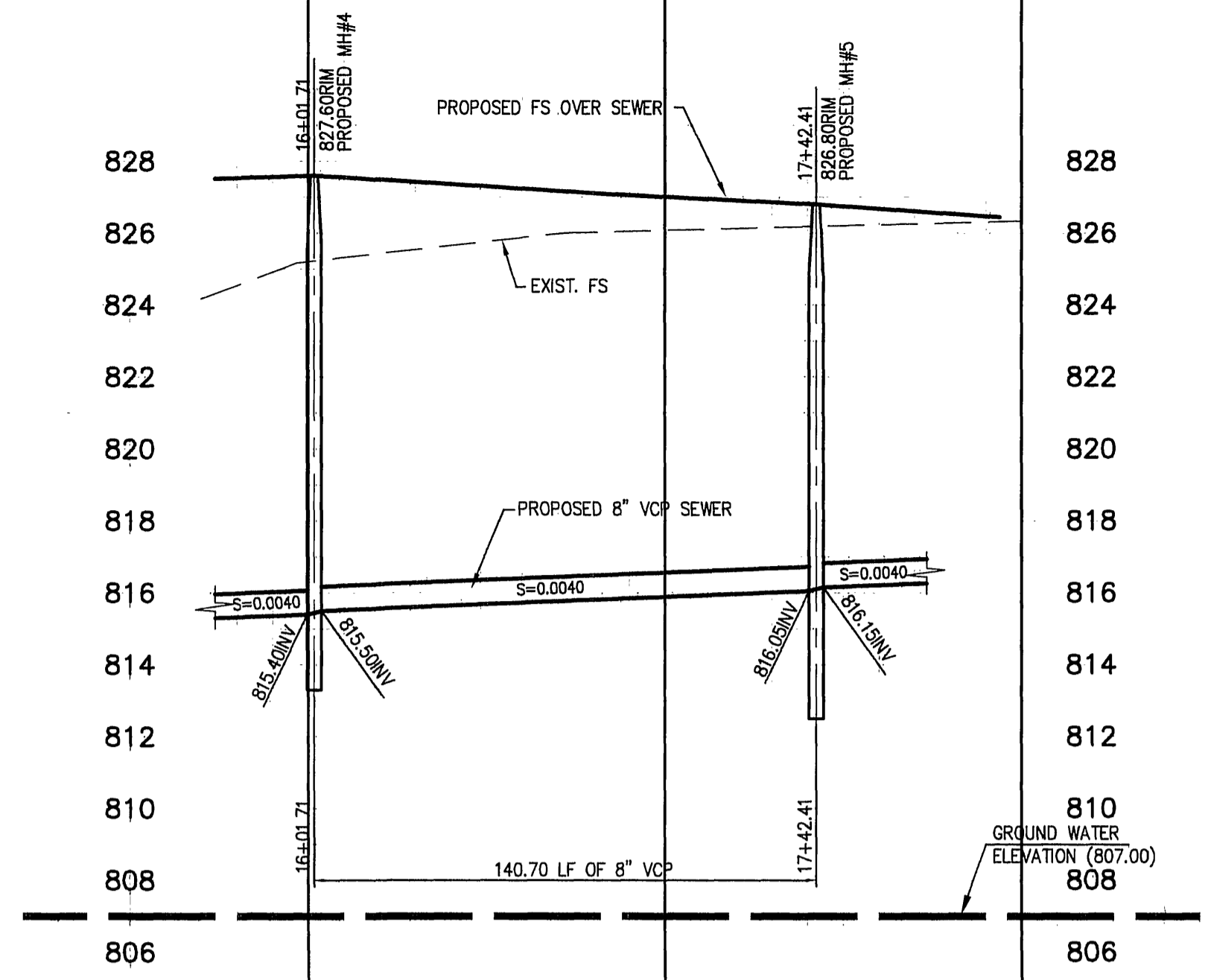
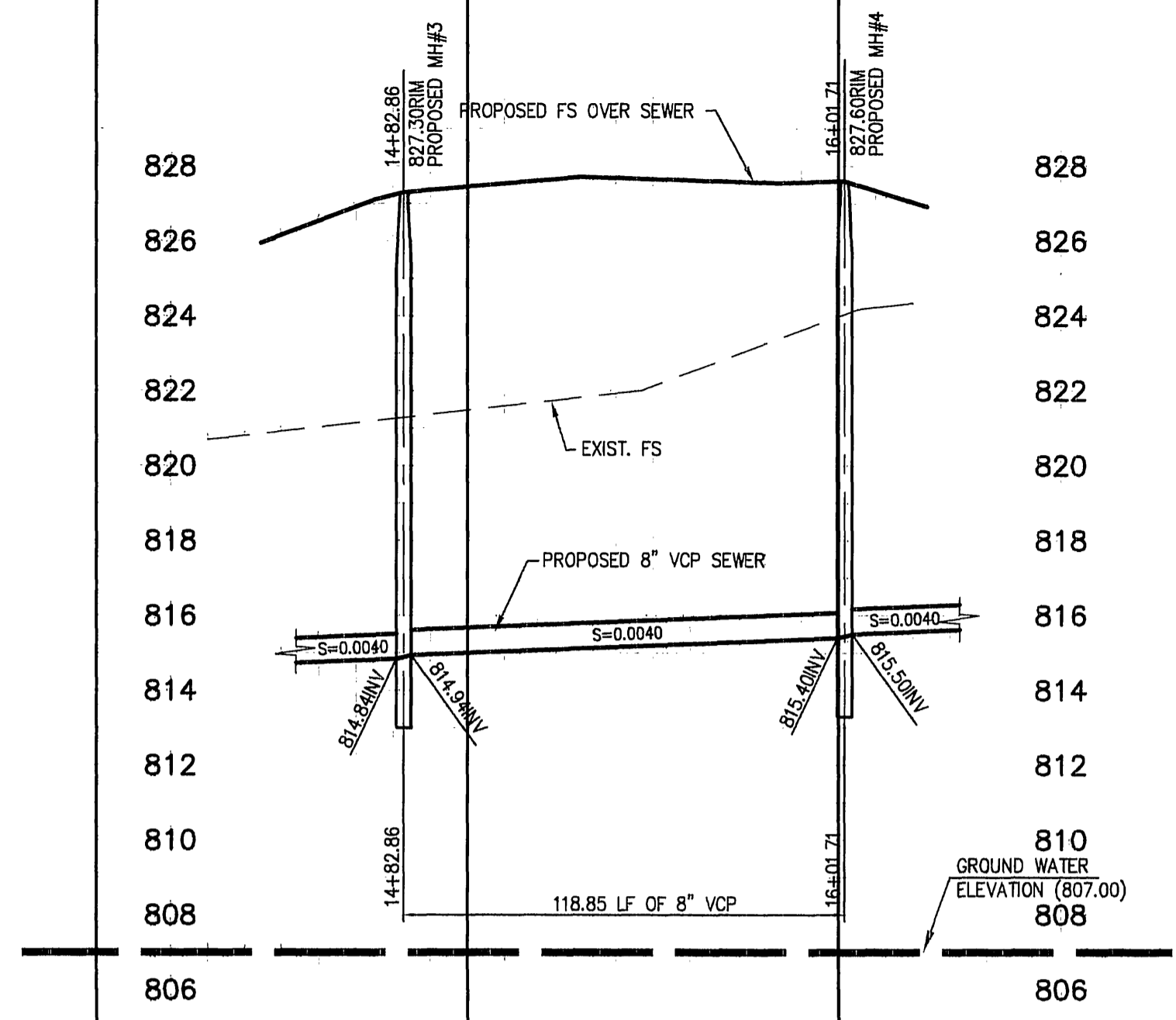
MARK	REVISIONS	APPR.	DATE
DESIGNED BY:	DRAWN BY:	CHECKED BY:	

DMS CONSULTANTS.
12377 Lewis Street #101
Garden Grove, CA. 92840
Phone (714) 740-8841
Fax (714) 740-8842
PREPARED UNDER THE SUPERVISION OF
Amr 8/26/06
SURENINDER M. DEWAN RCE 34659 DATE EXP. 9/30/07

CITY OF RIVERSIDE, CALIFORNIA PLANNING DEPARTMENT			
APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	<i>[Signature]</i>	9/16/06	<i>[Signature]</i>
CITY ENGINEER			
DATE			

WDID # 8-33C335446	PW 06-0157
SEWER PLAN & PROFILE	
FOR TRACT NO. 33253	
HORIZ. SCALE: 1"=40'	VERT. SCALE: 1"=4'
SHEET S-1971	FILE NO.
2 OF 6 SHEETS	

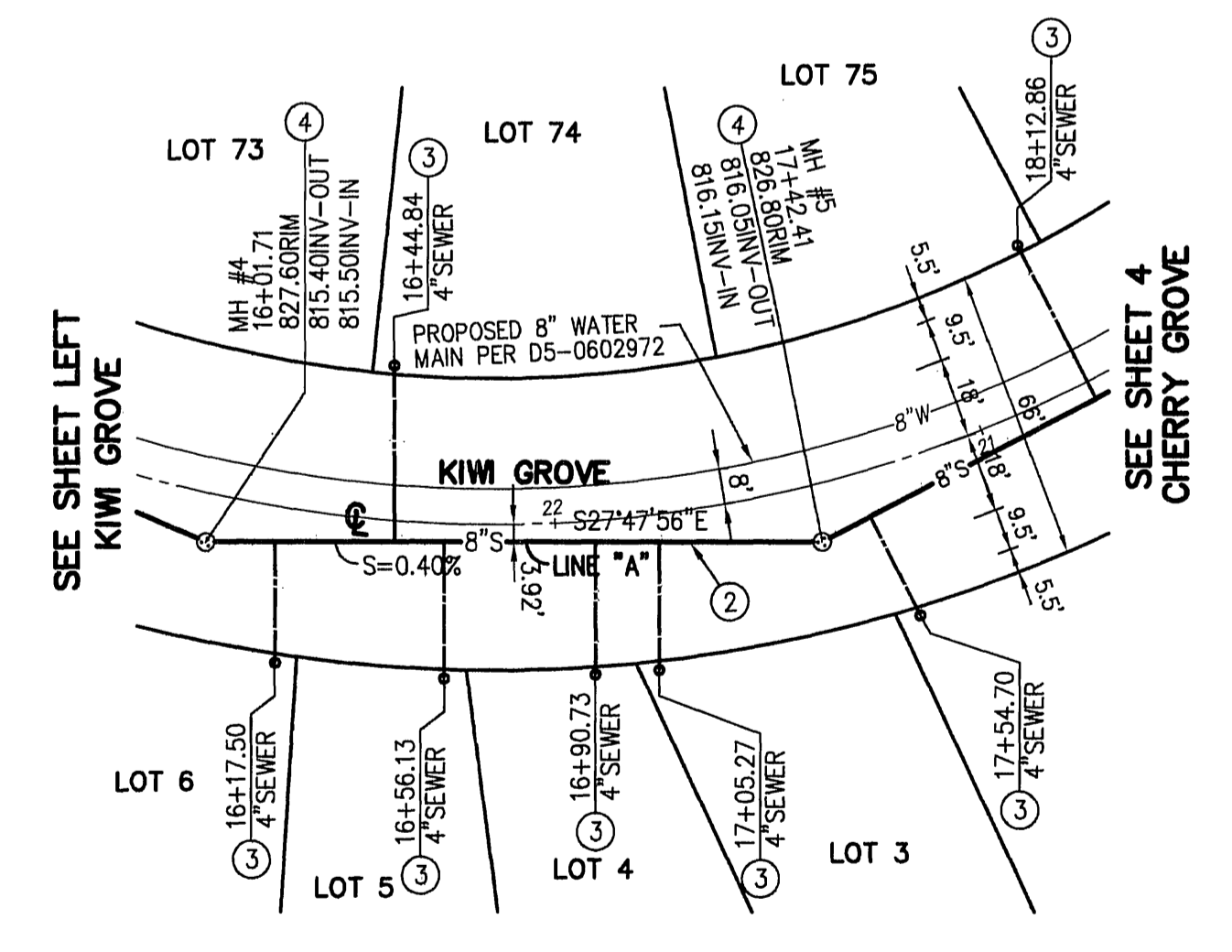
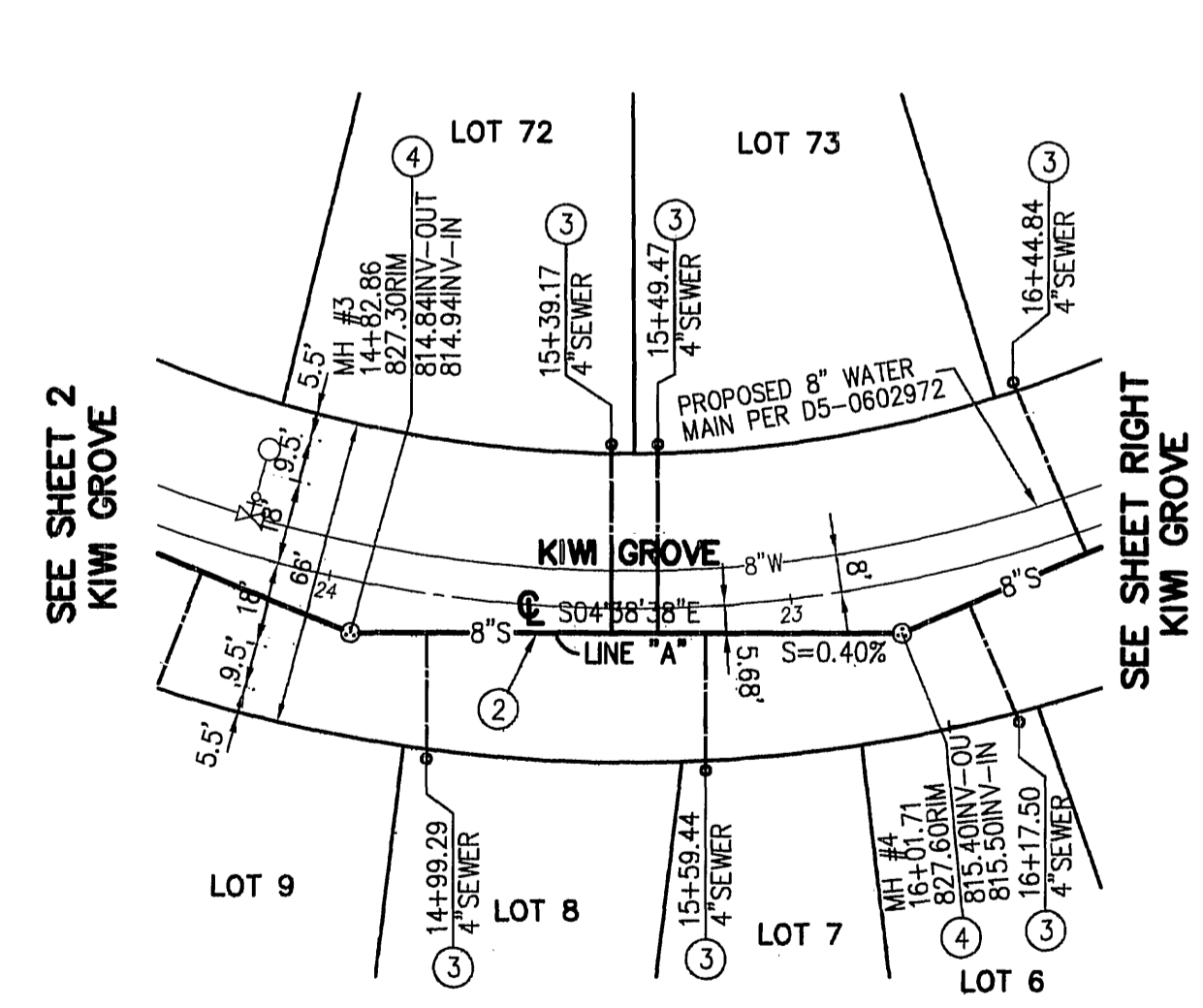
INDEXED 9-26-06 *[initials]*



SCALE:
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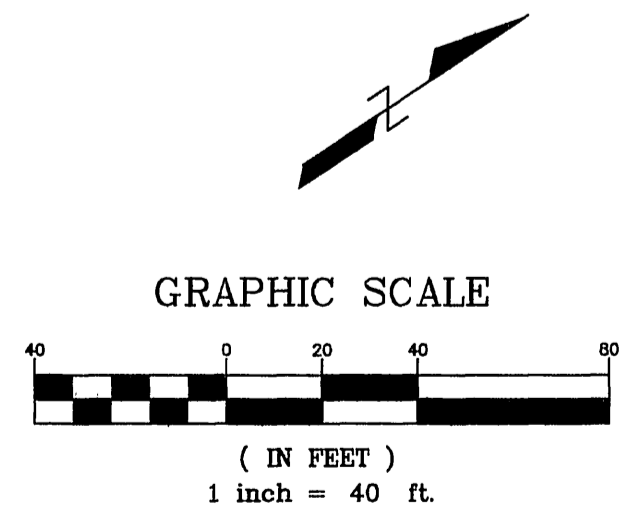
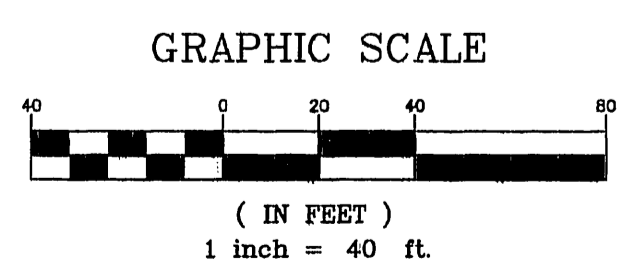
14+00 15+00 16+00

16+00 17+00 18+00



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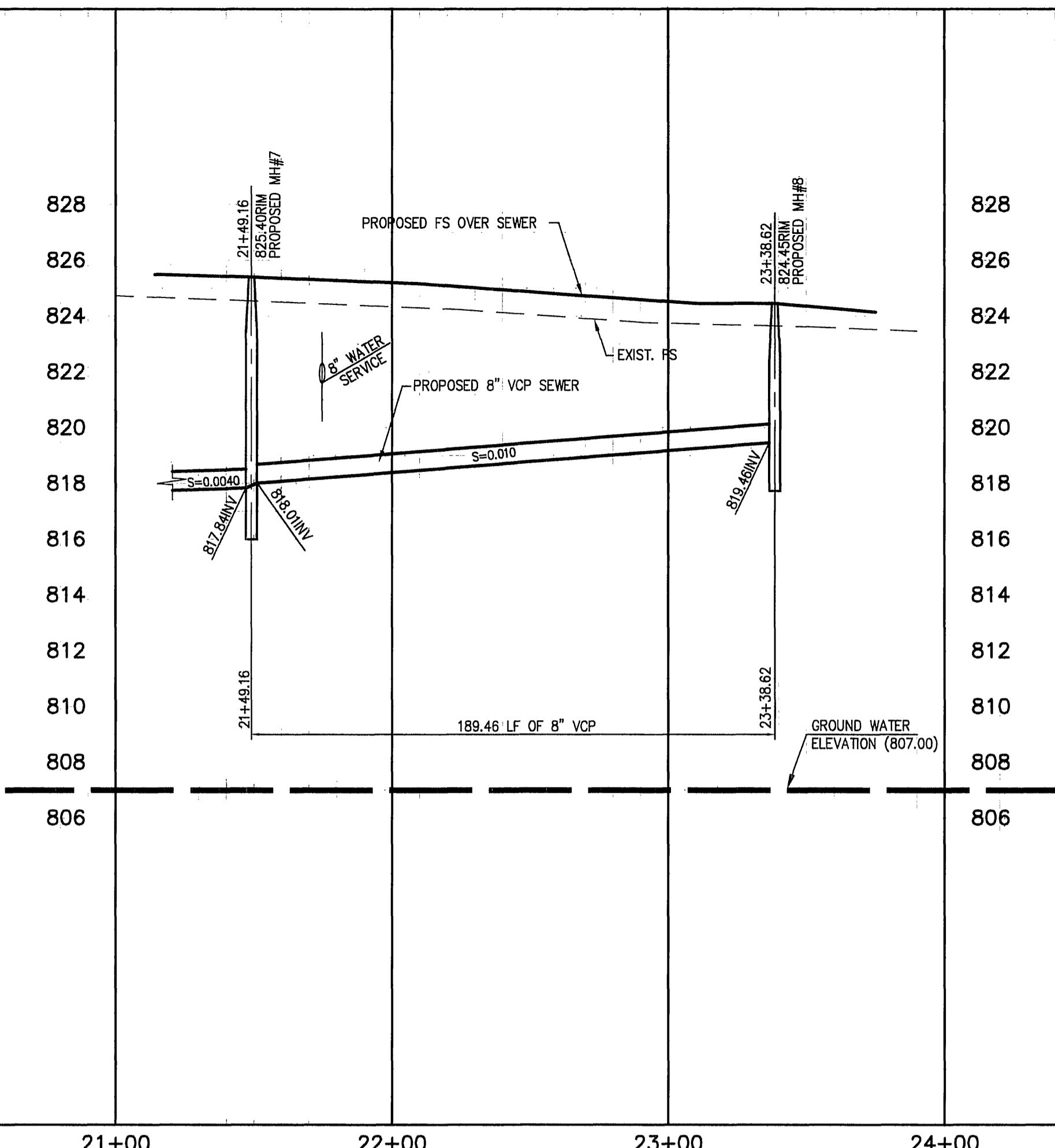
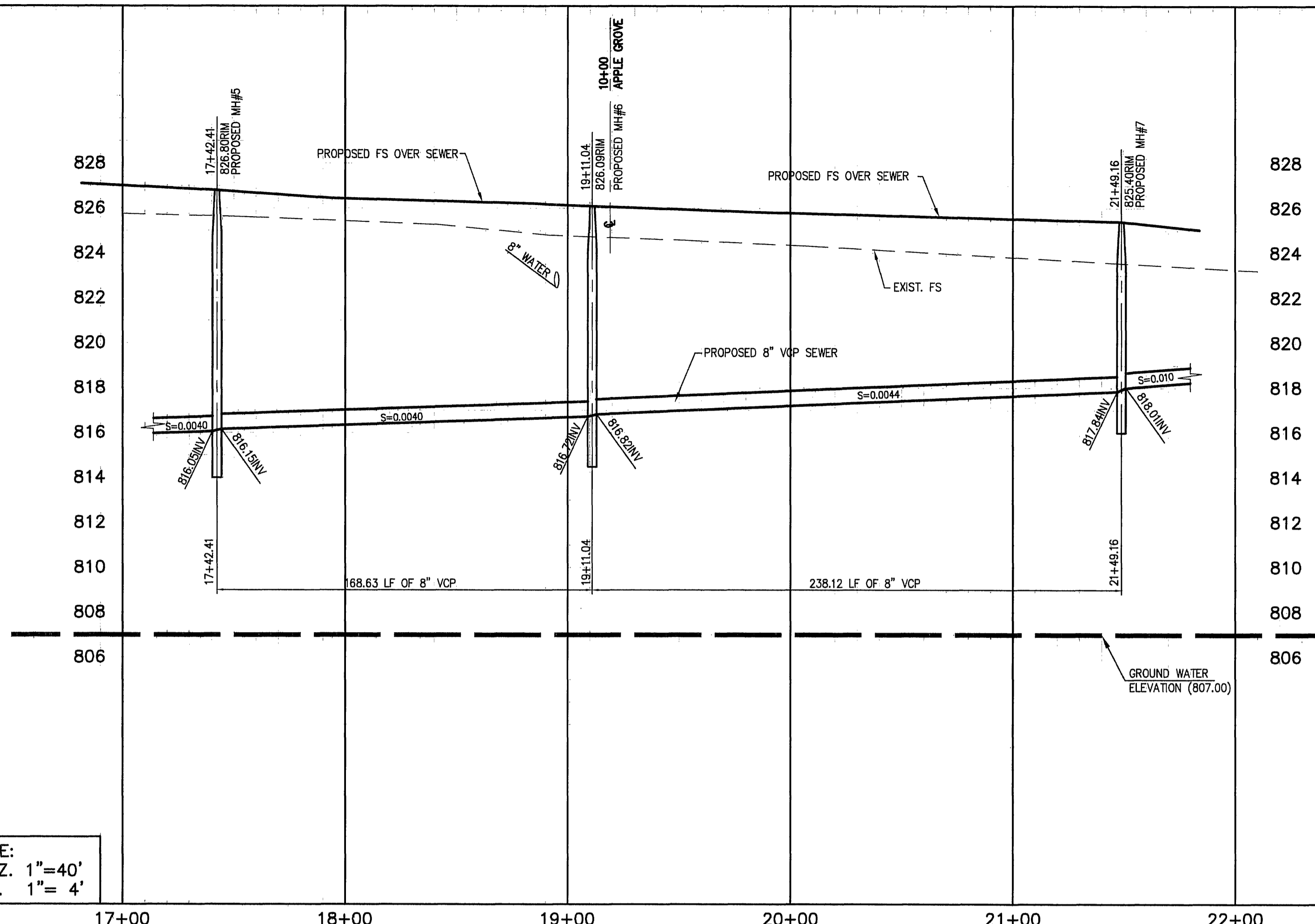
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MARK	REVISIONS	APPR.	DATE
DESIGNED BY:	DRAWN BY:	CHECKED BY:	

DMS CONSULTANTS.
12377 Lewis Street #101
Garden Grove, CA. 92840
Phone (714) 740-8841
Fax (714) 740-8842
PREPARED UNDER THE SUPERVISION OF:
[Signature] DATE: 8/26/06
SURENDER M. DEWAN No. 34559 DATE: EXP. 9/30/07

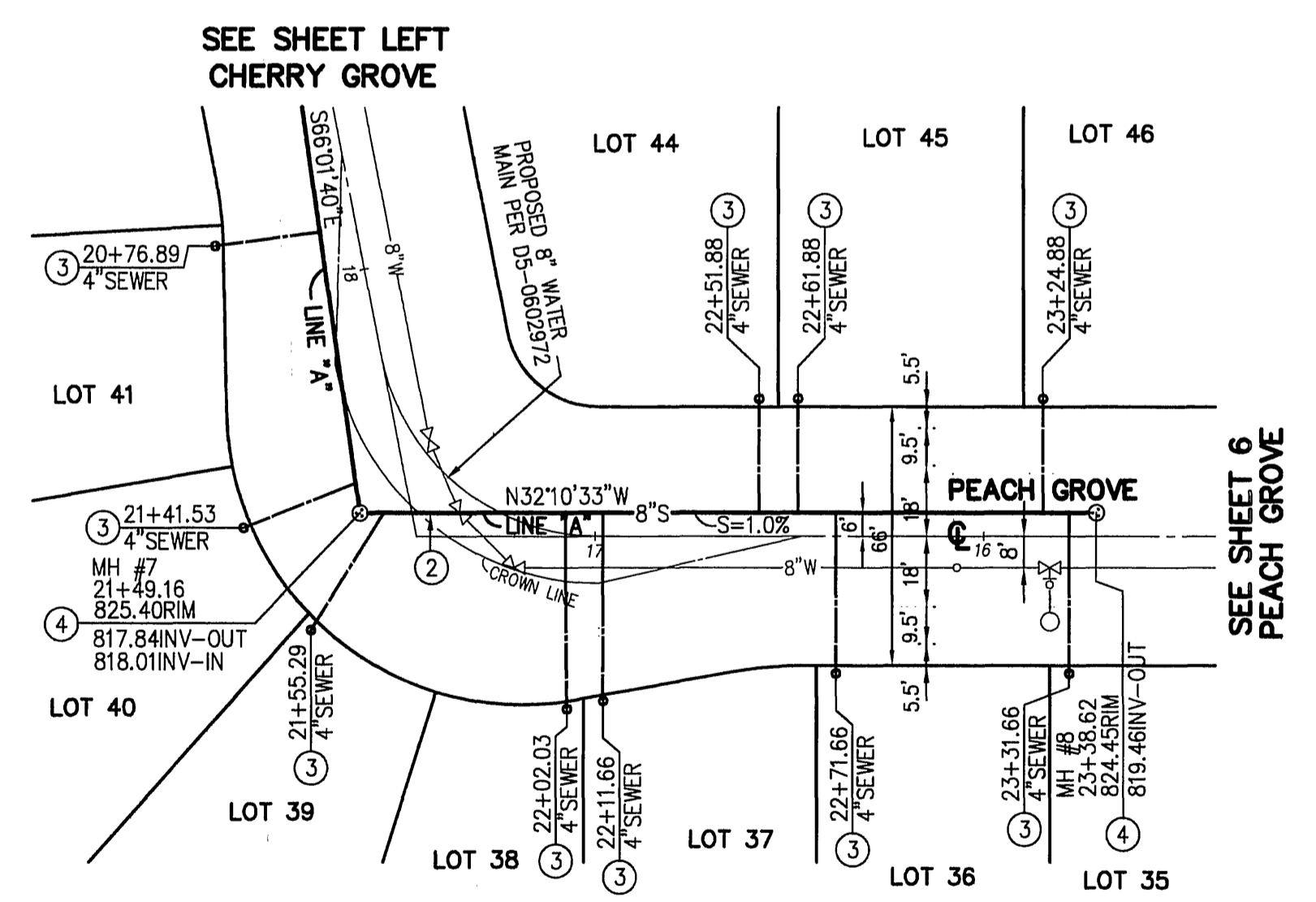
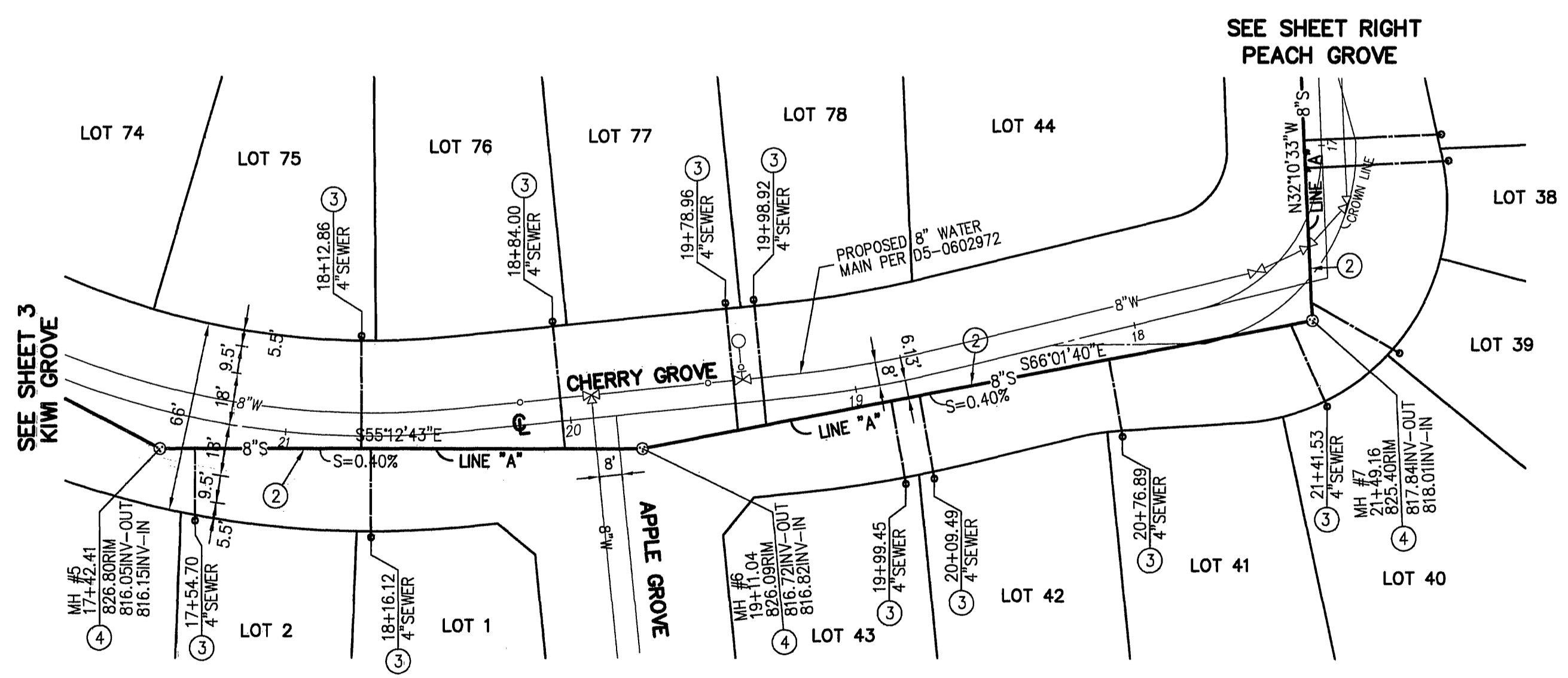
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APPROVED BY:	BY:	DATE:	APPROVED BY:
PRINCIPAL ENGINEER	<i>[Signature]</i>	8/26/06	<i>[Signature]</i>
CITY ENGINEER	<i>[Signature]</i>	8/26/06	DATE:

WDD # 8-33C335446	PW 06-0157
SEWER PLAN & PROFILE	
FOR TRACT NO. 33253	
HORIZ. SCALE: 1"=40'	VERT. SCALE: 1"=4'
SHEET S-1971	3 OF 6 SHEETS
FILE NO.	



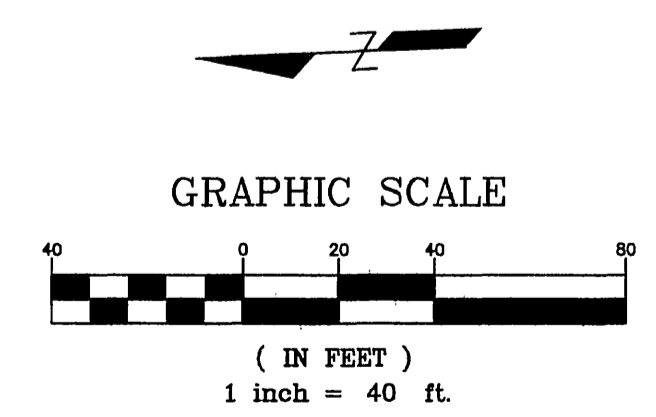
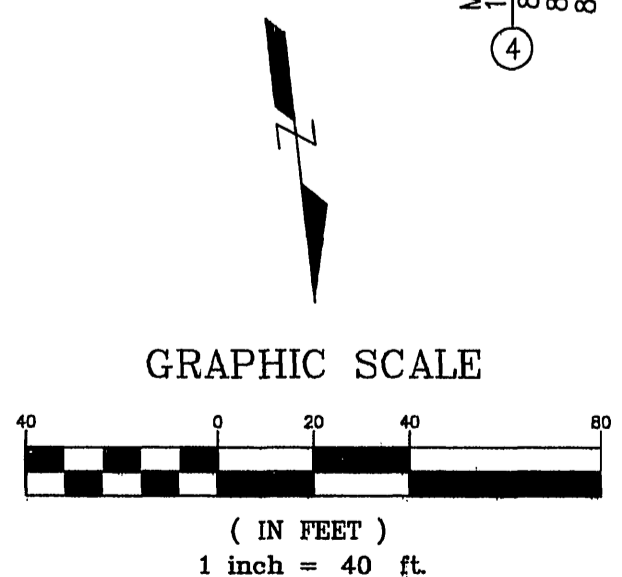
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17+00 18+00 19+00 20+00 21+00 22+00 21+00 22+00 23+00 24+00



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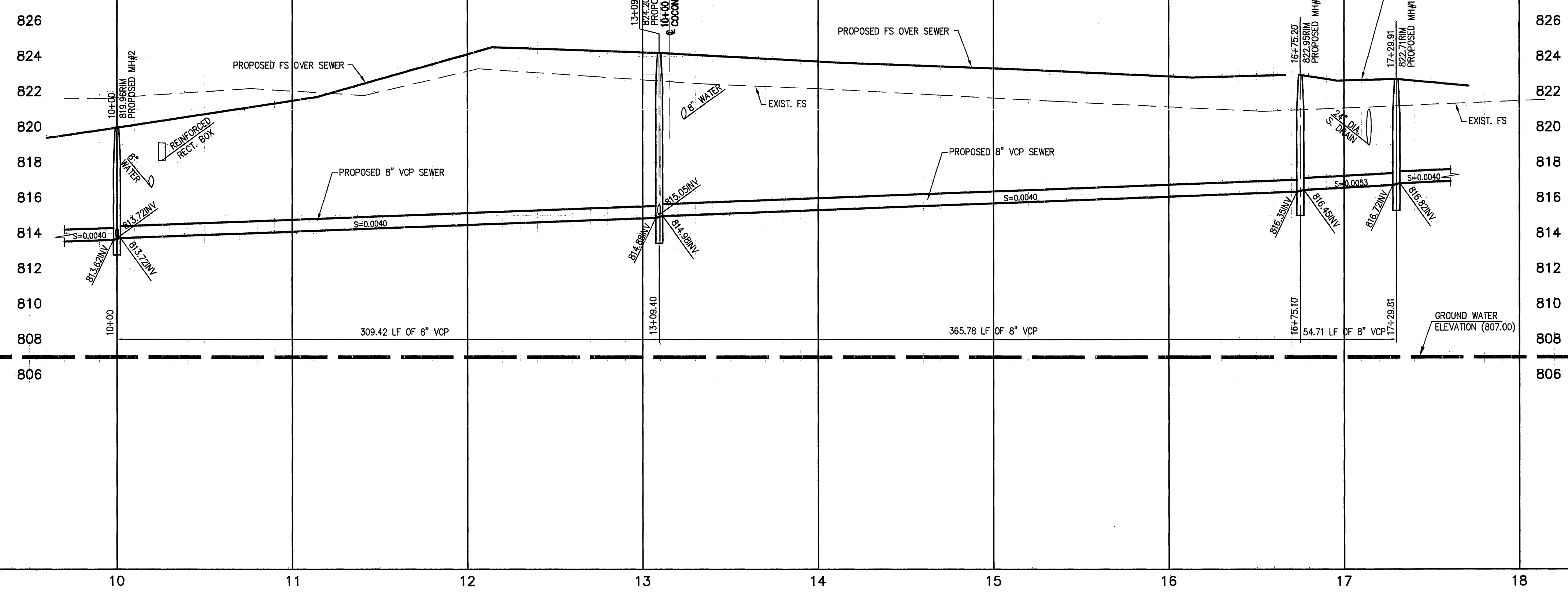
MARK	REVISIONS	APPR.	DATE
DESIGNED BY:	DRAWN BY:	CHECKED BY:	

DMS CONSULTANTS.
12377 Lewis Street #101
Garden Grove, CA. 92840
Phone (714) 740-8841
Fax (714) 740-8842
PREPARED UNDER THE SUPERVISION OF:
Surrender M. Dewan
DATE: 8/26/06

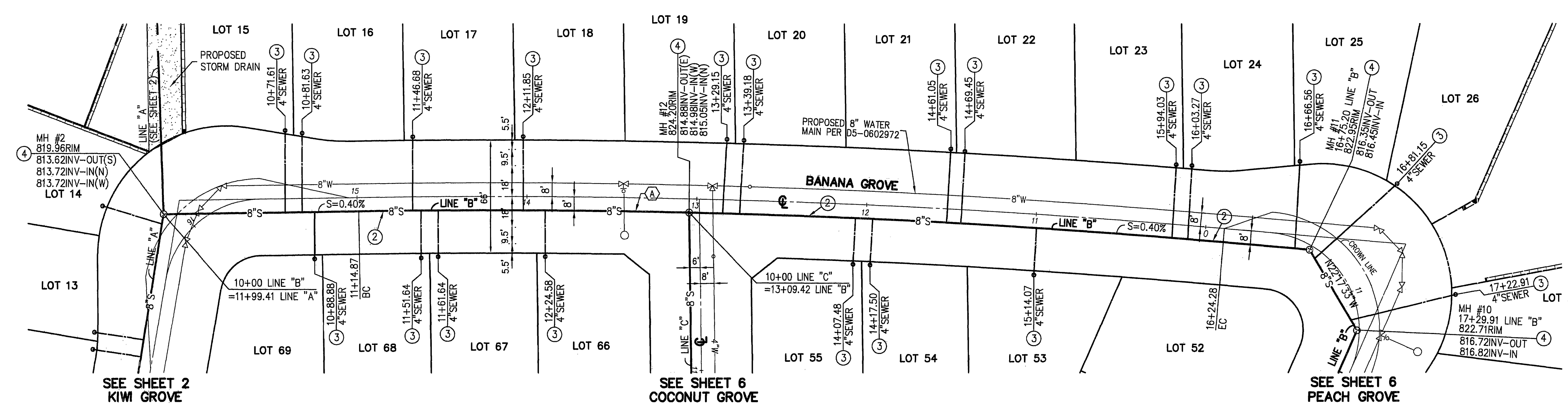
CITY OF RIVERSIDE, CALIFORNIA PLANNING DEPARTMENT			
APPROVED BY	BY	DATE	APPROVED BY
CITY ENGINEER		DATE	
		9/15/06	

WDD # 8-33C335446 PW 06-0157
SEWER PLAN & PROFILE
FOR
TRACT NO.33253
HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'
SHEET
S-1971
4 OF 6 SHEETS
FILE NO.

INDEXED 9-27-06 LFL



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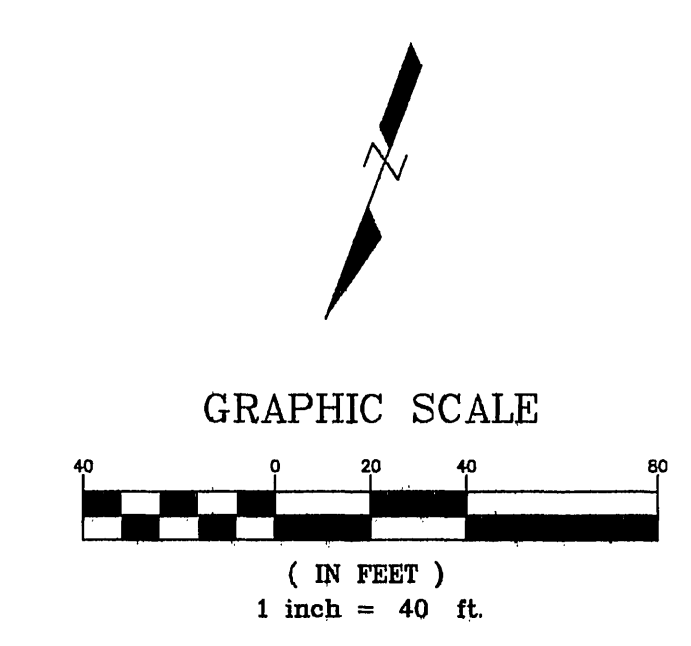


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SEWER LINE CURVE DATA

Δ	RADIUS	LENGTH
A	Δ=05°53'08"	R=4959.00' L=509.41'



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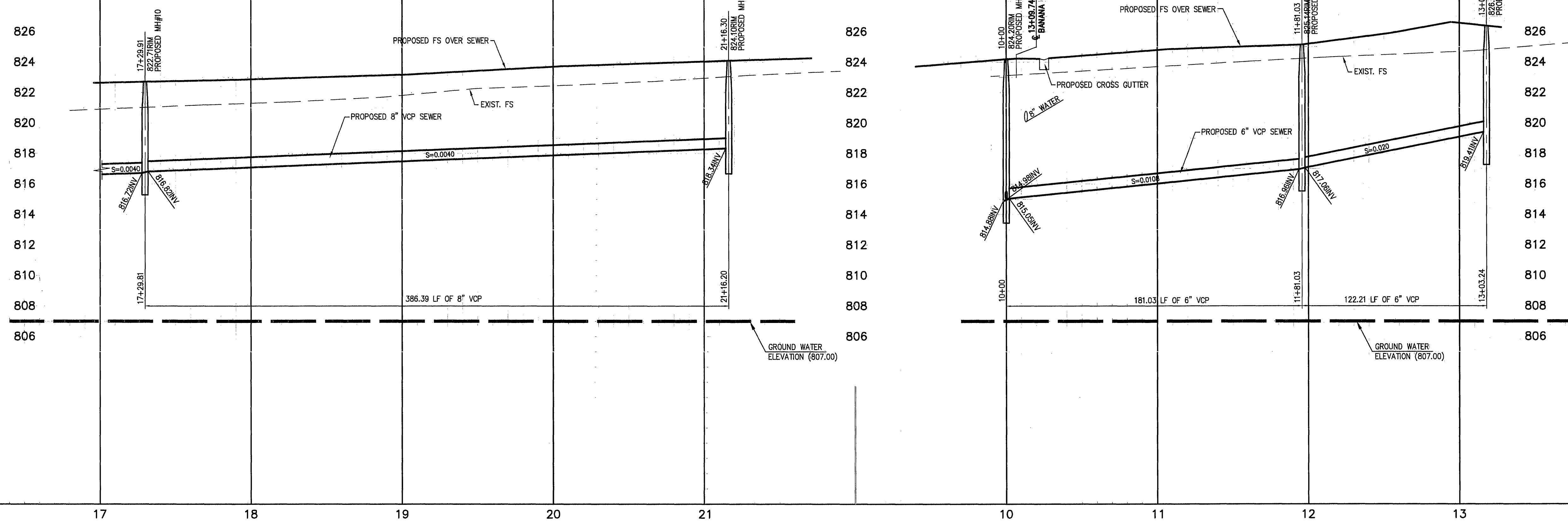
MARK	REVISIONS	APPR.	DATE

DMS CONSULTANTS.
 12377 Lewis Street #101
 Garden Grove, CA. 92840
 Phone (714) 740-8841
 Fax (714) 740-8842
 PREPARED UNDER THE SUPERVISION OF:
SM 8/26/06
 SURENDER M. DEWAN RCE 34559 DATE EXP. 9/30/07

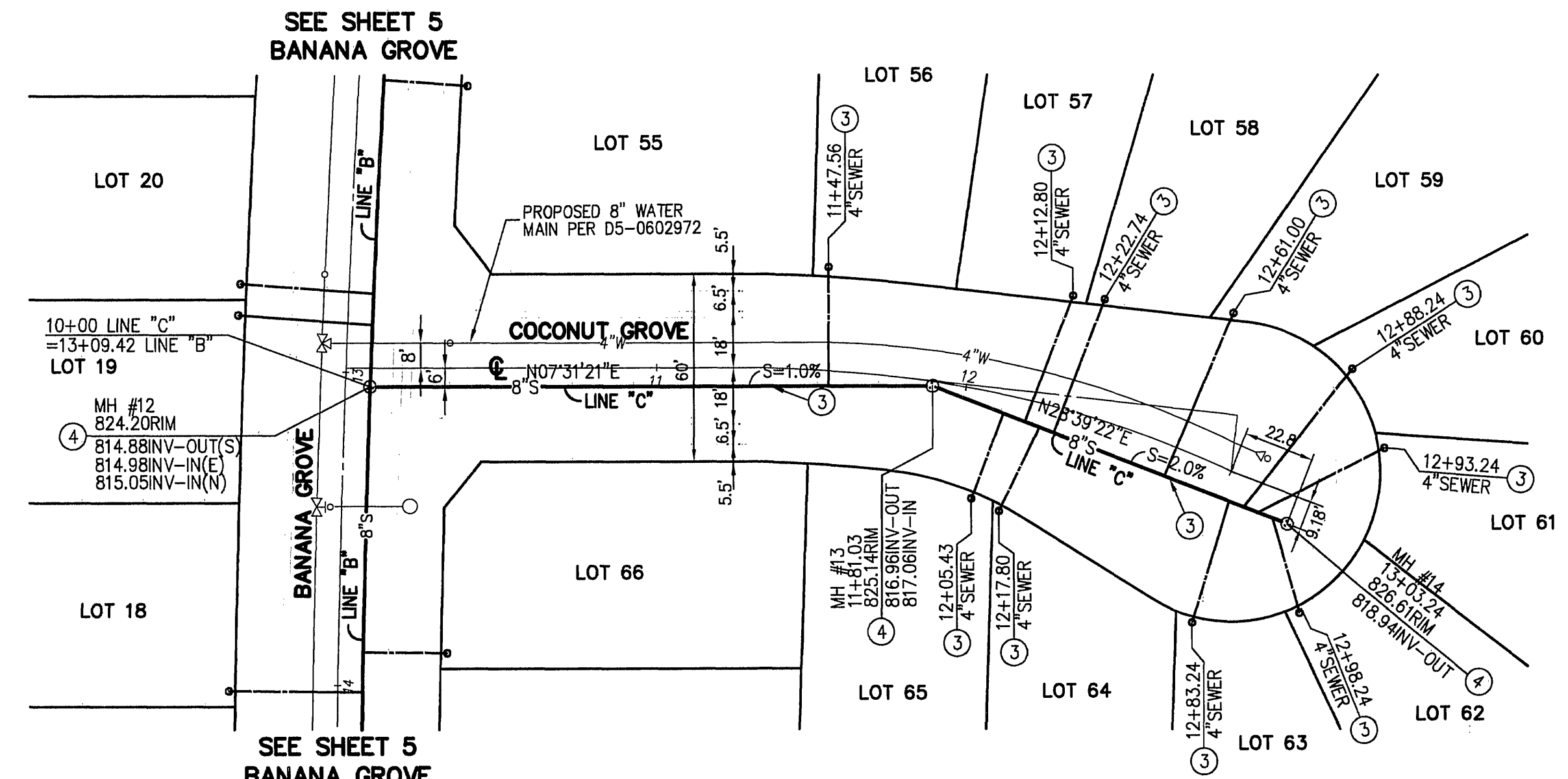
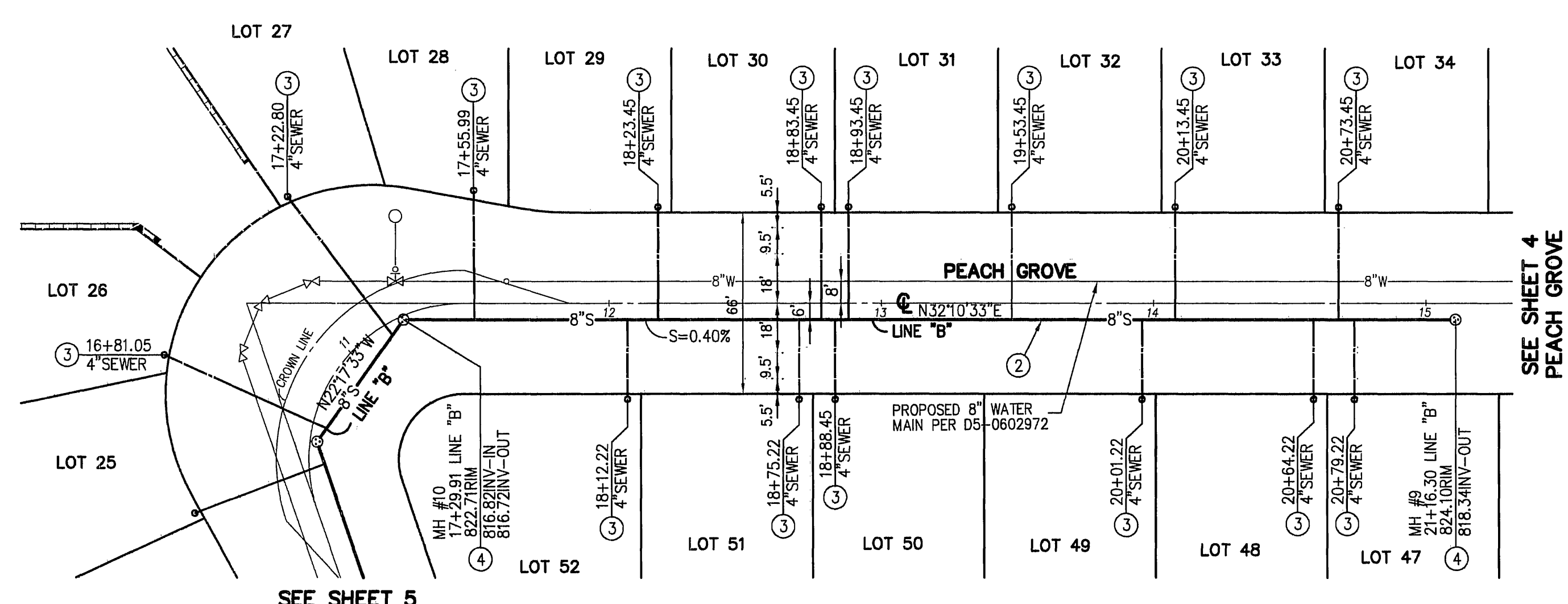
CITY OF RIVERSIDE, CALIFORNIA PLANNING DEPARTMENT			
APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	202	9/15/06	SM
CITY ENGINEER			
DATE			

WDID # 8-33C335446	PW 06-015Z
SEWER PLAN & PROFILE	
FOR TRACT NO.33253	
HORIZ. SCALE: 1"=40'	VERT. SCALE: 1"=4'
SHEET S-1971	5 OF 6 SHEETS
FILE NO.	

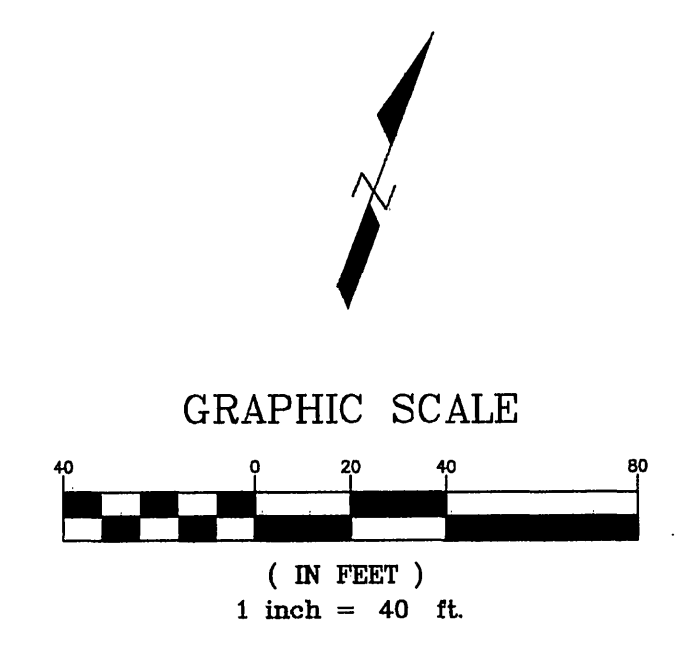
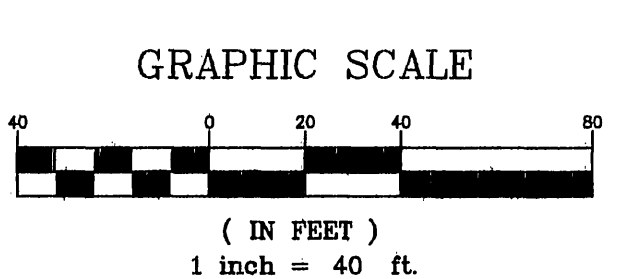
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MARK	REVISIONS	APPR.	DATE

DESIGNED BY: DRAWN BY: CHECKED BY:

DMS CONSULTANTS.
12377 Lewis Street #101
Garden Grove, CA. 92840
Phone (714) 740-8841
Fax (714) 740-8842

PREPARED UNDER THE SUPERVISION OF
tw 8/26/06
SURENDER M. DEWAN RCE 34559 DATE EXP. 9/30/07

CITY OF RIVERSIDE, CALIFORNIA
PLANNING DEPARTMENT

APPROVED BY: BY DATE APPROVED BY
PRINCIPAL ENGINEER *tw* 7/15/06 *Shw* *Bay*
CITY ENGINEER
DATE

WDID # 8-33C335446 PW 06-015Z

SEWER PLAN & PROFILE
FOR
TRACT NO.33253

SHEET
S-1971
6 OF 6 SHEETS
FILE NO.

INDEXED 9-27-06 LPH