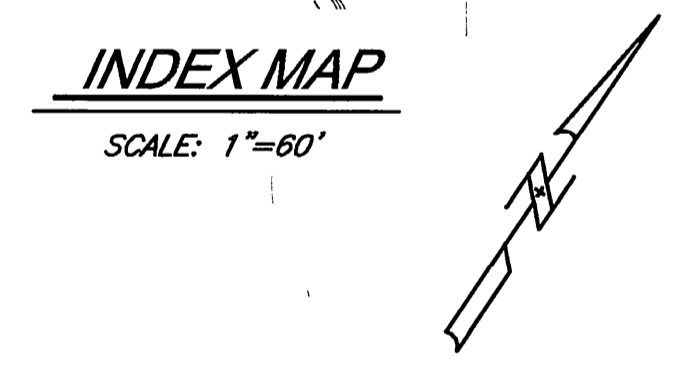
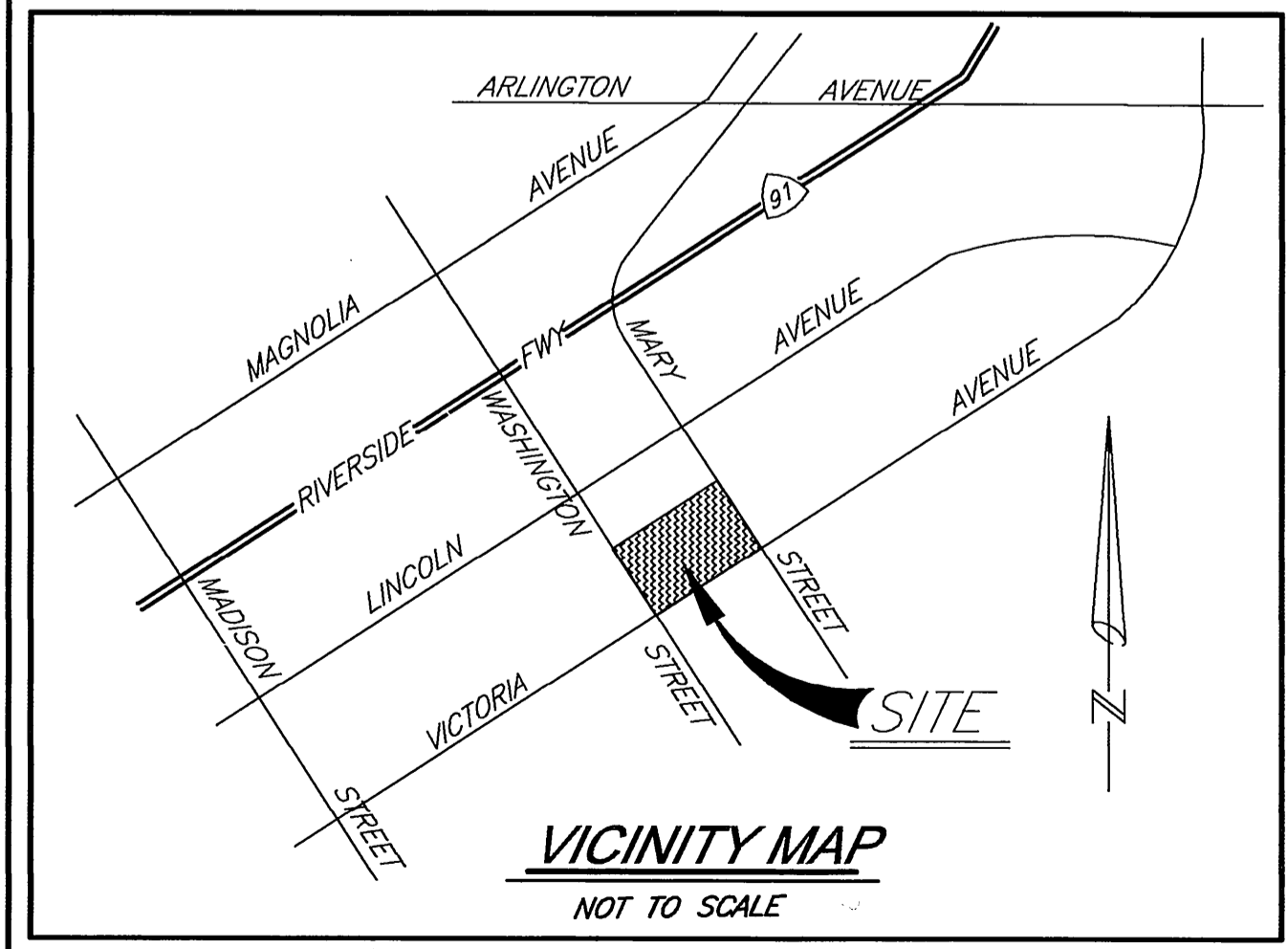


- ### GENERAL NOTES
1. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS 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, STANDARDS DRAWINGS, ITS SUPPLEMENTAL NOTES, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
 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 ELEVATIONS PRIOR TO CONSTRUCTION.
 6. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
 7. NO FINISH 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.
 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 CITY OF RIVERSIDE STANDARD 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. 1-800-227-2600, 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.
 12. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION 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 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 OR ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
 14. QUANTITIES SHOWN ARE FOR INFORMATION ONLY THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
 15. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL POTHOLE ALL UTILITY CROSSINGS AND CONNECTION AND VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES AFFECTED. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BEFORE CONSTRUCTION BEGINS.
 16. NO PERSONS 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.

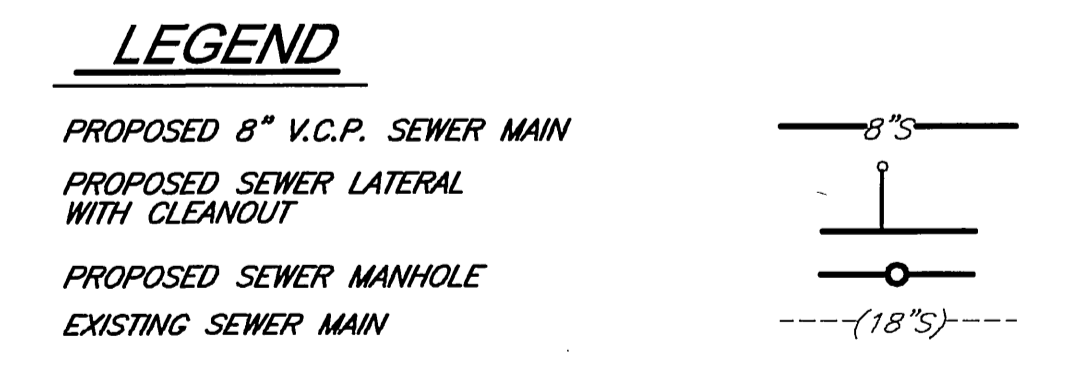


- ### NOTICE TO CONTRACTOR
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS.
- THE CONTRACTOR IS REQUIRED 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) 1-800-227-2600 AT LEAST 48 HOURS PRIOR TO EXCAVATION.
- THE QUANTITY ESTIMATE SHOWN HEREON IS FOR THE USE OF GOVERNING AGENCIES IN DETERMINING BOND AMOUNTS AND/OR FEES AND IS NOT TO BE USED FOR BID PURPOSES.



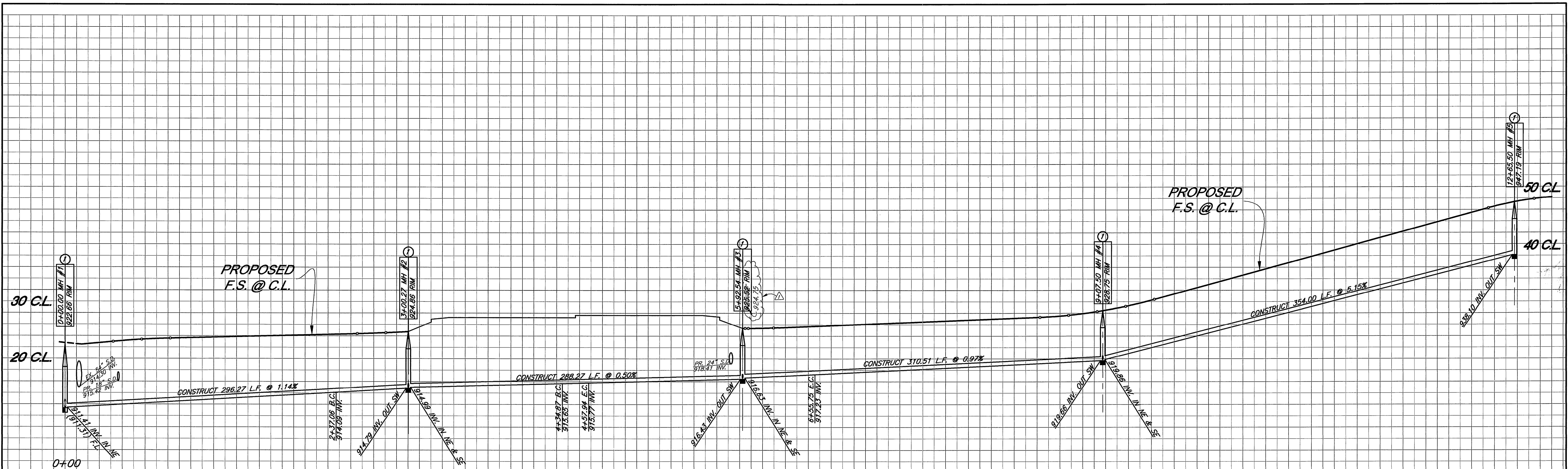
CONSTRUCTION NOTES AND QUANTITIES

1	CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE STD. 500	9 EA
2	CONSTRUCT 8" V.C.P. SEWER MAIN (BEDDING CASE 1 PER CITY OF RIVERSIDE STD. 452)	2,091 LF
3	CONSTRUCT 4" SEWER LATERAL WITH CLEANOUT @ P.L. PER CITY OF RIVERSIDE STD. 562A	1427 LF / 47 EA
3	CONSTRUCT 4" SEWER LATERAL WITH CLEANOUT @ P.L. PER CITY OF RIVERSIDE STD. 562A AND DETAIL ON SHEET 4	140 LF / 4 EA

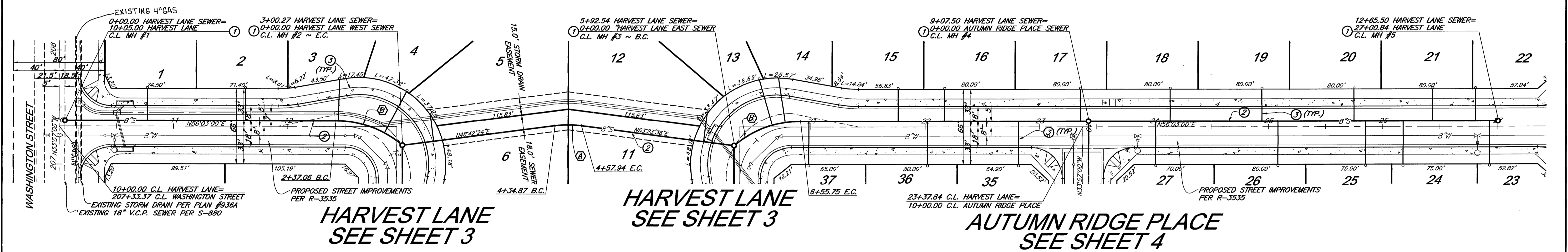


BENCH MARK # ML-22-2B
 BENCHMARK: CITY OF RIVERSIDE B.M. G6-B2 (EL.=944.502)
 3" BRASS DISC IN WELL MONUMENT AT THE INTERSECTION OF VICTORIA AVE. AND MARY ST., STAMPED "DEPT. OF PUBLIC ENGINEERING, G6-B", DN. 0.63"

CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT-ELECTRIC OVERHEAD & UNDERGROUND APPROVED BY: <i>S. Munn</i> 7-21-99 DATE: 7-21-99 CITY OF RIVERSIDE WATER SYSTEM APPROVED BY: <i>Richard A. Durbin</i> 7/23/99 DATE: 7-23-99		PACIFIC BELL APPROVED BY: <i>L. Dalgren</i> 7-19-99 DATE: 7-19-99 APPROVED BY: <i>Gene Lee</i> 7-20-99 DATE: 7-20-99		 CIVIL ENGINEERING SURVEYING LAND PLANNING 5029 La Mer Dr. Suite E, Riverside, CA 92507 (951) 684-8815		PREPARED UNDER THE SUPERVISION OF: <i>Brian G. Escate</i> 7/16/99 DATE: 7-16-99 B.R.E.#: 21884 EXP.: 9-30-01		CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT APPROVED BY: <i>R. Mc Grath</i> DATE: 7-27-99 TRAFFIC DIVISION P.W. ENG. MANAGER SEWER SERVICES		TRACT NO. 28829 SEWER IMPROVEMENT PLANS TITLE SHEET SHEET 1 OF 4 JOB NO. 98101	
CITY BUSINESS TAX CERTIFICATE NO. 062688 EXP. 04/10/00				DESIGNED BY: S.S. DRAWN BY: C.J.G. CHECKED BY: S.S./B.G.E.		HORIZ. SCALE: VERT. SCALE:		INDEXED 9-9-99 4H			



PROFILE SCALE: VERT.: 1"=8' HORIZ.: 1"=40'



HARVEST LANE SEE SHEET 3

HARVEST LANE SEE SHEET 3

AUTUMN RIDGE PLACE SEE SHEET 4

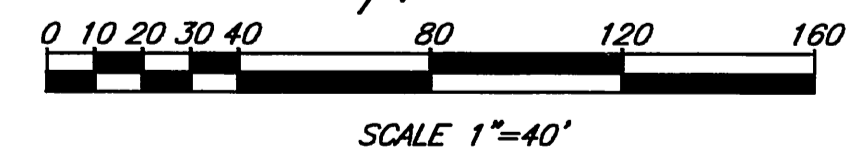
CONSTRUCTION NOTES AND QUANTITIES

- ① CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE STD. 500
- ② CONSTRUCT 8" V.C.P. SEWER MAIN (BEDDING CASE I PER CITY OF RIVERSIDE STD. 452)
- ③ CONSTRUCT 4" SEWER LATERAL WITH CLEANOUT @ P.L. PER CITY OF RIVERSIDE STD. 562A

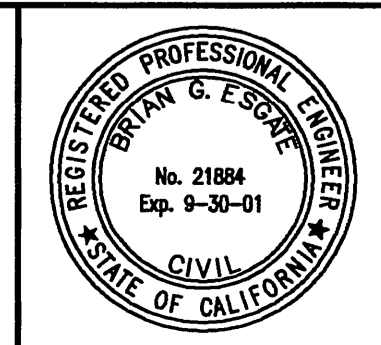
HARVEST LANE

BENCHMARK # ML-22-2B
 BENCHMARK: CITY OF RIVERSIDE B.M. G6-B2 (EL=944.502)
 3" BRASS DISC IN WELL MONUMENT AT THE INTERSECTION OF VICTORIA AVE. AND MARY ST., STAMPED "DEPT. OF PUBLIC ENGINEERING, G6-B", DN. 0.63"

PIPE CURVE DATA			
Δ	R	L	T
① 40'14"24"	90.00'	23.07'	11.60'
② 14'41"11"	90.00'	63.21'	32.97'



CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT-ELECTRIC OVERHEAD & UNDERGROUND	PACIFIC BELL
APPROVED BY: <i>Burt M. ...</i> DATE: 7-21-99	APPROVED BY: <i>L. ...</i> DATE: 7-19-99
APPROVED BY: <i>Richard J. ...</i> DATE: 7/23/99	APPROVED BY: <i>Lee ...</i> DATE: 7-20-99



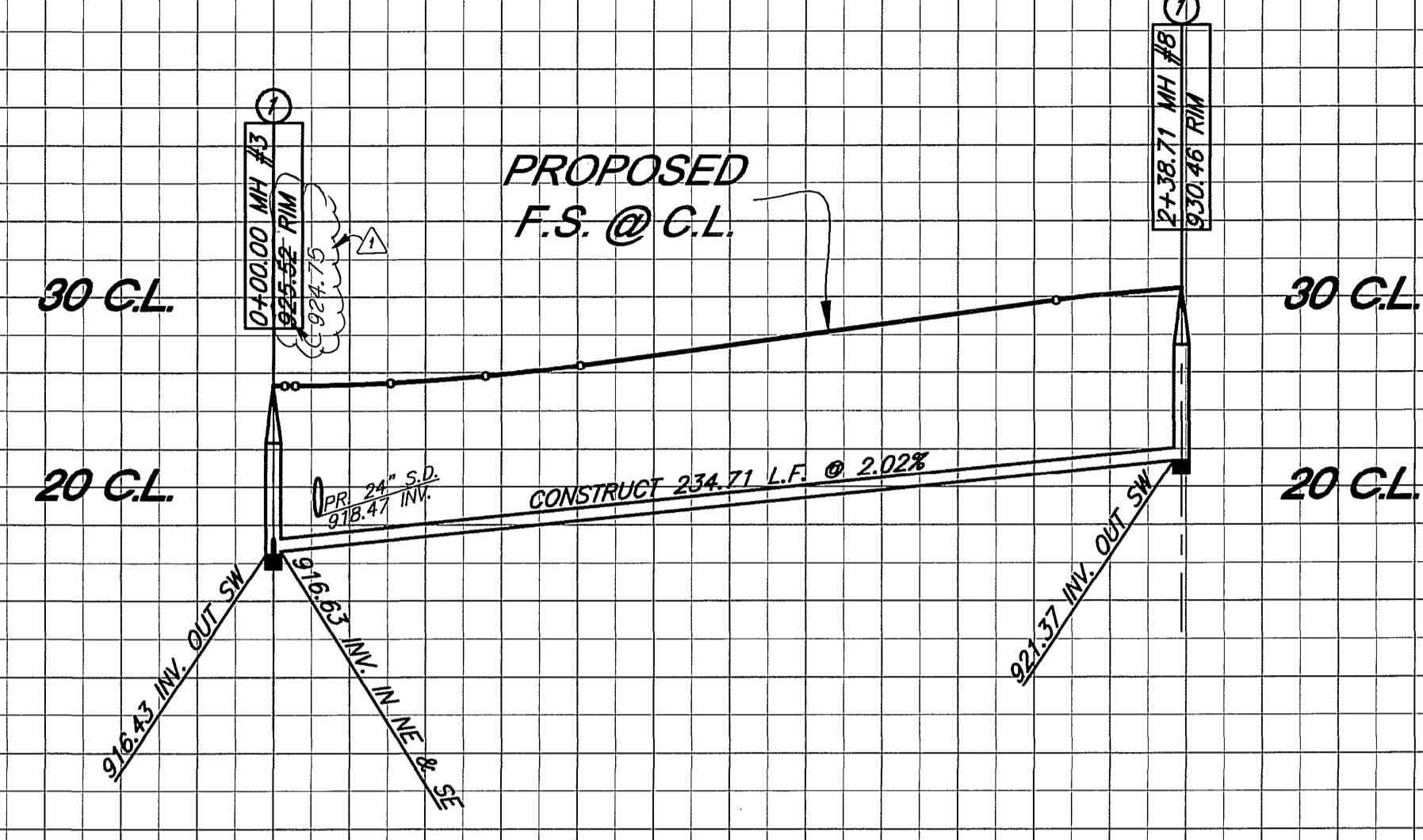
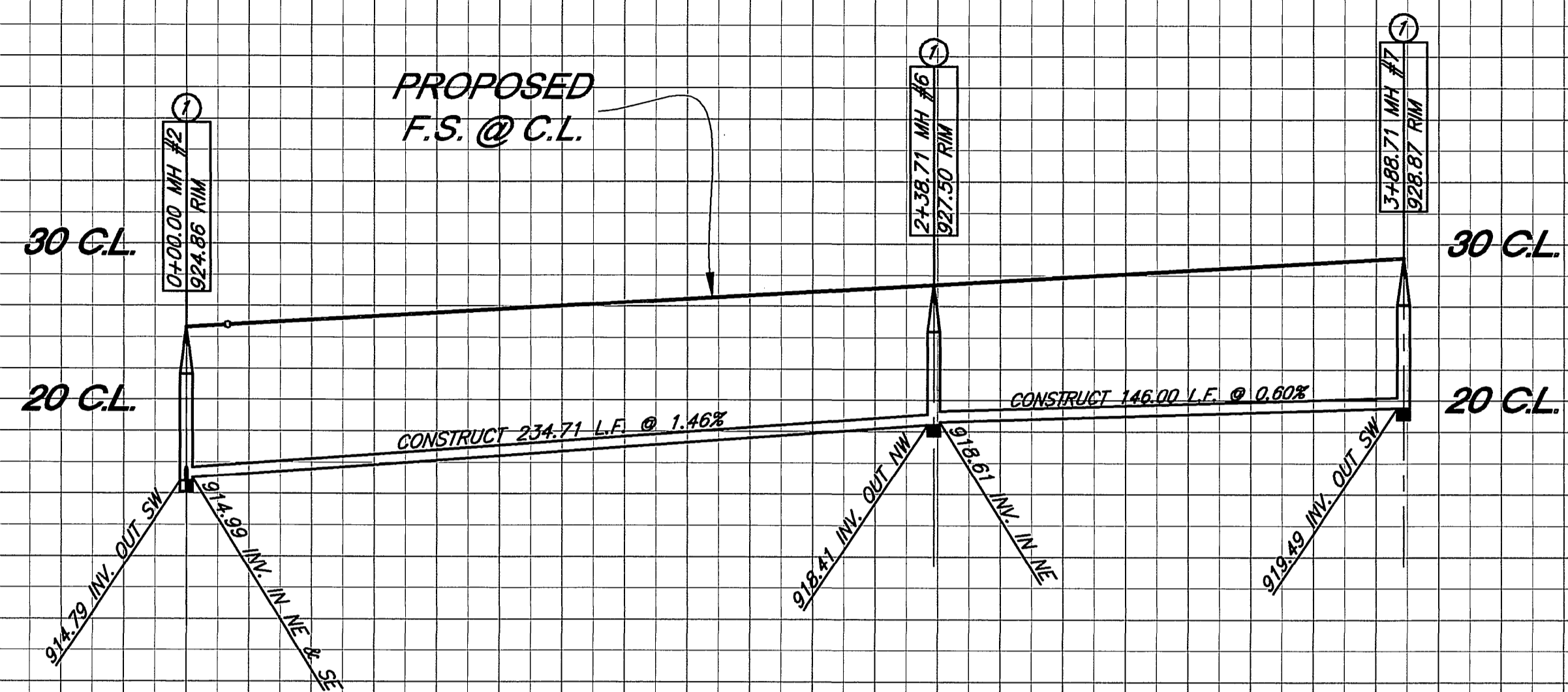
PREPARED UNDER THE SUPERVISION OF:
 BRIAN G. ESCATE
 R.C.E.#: 21884 EXP.: 9-30-01

DESIGNED BY: S.S.	DRAWN BY: C.L.G.	CHECKED BY: S.S./B.G.E.
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CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		
APPROVED BY: <i>R. Mc ...</i>	DATE: 7-27-99	DATE: 7-27-99

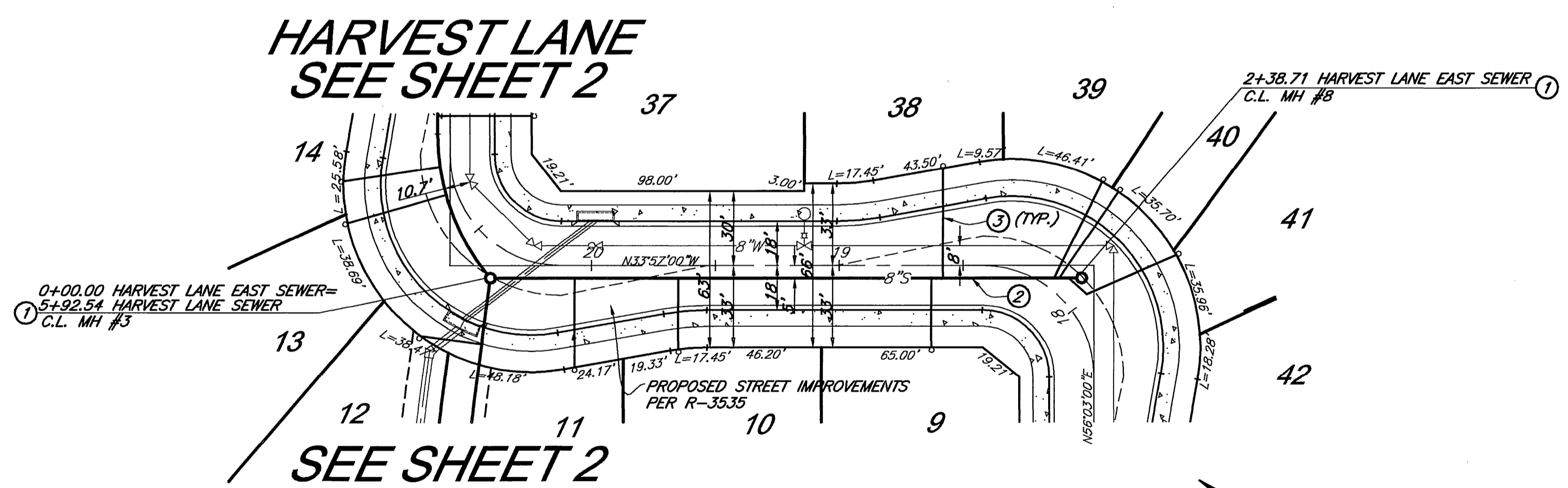
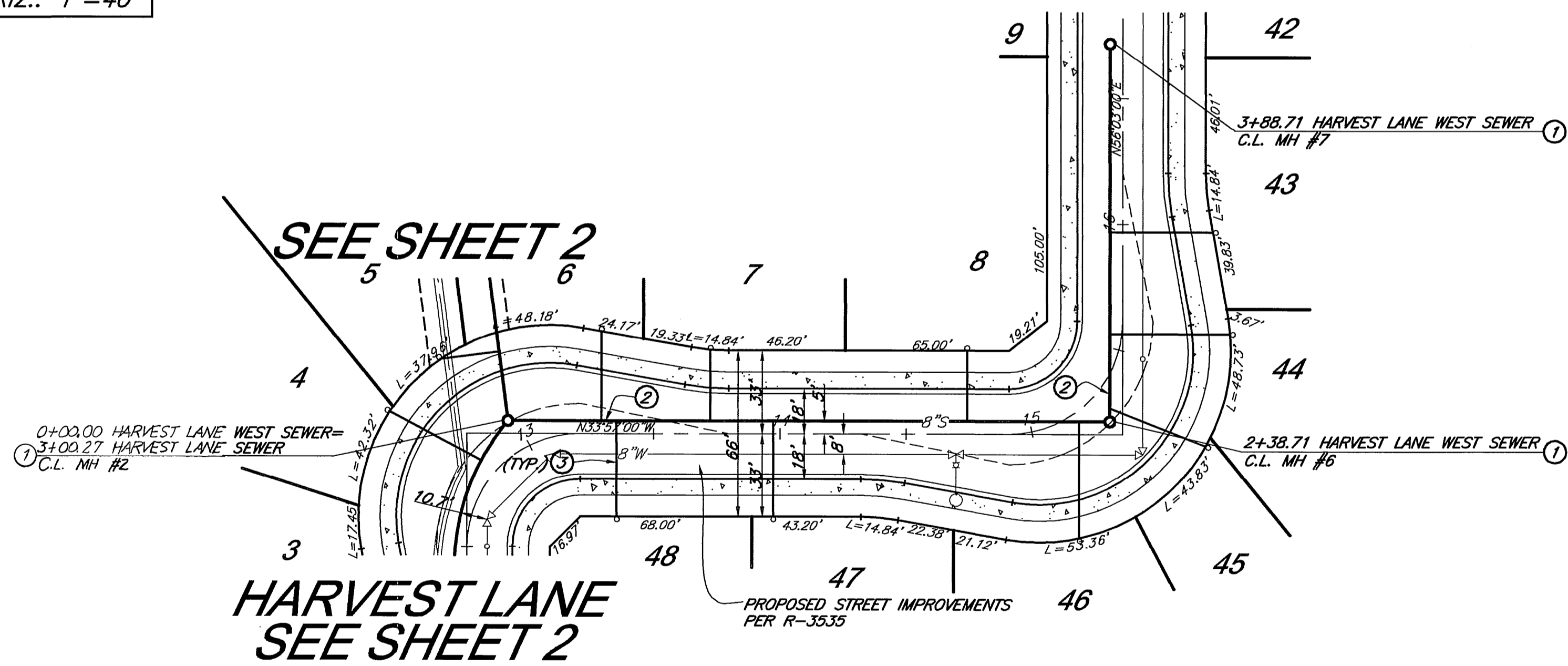
TRACT NO. 28829 SEWER IMPROVEMENT PLANS HARVEST LANE	SHEET 2 OF 4
HORIZ. SCALE:	VERT. SCALE:

INDEXED 9-9-99 LHM



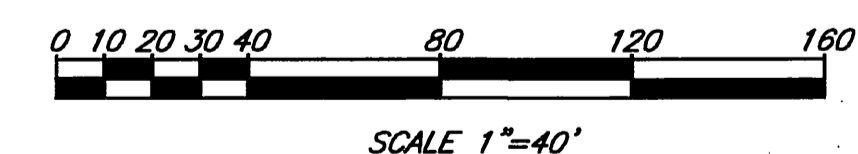
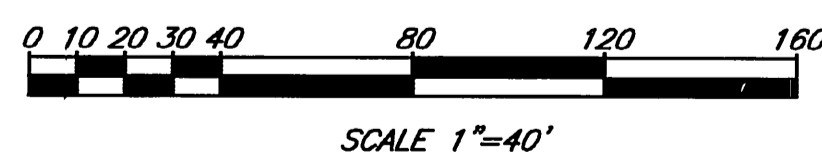
PROFILE SCALE:
VERT.: 1"=8'
HORIZ.: 1"=40'

0+00 1+00 2+00 3+00 4+00 0+00 1+00 2+00 3+00



HARVEST LANE

HARVEST LANE



CONSTRUCTION NOTES AND QUANTITIES

- ① CONSTRUCT SEWER MANHOLE PER CITY OF RIVERSIDE STD. 500
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- ③ CONSTRUCT 4" SEWER LATERAL WITH CLEANOUT @ P.L. PER CITY OF RIVERSIDE STD. 562A

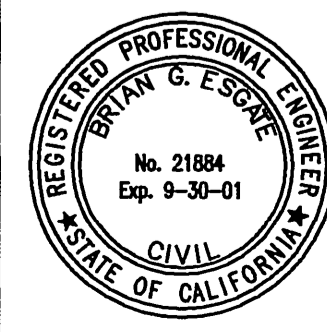
BENCHMARK # ML-22-2B

BENCHMARK: CITY OF RIVERSIDE B.M. G6-B2 (EL=944.502)
3" BRASS DISC IN WELL MONUMENT AT THE INTERSECTION OF VICTORIA AVE.
AND MARY ST., STAMPED "DEPT. OF PUBLIC ENGINEERING, G6-B", DN. 0.63'.

CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT-ELECTRIC OVERHEAD & UNDERGROUND	PACIFIC BELL
APPROVED BY <i>B. Marnold</i> DATE 7-21-99	APPROVED BY <i>L. J. Allgren</i> DATE 7-19-99
CITY OF RIVERSIDE WATER SYSTEM	SOUTHERN CALIFORNIA GAS CO.
APPROVED BY <i>Richard L. Dierker</i> DATE 7-23-99	APPROVED BY <i>Leei Lee</i> DATE 7-20-99
APPROVED BY VOID ONE YEAR FROM THIS DATE	REVIEWED

Land Development
LDC
Consultants

CIVIL ENGINEERING SURVEYING LAND PLANNING
5029 La Mort Dr. Suite 2, Riverside, CA 92507
(951) 684-9815



PREPARED UNDER THE SUPERVISION OF:
Brian G. Esqate
DATE
7/16/99
BRIAN G. ESQATE
R.C.E.#: 21884 EXP.: 9-30-01

DESIGNED BY	S.S.	DRAWN BY	C.W.G.	CHECKED BY	S.S./B.G.E.
REVISIONS					
MARK					

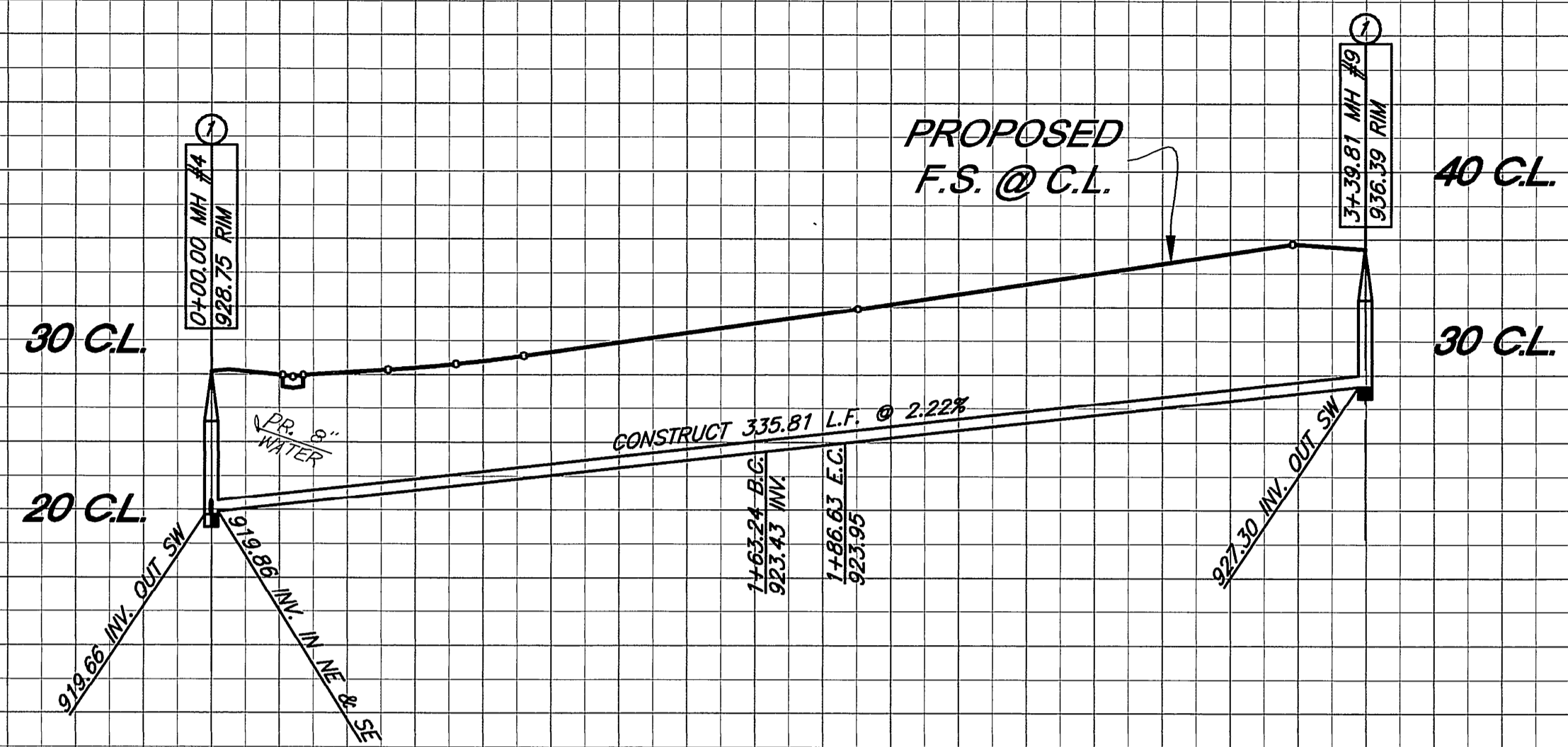
CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT		
APPROVED BY	BY	DATE
PRINCIPAL ENG.		
PARK DEPT.		
TRAFFIC DIVISION		
P.W. ENG. MANAGER		
SEWER SERVICES		
APPROVED BY		DATE
<i>R. McStrath</i>		7-27-99

TRACT NO. 28829
SEWER IMPROVEMENT PLANS
HARVEST LANE

HORIZ. SCALE: VERT. SCALE:

S-1713
SHEET 3 OF 4
JOB NO. 98101

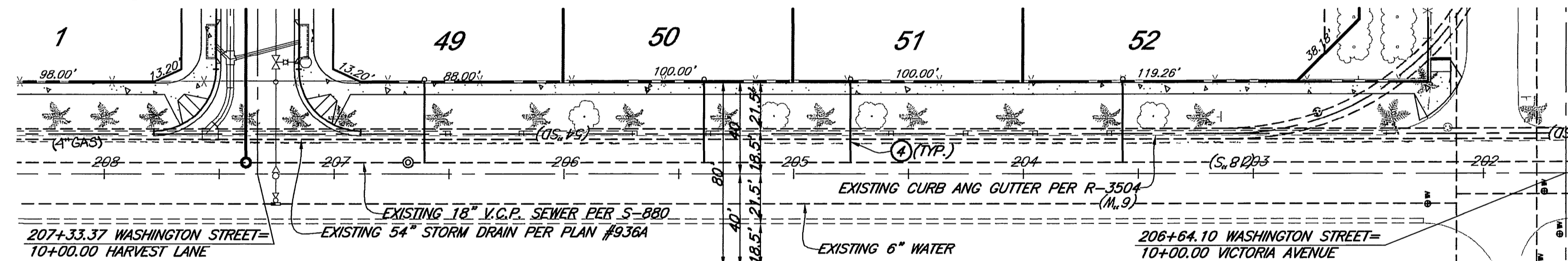
INDEXED 9-9-99 LHH



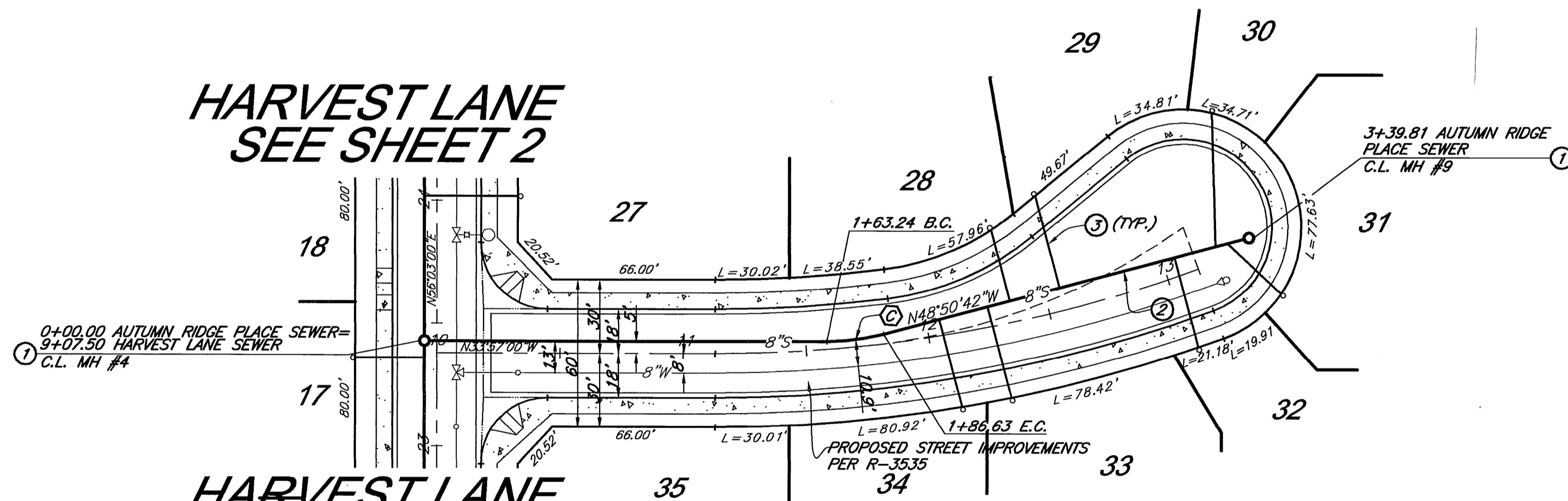
PROFILE SCALE:
VERT.: 1"=8'
HORIZ.: 1"=40'

0+00 1+00 2+00 3+00 4+00

HARVEST LANE
SEE SHEET 2



WASHINGTON STREET



HARVEST LANE
SEE SHEET 2

HARVEST LANE
SEE SHEET 2

AUTUMN RIDGE PLACE

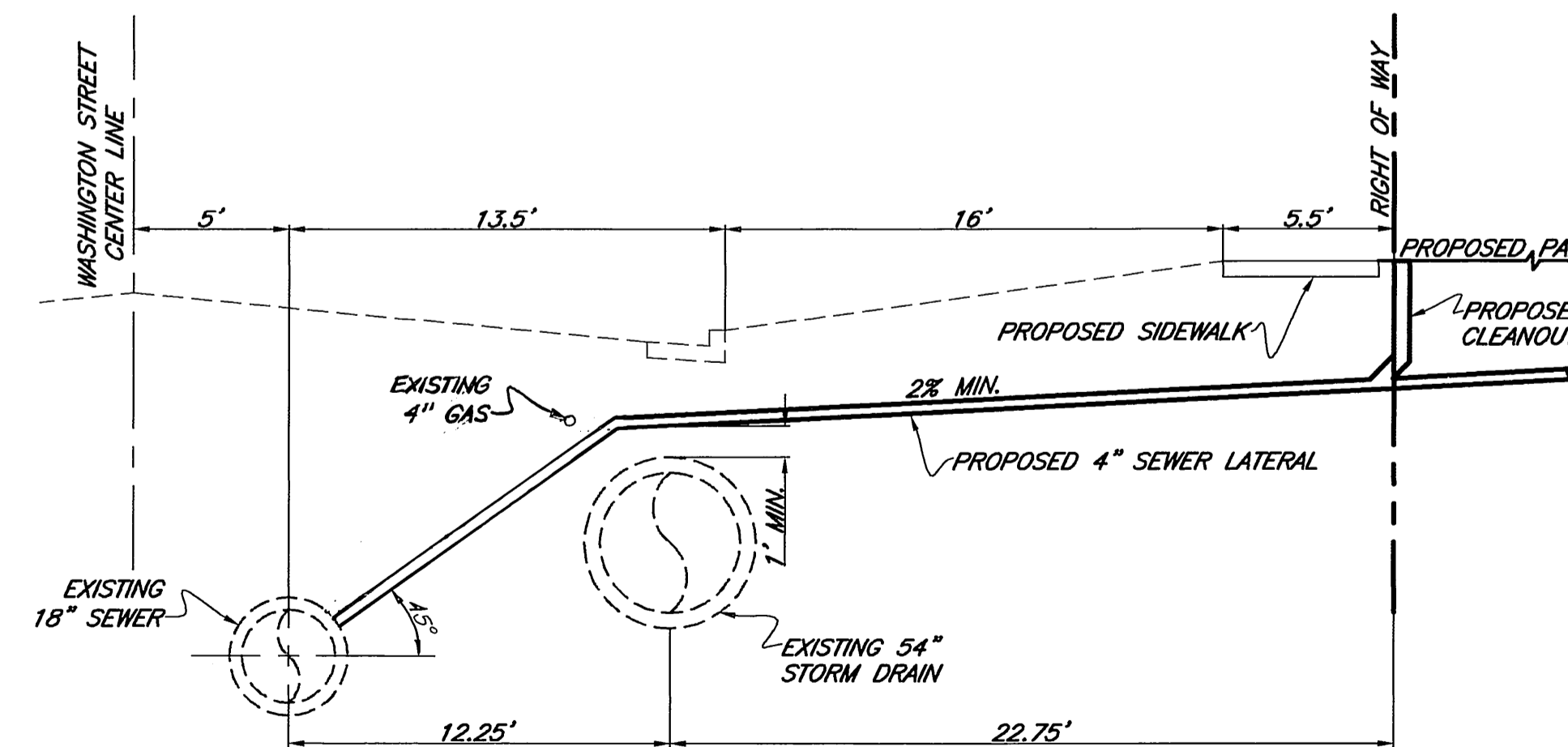
CONSTRUCTION NOTES AND QUANTITIES

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- ④ CONSTRUCT 4" SEWER LATERAL WITH CLEANOUT @ P.L. PER CITY OF RIVERSIDE STD. 562A AND DETAIL THIS SHEET

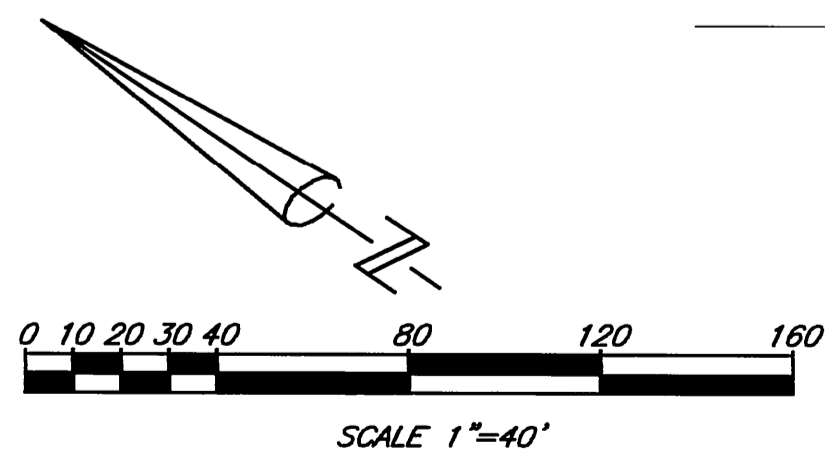
PIPE CURVE DATA			
Δ	R	L	T
① 14°53'42"	90.00'	23.40'	11.76'

BENCHMARK # ML-22-2B

BENCHMARK: CITY OF RIVERSIDE B.M. G6-B2 (EL=944.502)
3" BRASS DISC IN WELL MONUMENT AT THE INTERSECTION OF VICTORIA AVE. AND MARY ST., STAMPED "DEPT. OF PUBLIC ENGINEERING, G6-B", DN. 0.63.



SEWER LATERAL DETAIL
NOT TO SCALE



CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT-ELECTRIC
OVERHEAD & UNDERGROUND
APPROVED BY *B. Mainord* 7-11-99
DATE
CITY OF RIVERSIDE
WATER SYSTEM
APPROVED BY *R. Deolik* 7/23/99
DATE

PACIFIC BELL
APPROVED BY *P. Walker* 7-19-99
DATE
SOUTHERN CALIFORNIA GAS CO.
APPROVED BY *Steve Lee* 7-20-99
DATE

Land Development
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CIVIL ENGINEERING SURVEYING LAND PLANNING
5029 La Mer Dr. Suite E. Riverside, CA 92507
(951) 684-9815



PREPARED UNDER THE SUPERVISION OF:
Brian G. Esgate 7/16/99
DATE
BRIAN G. ESGATE
R.C.E.#: 21884 EXP.: 9-30-01

MARK REVISIONS APR. DATE
DESIGNED BY S.S. DRAWN BY C.V.G. CHECKED BY S.S./B.G.E.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY *R. McInath* 7-27-99
DATE

TRACT NO. 28829
SEWER IMPROVEMENT PLANS
AUTUMN RIDGE PLACE

S-1713

SHEET 4 OF 4

HORIZ. SCALE: VERT. SCALE: JOB NO. 98101

INDEXED 9-9-99 LHM