

SEWER IMPROVEMENT PLANS

ENGINEER'S NOTE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES AND STRUCTURES OR CONDUITS 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 DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK. CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN OR NOT SHOWN ON THESE PLANS.

CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITE, THE CITY ENGINEER MAY REQUIRE TEMPORARY GUNITE SWALES, ENTERING OR LEAVING IMPROVEMENTS.

SPECIAL NOTE FROM PRIVATE ENGINEER TO CONTRACTOR

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 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.

UNAUTHORIZED CHANGES AND USES

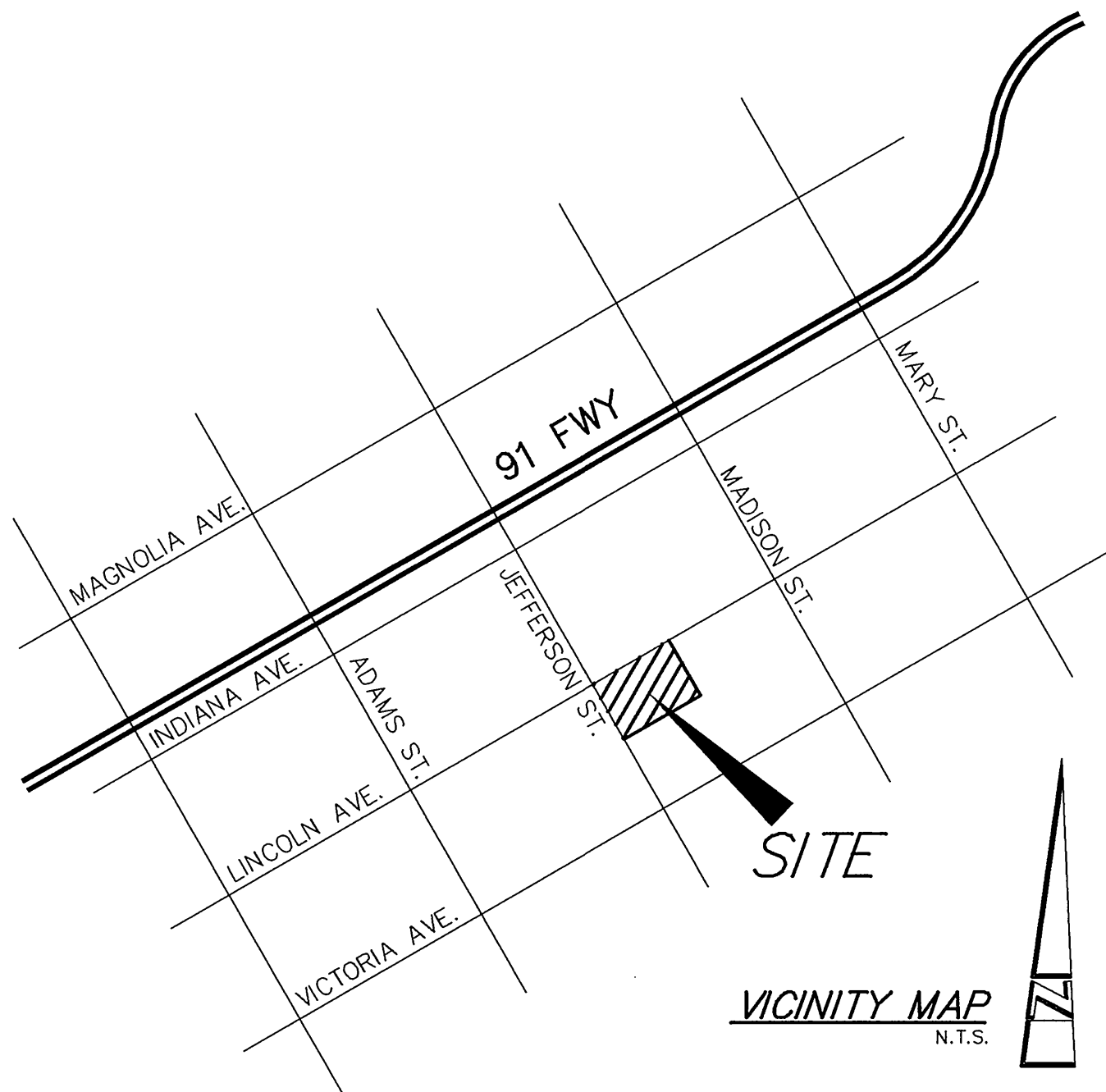
THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

LEGEND

EG	EXISTING GRADE
FG	FINISH GRADE
FS	FINISH SURFACE
TC	TOP OF CURB
FL	FLOW LINE
EP	EDGE OF PAVEMENT
FF	FINISH FLOOR
PAD	PAD GRADE
TW	TOP OF WALL
TF	TOP OF FOOTING
HP	HIGH POINT
LP	LOW POINT
	TOP OF SLOPE
	RATE OF SLOPE
	TOE OF SLOPE
	EXISTING CONTOUR
	EXISTING SEWER
	EXISTING WATER
	EXISTING FIRE HYDRANT
	PROPERTY LINE
	DAYLIGHT LINE
	REMOVAL
	A.C. PAVEMENT
	A.C. OVERLAY

BENCHMARK

BM FS-12
P.K. NAIL IN CURB RETURN
© LINCOLN ST. ENTRANCE
TO CITY MUNICIPAL YARD
ELEV. 882.034



VICINITY MAP
N.T.S.

SEWER NOTES:

DUCTILE IRON PIPE (D.I.P) WILL BE USED FOR CONSTRUCTION OF SEWER MAIN WITHIN ZONE B PER COUNTY HEALTH STANDARDS 400A.

USE A.W.W.A. C-151, MINIMUM THICKNESS CLASS 50 WITH COMPRESSION JOINTS PER C.W.D. -020. PIPE LINING AND COATING, AS APPROVED BY PUBLIC WORKS DEPT.

GENERAL NOTES

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECT 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 THE 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.
- TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH, STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- 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.
- FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED BY THE PRIVATE ENGINEER IN THE FIELD.
- 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.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), (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.).
- 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.
- 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 PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THE PLANS.
- DEVELOPER TO GIVE CITY WATER DIVISION 5 WORKING DAYS WRITTEN NOTICES PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY 15 WORKING DAYS FOR COMPLETION OF WORK (351-6150).
- WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENT SHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
- IN PAVEMENT OVERLAY AREAS, ANY DISTRESSED EXISTING PAVEMENT SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE INSPECTOR PRIOR TO OVERLAYING WITH A.C. PAVING.

CONSTRUCTION NOTES

CONSTRUCTION NOTES	QUANTITIES
① REMOVE EXISTING 8" PLUG. JOIN EXISTING 8" VCP AT MANHOLE	1 EA.
② SAWCUT TRENCH AND REPLACE A.C. PAVEMENT PER CITY STD. 453	5,623 S.F.
③ CONSTRUCT 8" D.I.P. SEWER PER CITY STANDARDS AND SPECIFICATION CWD-020.	1046 L.F.
④ CONSTRUCT PRECAST CONCRETE MANHOLE PER CITY OF RIVERSIDE STD. 500	4 EA.
⑤ CONSTRUCT 6" V.C.P. SEWER LATERAL PER CITY OF RIVERSIDE STD. 562A	215 L.F.

* A5-BUILT 9-30-05 LHM

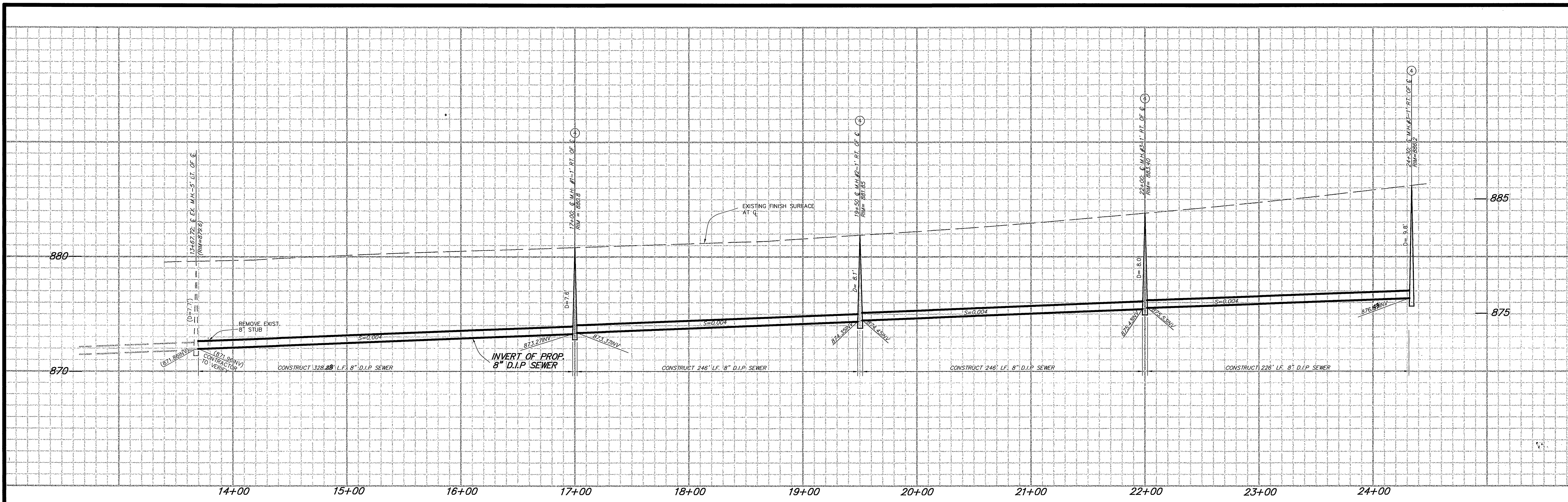
DIGALERT

DIAL TOLL FREE
1-800-227-2600
AT LEAST TWO DAYS
BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA



RIVERSIDE WATER DEPT.	LAND DEVELOPMENT DESIGN CORPORATION 2313 E. PHILADELPHIA ST., STE. F Ontario, CA 91761 (909) 930-1466 • FAX (909) 930-1468 PLANNING • CIVIL SURVEYING	PREPARED UNDER SUPERVISION <i>KJR</i> KEVIN J. RICHER, RCE 43714 DATE LIC. EXP. 12/31/05	9/16/03	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		SEWER IMPROVEMENT PLANS & PROFILE LINCOLN AVENUE 13+62.72 THROUGH 24+30	ACCOUNT NO. S-1811		
		APPROVED PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION	BY <i>ME</i>	DATE 9/16/03	APPROVED BY CITY ENGINEER <i>Glenn Boyd</i>	DATE 10/16/03	IN 3549	SHEET 1 OF 2	
CITY BUSINESS TAX CERT. NO. 72828 EXP. DATE 6/23/04		MARK	DESIGNED BY <i>KJR</i>	REVISIONS	DRAWN BY <i>CSW</i>	CHECKED BY <i>KJR</i>	DATE	HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'	INDEXED 11-03-03 LHM

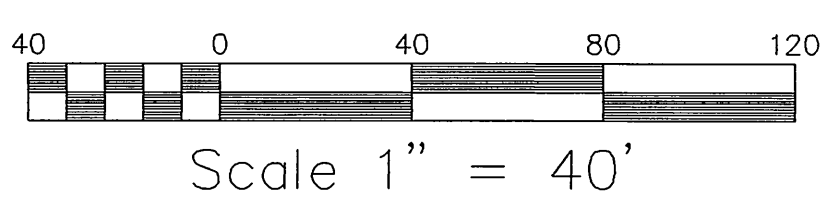
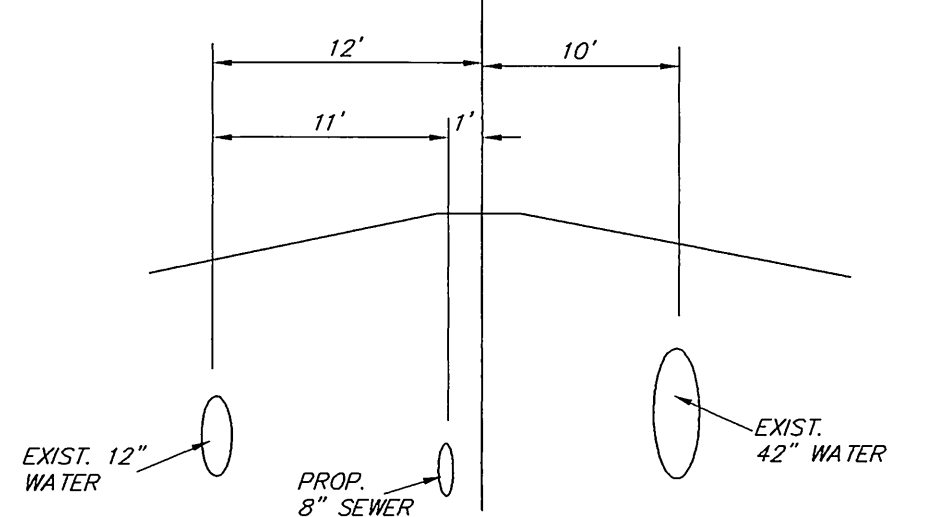


PROFILE SCALES:
 HORIZ: 1"=40'
 VERT: 1"=4'

CONSTRUCTION NOTES

- 1 REMOVE EXISTING 8" PLUG. JOIN EXISTING 8" VCP AT MANHOLE.
- 2 SAWCUT TRENCH AND REPLACE A.C. PAVEMENT PER CITY OF RIVERSIDE STD. 453
- 3 CONSTRUCT 8" D.I.P. SEWER PER CITY STANDARDS AND SPECIFICATIONS CWD-020
- 4 CONSTRUCT PRECAST CITY CONCRETE MANHOLE PER CITY OF RIVERSIDE STD. 500
- 5 CONSTRUCT 6" V.C.P. SEWER LATERAL PER CITY OF RIVERSIDE STD. 562

SEWER AND WATER DETAIL
 (STA. 17+00 TO 24+30) NTS



SEWER NOTE:

DUCTILE IRON PIPE (D.I.P.) WILL BE USED FOR CONSTRUCTION OF SEWER MAIN WITHIN ZONE B PER COUNTY HEALTH STANDARD 400A. USE ANNA C-151, MINIMUM THICKNESS CLASS 50 WITH COMPRESSION JOINTS PER C.W.D.-020. PIPE LINING AND COATING AS APPROVED BY PUBLIC WORKS DEPARTMENT.

LEGEND:

SAWCUT TRENCH, REPLACE A.C. PAVEMENT PER CITY STD. 453

DIGALERT
 DIAL TOLL FREE
 1-800-227-2800
 AT LEAST TWO DAYS
 BEFORE YOU DIG
 UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

RIVERSIDE WATER DEPT.
 ELEV. 882.034
 BM F5-12
 P.K. NAIL IN CURB RETURN
 @ LINCOLN ST. ENTRANCE
 TO CITY MUNICIPAL YARD
 2.8 9/16/03

LAND DEVELOPMENT DESIGN CORPORATION
 PREPARED BY: KEVIN L. RICHER
 RCE43714 LIC. EXP. 3/31/05
 DATE: 9/16/03
 2313 E. PHILADELPHIA ST., STE. F
 Ontario, CA 91761
 (909) 930-1466 • FAX (909) 930-1468
 PLANNING • CIVIL SURVEYING
 CITY BUSINESS TAX CERT. NO. 72828 EXP DATE 6-23-04

CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: [Signature]
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 DATE: 10/16/03

SEWER IMPROVEMENT PLAN & PROFILE
LINCOLN AVENUE
 13+62.72 THROUGH 24+30
 * AS-BUILT 9-30-05 left
 ACCOUNT NO. S-1811
 SHEET 2 OF 2
 INDEXED 11-03-03 left