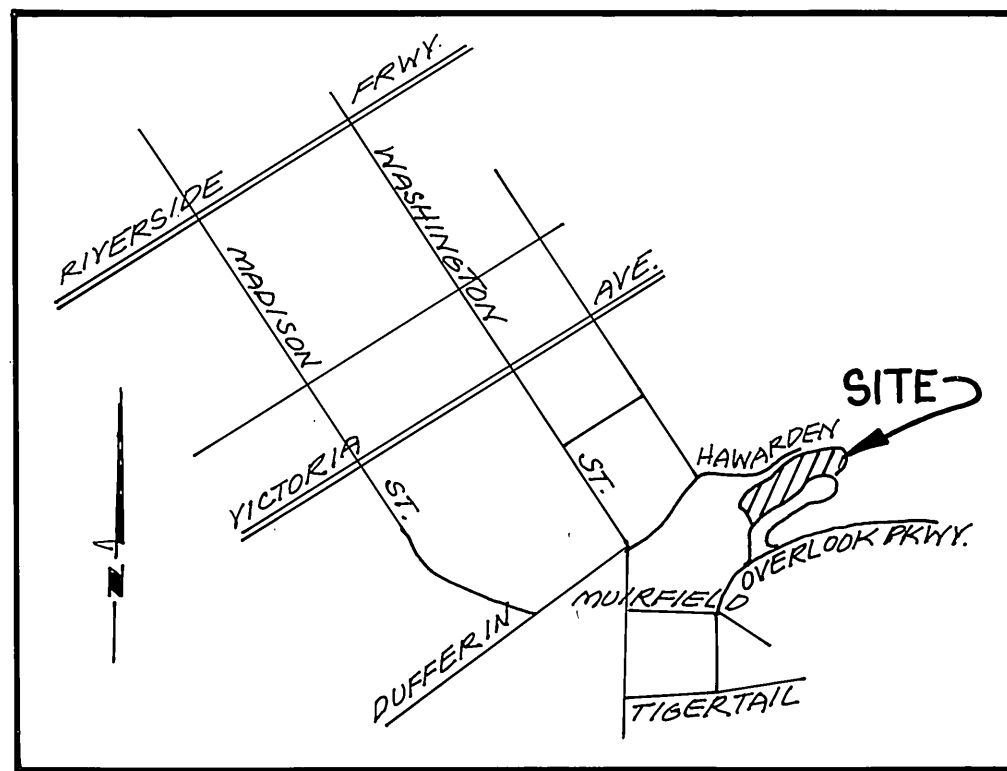


PM ~~23424~~ 32111 SEWER IMPROVEMENT PLANS



VICINITY MAP
N.T.S.

GENERAL SEWER NOTES

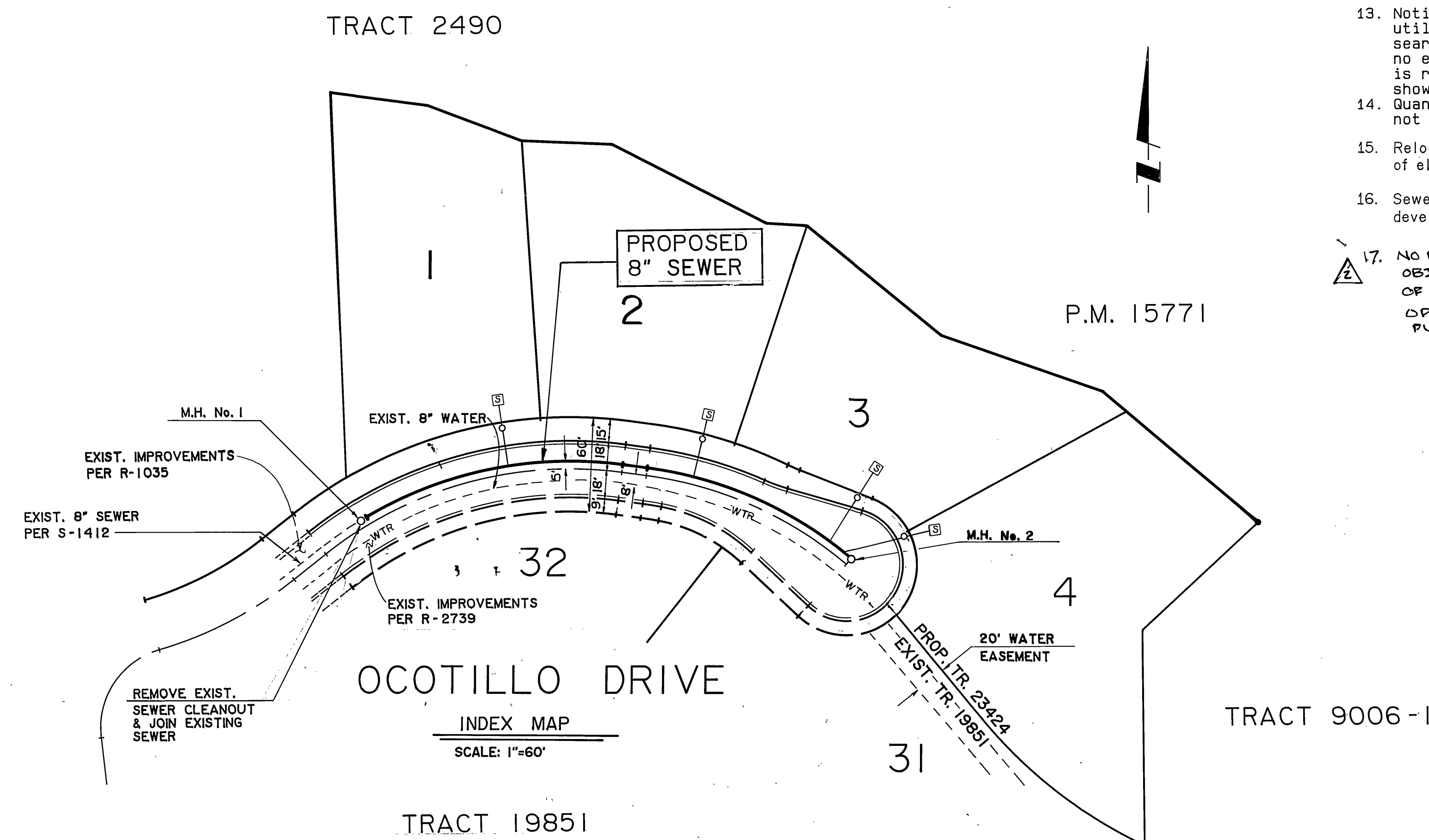
- The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the City.
- 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 Dept. of Public Works, Standard Drawings, Standard Drawing No. 10 and the Standard Specifications for Public Works Construction, current edition.
- Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with proposed and/or existing facilities.
- Contractor is to verify existing sewer elevation prior to construction.
- The sewer contractor shall adjust manholes to final grade after paving is completed.
- 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.
- 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.
- All manholes to be City of Riverside Standard No. 500.
- All flagged elevations shall be staked in the field by the private engineer.
- 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 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 take precautionary measures to protect the utility lines shown on any other lines not of record or not shown on these plans.
- Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
- Relocation fee to be paid by developer to Public Utilities Dept. prior to relocation of electrical facilities.
- Sewer laterals shown are for quantity purposes only. It will be the contractor/developer responsibility to coordinate sewer laterals with individual lots.
- NO PERSON 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.

CONSTRUCTION NOTES

- CONSTRUCT MANHOLES PER CITY OF RIV. STD. NO. 500.
- CONSTRUCT 8" V.C.P. WITH LAGE BEDDING PER CIR STD 452. CASE 1 GRANULAR MAT 6" (4" MIN. SAND)
- CONSTRUCT SEWER LATERALS AND CLEANOUT PER CITY OF RIV. STD. NO'S 562 & 560. WITH LAGE BEDDING PER CIR STD 452. CASE 1 GRANULAR MAT 6" (4" MIN. SAND)
- CONSTRUCT BACK FLOW PREVENTION DEVICE. (AMERICAN FOUUDRY'S NH53-A OR APPROVED EQUAL).

LEGEND

- EXISTING 8" V.C.P. SEWER
- PROPOSED 8" V.C.P. SEWER
- PROPOSED MANHOLE



LAND MARK: Rev. Δ & \triangle ONLY
SURVEYING • MAPPING • ENGINEERING
9342 NARAJA DRIVE
RIVERSIDE, CA 92503
(909) 258-1305 3581306 FAX
CITY LIC. # 71955 EXP 3/2/05

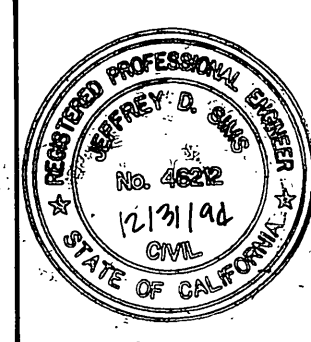
Sam Akbarpour C053038 6/20/97
CIVIL ENGR. UC EXP.

CITY OF RIVERSIDE
WATER SYSTEMS
Approved by: Richard L. Drobak 2-19-92
Date:

CITY OF RIVERSIDE
OVERHEAD & UNDERGROUND
Approved by: Wm W. Lutten 10/1/92
Date:



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:
J. F. Davidson
REGISTERED CIVIL ENGINEER NO. 46212
EXPIRATION DATE: 12/31/91 DATE: 10/10/91

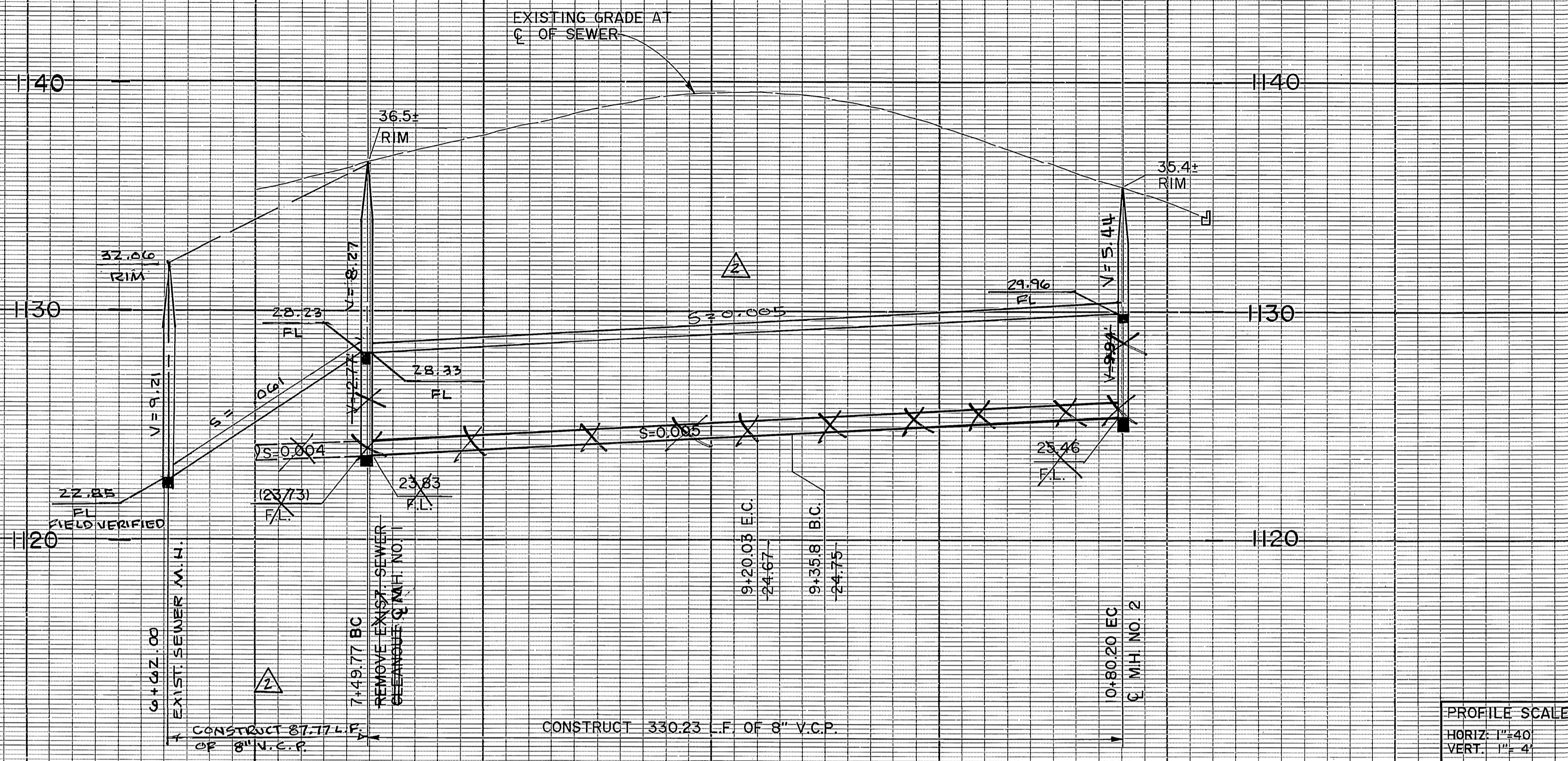
CITY BUSINESS TAX CERT. No. 4994 EXP. DATE 12/31/92
J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 686-0844 FAX 714-686-9954
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (919) 345-5591 FAX 619-340-0529
73-080 El Paseo, Suite 106 Palm Desert, CA 92260 (619) 345-5591 FAX 619-340-0529
SCALE: AS SHOWN
DATE: AUGUST, 1991

DESIGNED BY: T.S. DRAWN BY: J.A.A. CHECKED BY: T.C.L.
REVISIONS: RAISED R 4.5' & NOTES, REVISED MAP NO. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: [Signature] DATE: 7/21/92
PRINCIPAL ENGINEER: [Signature] DATE: 7/19/92
PARK DEPARTMENT: [Signature] DATE: 7/19/92
TRAFFIC DIVISION: [Signature] DATE: 7/19/92
CHIEF P.W. ENGR. DATE: 7/21/92

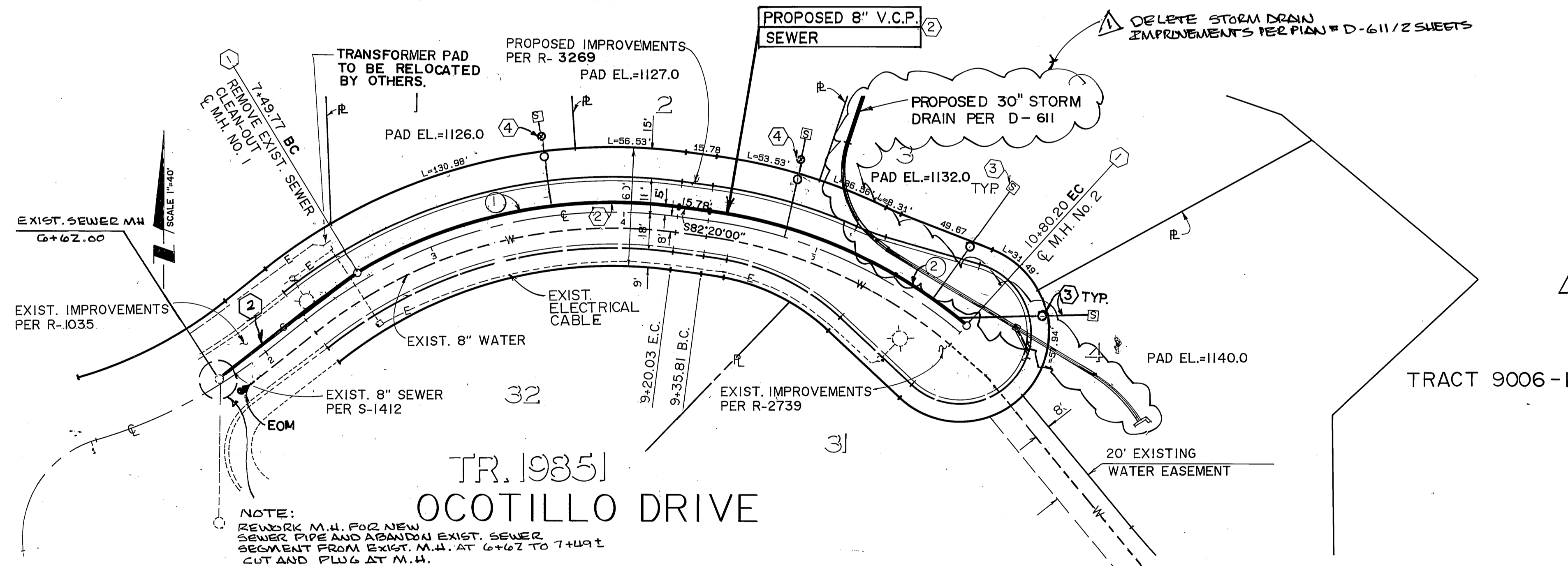
PM ~~23424~~ 32111
SEWER IMPROVEMENT PLANS
TITLE SHEET
OCOTILLO DRIVE
FOR: WAYNE FROST

PROJECT NO. 9112583
S-1634
SHEET 1 OF 2
FILE NO. 9112583



6 7 8 9 10 11 12

NOTE: LOTS 1 & 2 TO BE SEWERED OUT BY PUMP



NO.	Δ	R	L	T
①	38°15'24"	255.00'	170.26'	88.44'
②	32°26'37"	255.00'	144.39'	74.19'

CONSTRUCTION NOTES:

- ① CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. NO. 500.
- ② CONSTRUCT 8" V.C.P. WITH CASE BEDDING PER C.I.C. STD. 452. CASE 1 GRANULAR MAT. 6" (4" MIN. SAND)
- ③ CONSTRUCT SEWER LATERALS AND CLEANOUT PER CITY OF RIV. STD. NO'S 560 & 562 WITH CASE BEDDING STD. 452. CASE 1 GRANULAR MAT. 6" (4" MIN. SAND)
- ④ CONSTRUCT BACK FLOW PREVENTION DEVICE. (AMERICAN FOUNDRY'S NH53-A OR APPROVED EQUAL).

CITY OF RIVERSIDE WATER SYSTEMS

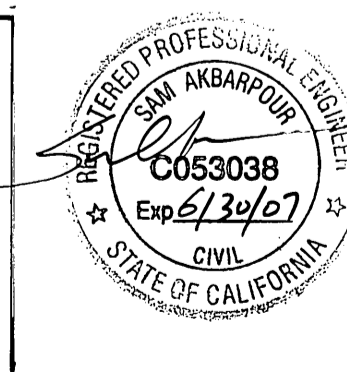
Approved by: *Richard L. Drotak* Date: 2-19-92

CITY OF RIVERSIDE OVERHEAD & UNDERGROUND

Approved by: *Wm W. Luster* Date: 10-1-91

LANDMARK: REV. Δ ONLY SURVEYING - MAPPING ENGINEERING 9342 NARNIA DRIVE RIVERSIDE, CA 92503 (909) 358-1305 3581306 FAX CITY LIC. # 71955 EXP. 3/21/05

Saltzman C053038 6/30/07 CIVIL ENGR LIC EXP



LANDMARK SURVEYING & ENGINEERING REV. Δ ONLY 9342 NARNIA DRIVE RIVERSIDE, CA 92503 (951) 358-1305 CITY LIC. # 71955 EXP. 3/21/05

S. Olf C053038 6/30/07 CIVIL ENGR. LIC EXP 7-28-05

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:
Jeffrey D. Sims REGISTERED CIVIL ENGINEER NO. 46212 EXPIRATION DATE: 12/31/94 DATE: 10/16/91

J.F. Davidson Associates, Inc.
ENGINEERING PLANNING SURVEYING ARCHITECTURE LANDSCAPE ARCHITECTURE
3880 Lemon Street, Suite 300 P.O. Box 493 Riverside, CA 92502 (714) 686-0844 FAX 714-686-5954
11200 S. Mt. Vernon Ave., Suite "D" Colton, CA 92324 (916) 348-9091 FAX 916-340-0529
CITY BUSINESS TAX CERT. NO. :4994 EXP. DATE: 12-31-92

SCALE: DATE: AUGUST, 1991 BENCH MARK: CITY OF RIVERSIDE BENCH MARK F-8-S P.K. NAIL & TAG IN TOP OF CONCRETE VAULT ON THE WEST SIDE OF WASHINGTON ST. 15' N'LY OF THE CENTERLINE OF WASHINGTON ROAD PROVIDED PER THE CITY OF RIVERSIDE PRECISE BENCH MARK BOOK. ELEV.: 1029.593

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *Wayne Frost* DATE: 7/21/92
PRINCIPAL ENGINEER
TRAFFIC DIVISION
CHIEF P.W. ENGR.

PROJECT NO. 9112583
SEWER IMPROVEMENT PLANS
OCOTILLO DRIVE
FOR: WAYNE FROST
SHEET 2 OF 2
FILE NO.: 9112583

INDEXED 8-13-92 6-11