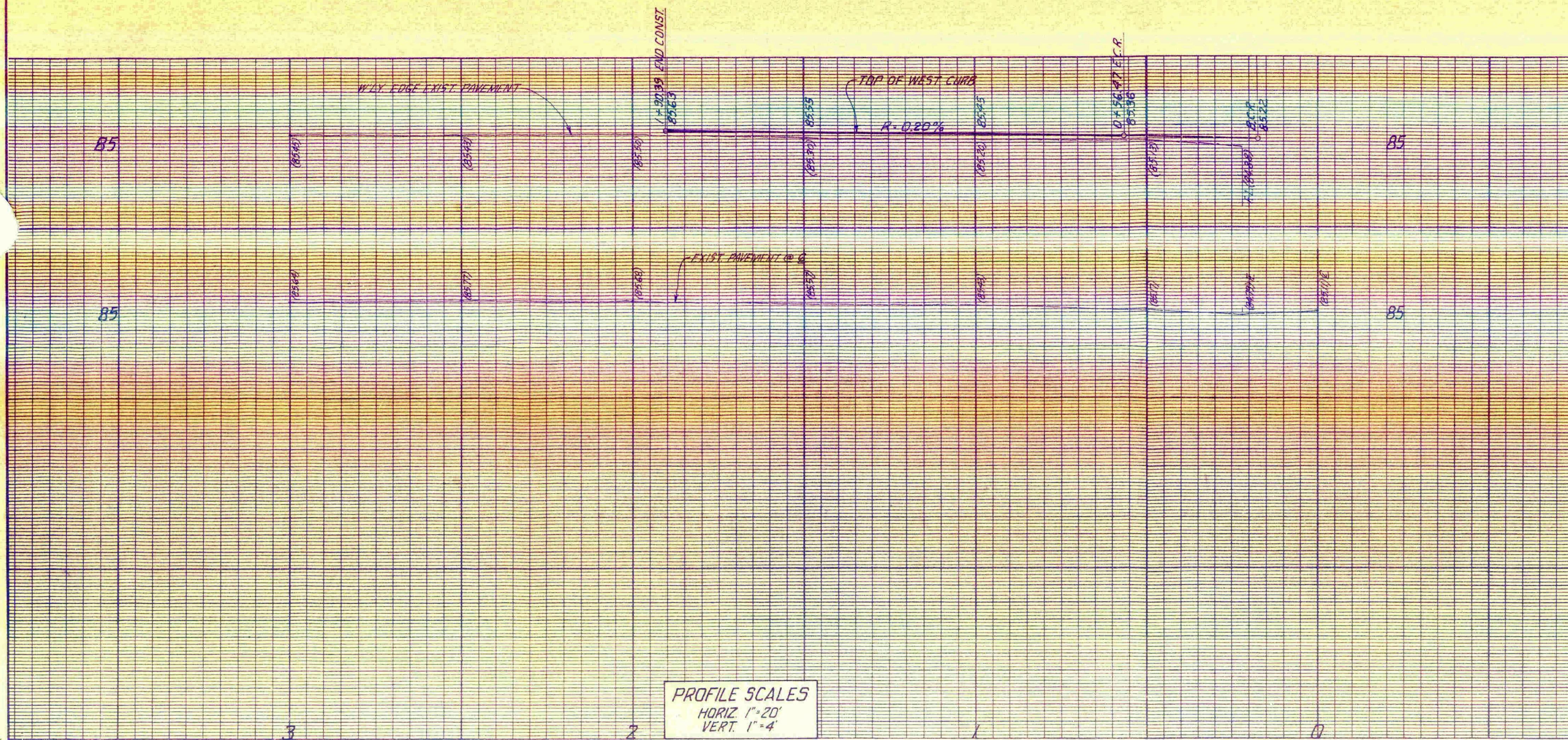


TR 10667 ACACIA & GROVE



PROFILE SCALES
HORIZ. 1"=20'
VERT. 1"=4'

CONSTRUCTION NOTES AND ESTIMATE OF QUANTITIES:

- Construct catch basin type O.S. per city standard plan B-201. W = 4 feet with local depression per city standard plan B-205. 1 Each
- Construct 18" A.C.P. - 2500 D, or 18" R.C.P. - 1750 D. 62 L.F.
- Construct junction structure Type IV per OCEMA std. plan 313. 1 Each
- Sawcut existing pavement and join with new A.C. pavement. 484 L.F.
- Construct sidewalk per city standard plan B-106, ("Scotfield" Lo Jolie Buff COLOR). 2636 S.F.
- Construct A.C. pavement per city standard plan B-112. 272 L.F.
- Construct curb and gutter type "D" per city standard plan B-103 (3" A.C. over 6" A.B.). 6380 S.F.
- Construct curb and gutter type "D" per city standard plan B-113 129 L.F.
- Power pole to be relocated by others. 2 Each
- Water meter to be removed by city forces. 4 Each
- Street sign to be relocated. 1 Each
- Construct drive approach per city standard plan B-118, ("Scotfield" Lo Jolie Buff COLOR). 2 Each
- Construct 3' x 4' tree wells per city standard B-123. 5 Each
- Construct sidewalk landing and wheelchair ramp per city standard plans B-107 and B-127 (includes 6" to 8" curb transition). 48 S.F.
- Construct sewer manhole per Garden Grove Sanitation District plan 101-1. 1 Each
- Construct 8" V.C.P. sewer. 190 L.F.
- Construct 6" V.C.P. sewer. 55 L.F.
- Adjust irrigation valve to grade. 1 Each

WATER CONSTRUCTION NOTES:

- 2" P.E. service for 2" meter per city standard plans B-723 - to be installed by city forces, upon payment of applicable fees.
- 8" fire service and vault per city standard plan B-728 to be installed by city forces upon payment of applicable fees.

SEWER NOTES:

- All sanitary sewer construction shall conform to the Standard Plans and Specifications of the Garden Grove Sanitary District and/or the City of Garden Grove. The Garden Grove Sanitary District Standard Sewer Notes are part of these plans, and are incorporated by reference herein, they are available at the Sanitary District Office.
- The contractor shall be responsible for maintaining all sewer lines in place and shall bear any expense for repairs or approved relocations to said facilities.
- No mechanical excavation within two feet (laterally) of a sewer main will be allowed.
- Sewer stationing is shown thus (1+23) and is independent of Street stationing. Pipe lengths are to 6" of M.H.

WATER NOTES:

- The Contractor shall be responsible for maintaining all water lines in place, and shall bear any expenses, or repairs, or approved relocations to said facilities.
- No mechanical excavation within 2 ft. (laterally) of a water main will be allowed.
- Water service must be maintained to all customers within the construction area at all times. If the primary source of water is interrupted, a temporary secondary source shall be supplied by the Contractor and approved by the Director of the Water Department. Any expenditures and incidentals thereto shall be borne by the Contractor.
- All Water Meters and service for abutting property to be installed by others prior to paving. Contractor shall coordinate this work with the City of Garden Grove's Water Department.

TRAFFIC NOTES:

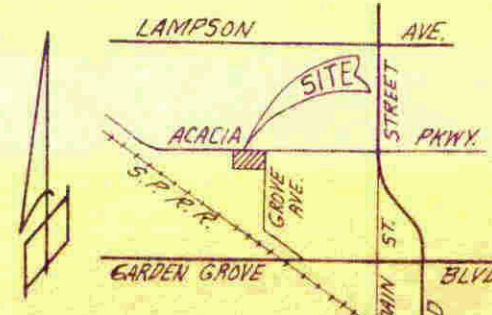
- Temporary traffic control during construction shall conform to the Department of Public Works and Developments latest "Public Convenience and Traffic Control Specifications Sheet."
- All traffic control devices shall be installed, re-located, or removed to the satisfaction of the City Engineer.

GENERAL NOTES:

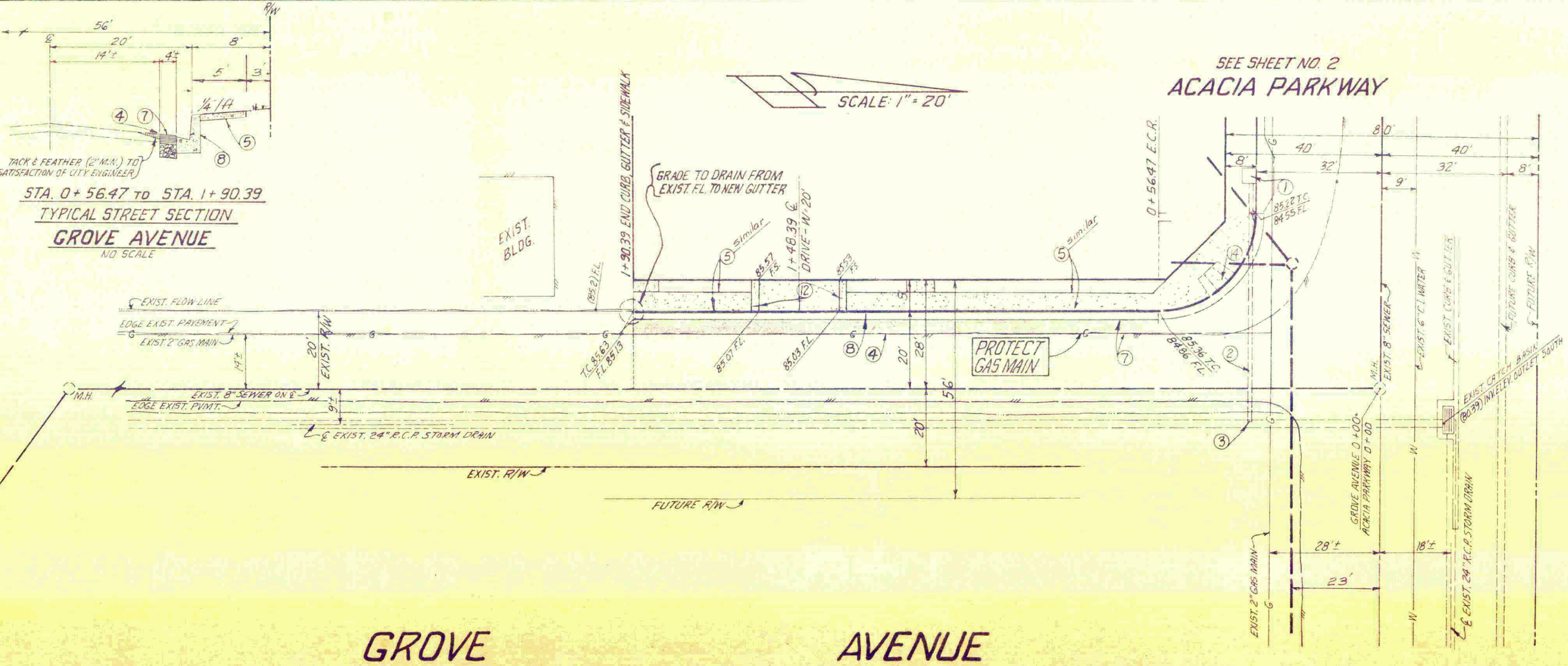
- All work shall conform to the City of Garden Grove Standard Plans and Specifications as well as the Standard Specifications of the State of California Department of Transportation, dated January, 1978.
- Compaction Tests and Reports shall be furnished as required by the City Engineer.
- The Contractor shall obtain all the necessary permits and notify the City of Garden Grove Water Department and all other utility companies a minimum of 48 hours prior to the start of construction.
- Telephone and power poles to be relocated by others.
- All underground utilities shall be installed prior to construction of street improvements.
- Any existing City travelways in which excavation is made in conjunction with these improvements shall be resurfaced within two weeks after excavation is made and shall be covered by a separate permit.
- Gate valves to be adjusted to grade and/or relocated by others.

UNDERGROUND STRUCTURES

All underground utilities or structures reported by the owner or others and those shown on the records examined are indicated with their approximate location and extent. The owner by accepting these plans or proceeding with improvements pursuant thereto agrees to assume liability and to hold undersigned harmless for any damages resulting from the existence of underground utilities or structures not reported to the undersigned, not indicated on the public records examined, located at variance with that reported, or shown on records examined. The contractor is required to take due precautionary measures to protect the utilities or structures shown and any other utilities or structures found at the site. It shall be the contractor's responsibility to notify the owners of the utilities or structures concerned before starting work.



VICINITY MAP
NO SCALE



BENCH MARK: G.G. No. FN-317 ELEV. 89.160 RAM SET NAIL IN TOP OF WEST CURB OF MAIN STREET, 385.8' NORTH OF THE CENTERLINE OF STANFORD AVENUE IN FRONT OF 12671 MAIN STREET.		DESIGNED BY: J.P.N. DRAWN BY: W.J.S. CHECKED BY: J.P.N. PLANS PREPARED BY: NORRIS ENGINEERING, INC. 17291 IRVINE BLVD. JUSTIN, CALIF. 92680 PHONE (714) 544-6710		A-1382	
DATE: 8/15/79 BY: J.P.N. DESCRIPTION: REVISIONS: REFERENCE PLANS FOR THESE IMPROVEMENTS:		DATE: 8/15/79 BY: J.P.N. DESCRIPTION: REVISIONS: REFERENCE PLANS FOR THESE IMPROVEMENTS:		DATE: 8/15/79 BY: J.P.N. DESCRIPTION: REVISIONS: REFERENCE PLANS FOR THESE IMPROVEMENTS:	
GARDEN GROVE SANITARY DISTRICT Approved this 21st day of Aug. 1979 Ronald O. Cates Gen. Mgr.		PUBLIC SER DIR R/W AGENT: [Signature] DIR. WATER DEPT.: [Signature]		SUBMITTED 9-1-79 BY: [Signature] R.C.E. 21265 DEPUTY CITY ENGINEER	
APPROVED 9/4/79 BY: [Signature] R.C.E. 27489 CITY ENGINEER		STREET IMPROVEMENTS FOR GROVE AVENUE TRACT 10667 FROM ACACIA PARKWAY TO 190' SOUTHERLY		DRAWING NUMBER A-1382.1 SHEET 1 OF 2	

RECEIVED APR 21 1981