GENERAL NOTES:

1. MAXIMUM SPACING BETWEEN FIRE HYDRANTS IS 550’ FOR MULTIFAMILY, COMMERCIAL & INDUSTRIAL; 400’ FOR SINGLE FAMILY RESIDENTIAL.

2A. ALL PIPE SIZES 4” THRU 12” TO BE P.V.C., AWWA C900 CLASS 150, DR 18 UNLESS NOTED OTHERWISE.

2B. ALL PIPE SIZES 14” THRU 36” TO BE AWWA C905, DR 18 WITH A PRESS. RATING OF 165 PSI, UNLESS NOTED OTHERWISE.

3. WATER MAINS TO BE PLACED 6’ HORIZONTALLY FROM NORTH & EAST CURBS.

4. THE NUMBER OF VALVES REQUIRED AT A JUNCTION IS THE NO. OF LEGS LESS ONE, EXCEPT FOR TRANSMISSION LINES WHICH REQUIRE A VALVE AT EVERY LEG OF TEE OR CROSS.

5. ALL DEAD ENDS REQUIRE A FIRE HYDRANT OR A BLOW-OFF (1’ MIN. SIZE OR AS PER CITY ENGINEER).

6. FUTURE STREETS AND FUTURE LINES SHALL BE PROVIDED FOR WITH A LEG OF TEE OR CROSS, APPROPRIATE VALVING, FITTINGS, PIPING UNDER PAVEMENT & BLOW-OFF SHALL ALSO BE REQUIRED.

7. DEPTH OF COVER TO BE PER TABLE THIS SHEET.

8A. ALL VALVE SIZES FROM 3” TO 12” SHALL BE RESILIENT-WEDGE GATE VALVES, C509 CLOW, WATERWORKS, A.V. WASH OR APPROVED EQUAL.

8B. ALL VALVE SIZES 14” AND ABOVE SHALL BE RUBBER-SEATED BUTTERFLY VALVES AWWA C504 (MUELLEN BRAND LINE SEAL III EPOXY LINED I.D. OR APPROVED EQUAL).

9. ALL VALVES, FITTINGS AND PIPE SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATION FOR MATERIALS AND THE INSTALLATION OF WATER MAINS.

TYPICAL PLAN

SHOWING WATER MAIN LAYOUT, BASIC SIZE & SCHEMATIC LOCATION OF VALVES & FIRE HYDRANTS.

THIS DRAWING IS A DESIGN GUIDELINE ONLY, NOT FOR CONSTRUCTION PURPOSES.

TYPICAL DETAILS

SHOWING FITTINGS REQUIRED & SIZE. SEE DRWING FOR PLAN SYMBOLS FOR WATER MAINS AND APPURTENANCES.

City of Santa Maria
Standard Drawing

WA-11A

DRAWN BY: L.A.D. DATE DRAWN: 7/69 SCALE: NONE

SHEET 1 OF 1