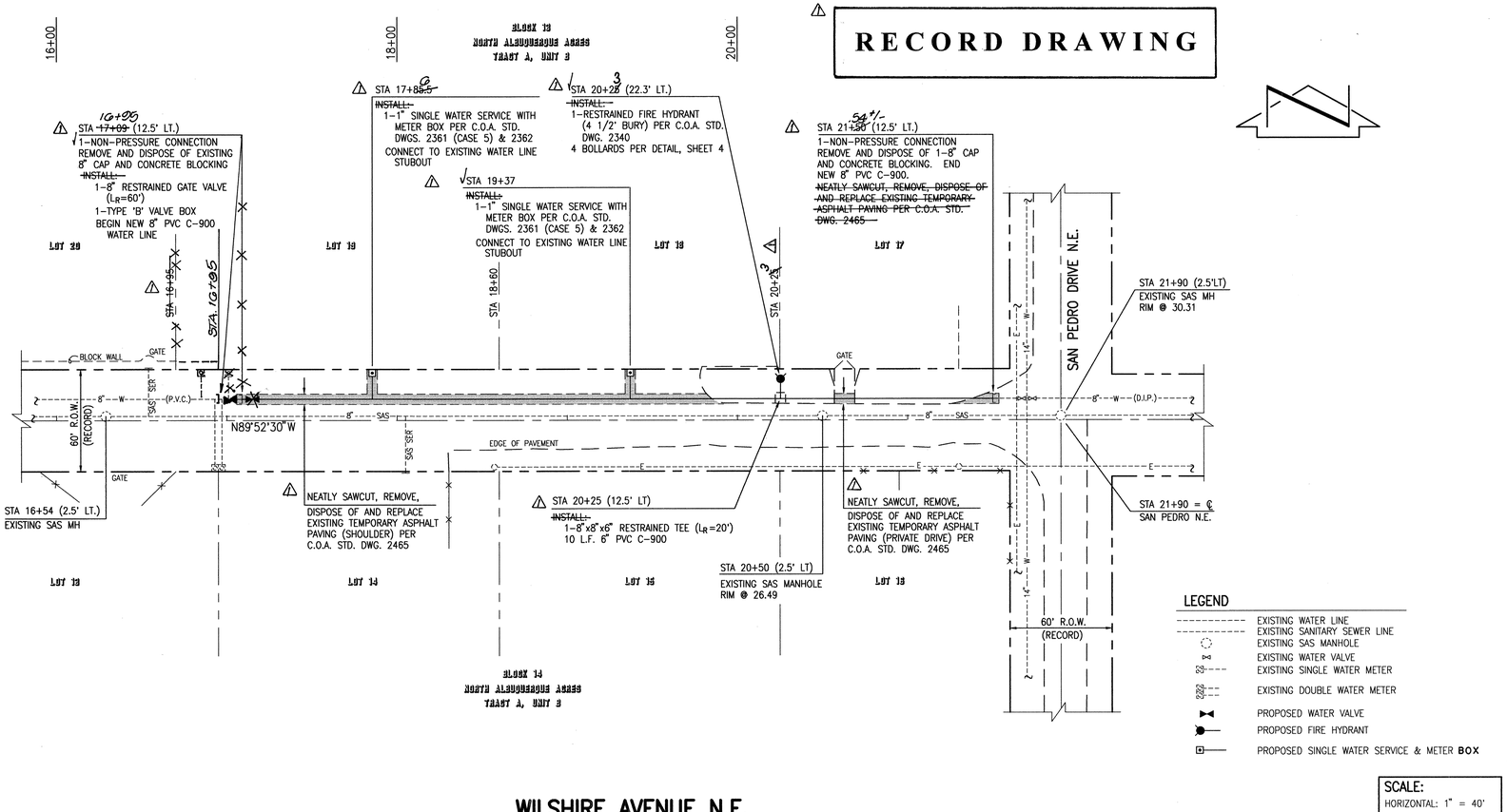
RECORD DRAWING

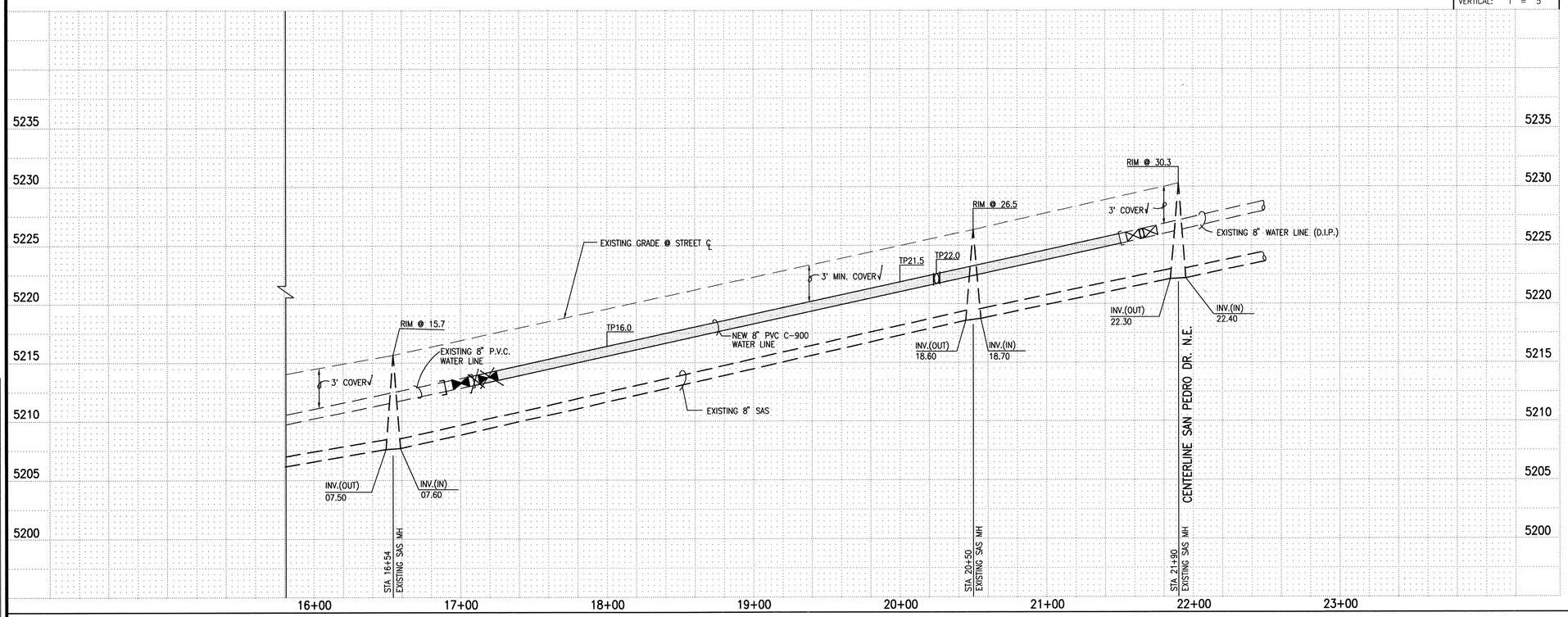


LEGEND

- EXISTING WATER LINE
- EXISTING SANITARY SEWER LINE
- EXISTING SAS MANHOLE
- EXISTING WATER VALVE
- EXISTING SINGLE WATER METER
- EXISTING DOUBLE WATER METER
- PROPOSED WATER VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE & METER BOX

WILSHIRE AVENUE N.E.

SCALE:
HORIZONTAL: 1" = 40'
VERTICAL: 1" = 5'



WATER LINE CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3. FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE PVC DUCTILE IRON OR PVC C-905 OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
4. WATER LINE SHALL HAVE A MINIMUM COVER OF 3'0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
7. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
8. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATER LINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
9. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
10. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
13. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
14. ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATER LINE IS PUT INTO SERVICE BY WATER SYSTEM DIVISION PERSONNEL.
15. SEE WATER VALVE SHUT-OFF PLAN, SHEET 4.
16. EXISTING WATER LINE MATERIALS BASED UPON RECORD DATA; ACTUAL PIPE MATERIALS MAY VARY. THEREFORE CONTRACTOR SHALL VERIFY PRIOR TO ORDERING FITTINGS, ETC.

RECORD DRAWING △1

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this Record Information was obtained by me or under my supervision and represents the record conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
NMPE No. 8547

Date 06-26-2001

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250
☐ FAX: 505 345-4254 ☐ E mail: jmainc@swcp.com

2001.005.1 2

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: 5801 & 5901 WILSHIRE N.E.
WATER LINE EXTENSION
PLAN AND PROFILE

Design Review Committee: APPROVED MAR 22 2001 DESIGN REVIEW COMMITTEE

City Engineer Approval

Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 659081 | Zone Map No. C-18 | Sheet 3 Of 6

AS BUILT INFORMATION

CONTRACTOR	Hydro Systems Inc.		DATE
WORK STAKED BY	—	—	—
INSPECTOR'S ACCEPTANCE BY	M.D.S.	Ron Rutzenpe	DATE 06/01
FIELD VERIFICATION BY	M.D.S.		DATE 06/01
DRAWINGS CORRECTED BY	J.M.A.		DATE 06/01

MICRO-FILM INFORMATION

RECORDED BY	
DATE	
NO.	

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES NO.	BY	DATE
570481	MGA (AS-BUILTS)	11/97

ENGINEER'S SEAL

JEFFREY G. MORTENSEN NEW MEXICO 8547 REGISTERED PROFESSIONAL ENGINEER

03-07-2001

NO.	DATE	REMARKS	BY
△1	06/01	RECORD DRAWING	MDS

Revisions

DESIGN

		Date
Designed By	J.G.M.	03-2001
Drawn By	S.G.H.	03-2001
Checked By	J.G.M.	03-2001

File Path: F:\MDA\MDA01\2001.005\1\
File Name: 10051PP.DWG
Plot Date: 03-07-2001
Plot Time: 2:39 pm

SCANNED BY MESA REPRO