

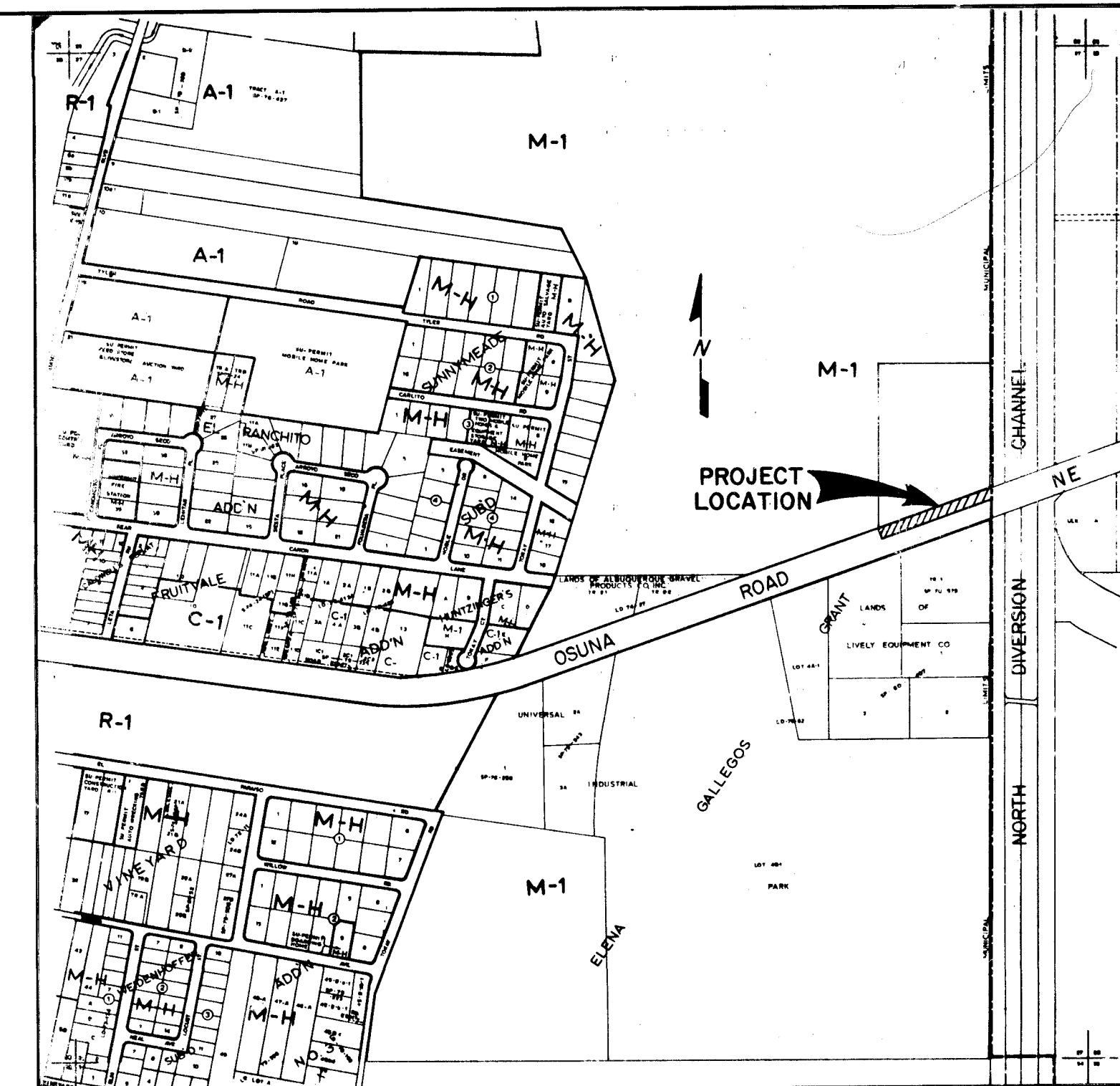
CONSTRUCTION PLANS FOR

OSUNA ROAD N.E.

WATER LINE DESIGN

INDEX

1. COVER SHEET & GENERAL NOTES
2. PLAN & PROFILE
3. PLAN & PROFILE



VICINITY MAP E-16

SCALE: 1" = 800'

GENERAL NOTES

1. All work detailed on these plans to be performed under contract shall, except otherwise stated or provided for herein, be constructed in accordance with the New Mexico Standard Specifications for Public Works Construction - 1979 Edition (referred herein as the Standard Specifications) and the contract documents for Public Works Contract No. 84-3
2. Two (2) working days prior to any excavation, Contractor must contact line locating service, 765-1234, for location of existing utilities.
3. Prior to construction, the Contractor shall excavate and verify the horizontal and vertical locations of all potential obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
4. All work on this project shall be performed in accordance with applicable Federal, State and Local laws, rules, and regulations concerning construction safety and health.
5. Contractor shall maintain access to adjacent properties during construction.
6. All gas, electric, telephone lines, cables, and appurtenances encountered during construction that require relocation, shall be done by the responsible utility. Contractor shall be responsible for coordination of all necessary utility adjustments.
7. It will be the Contractor's responsibility to protect and maintain in service all existing utilities.
8. The Contractor will be required to confine his work within the construction limits and/or public right-of-way to preserve existing vegetation and private property. Overnight parking of construction equipment shall not obstruct driveways or designated traffic lanes.
9. A disposal site for all excess excavation material, asphaltic paving, concrete curbs and sidewalks, etc., shall be obtained by the Contractor in compliance with applicable environmental regulations and approved by the Field Engineer. All costs incurred in obtaining a disposal site and haul thereto shall be considered incidental to the project and no separate measurement of payment shall be made.

APPROVAL
W. J. McNamee
DATE 6/27/85

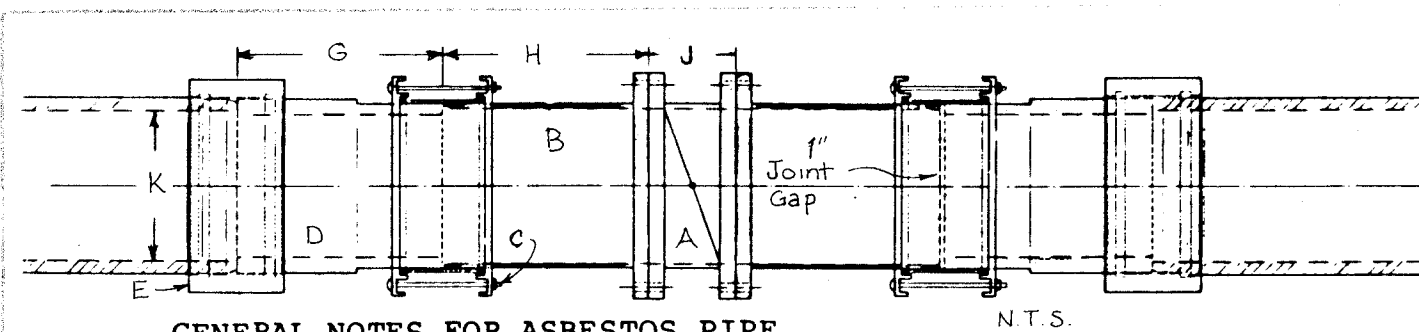


Revision 2 only

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216 235 501 85

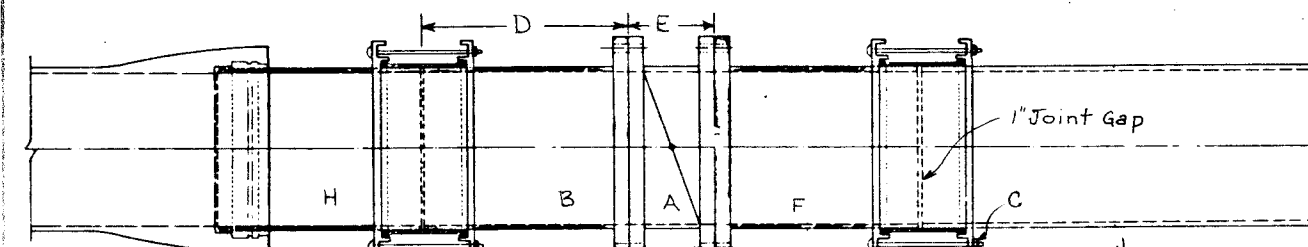
3 of 3	Water Resources Page 3/1/85						
2 of 3	Water Resources Page 4/3/85						
REV.	SHEETS	CITY	ENGR.	DATE	USER	DEPT.	DATE
APPROVAL OF REVISIONS							

ENGINEERS SEAL	ESPEY, HUSTON & ASSOC., INC. Engineering & Environmental Consultants 4801 INDIAN SCHOOL ROAD N.E. SUITE 204 ALBUQUERQUE, NEW MEXICO 87110 PHONE (505) 255-1625	APPROVED FOR CONSTRUCTION 3/20/85 C.E.
PROJECT NUMBER 2355	SHEET 1 OF 3	



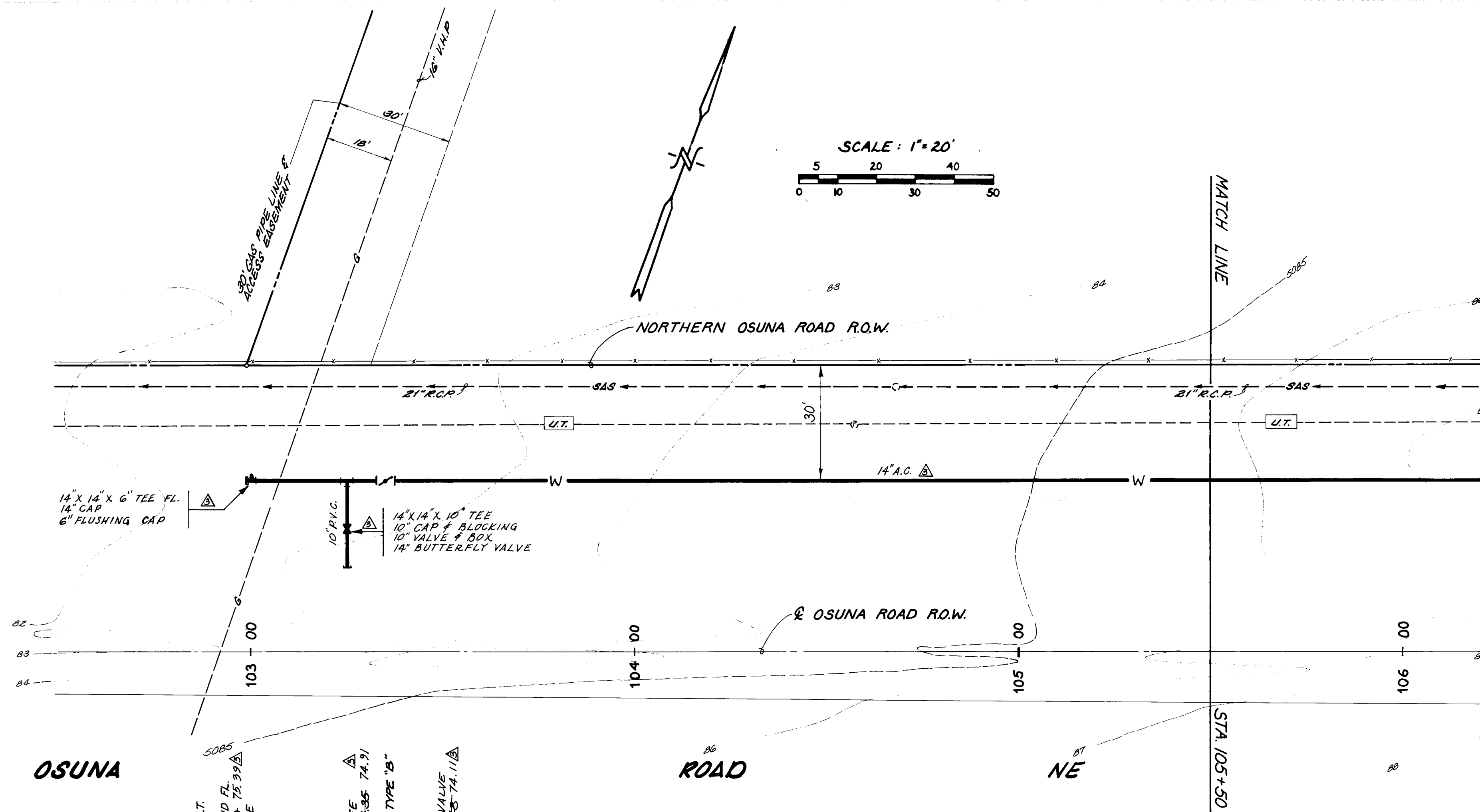
GENERAL NOTES FOR ASBESTOS PIPE

- FLANGE BUTTERFLY VALVE
- PIPE SPOOL, FLANGE TO PLAIN END D.I.P. CLASS 53
- STEEL COUPLING-LENGTH MINIMUM 9" MAXIMUM 12"
- PIPE ADAPTOR FOR CLASS 150
- ASBESTOS CEMENT COUPLING
- ASBESTOS CEMENT PIPE
- 19.5 INCHES
- 18 INCHES D.I.P.
- 8 INCHES LAYING LENGTH FOR 14" OR 16" BUTTERFLY VALVE
- 14" I.D. CLASS 150
- 16" I.D. CLASS 150
- 14" D.I.P. WALL THICKNESS MIN. 0.42"
- 16" D.I.P. WALL THICKNESS MIN. 0.43"
- WRAP ALL FERROUS MATERIAL EXCLUDING THE VALVE
AWWA SPEC'S C-209-6



GENERAL NOTES FOR DUCTILE IRON PIPE

- FLANGE BUTTERFLY VALVE
- PIPE SPOOL, FLANGE TO PLAIN END D.I.P. CLASS 53
- STEEL COUPLING-LENGTH MINIMUM 9", MAXIMUM 12"
- 18" DUCTILE IRON PIPE
- 8" LAYING LENGTH FOR 14" OR 16" BUTTERFLY VALVE
- 14" D.I.P. WALL THICKNESS MIN. 0.42"
- 16" D.I.P. WALL THICKNESS MIN. 0.43"
- WRAP ALL FERROUS MATERIAL EXCLUDING THE VALVE
AWWA SPEC'S C-209-6
- 18" MINIMUM PIPE SPOOL, PLAIN END TO PLAIN END
- FULL JOINT

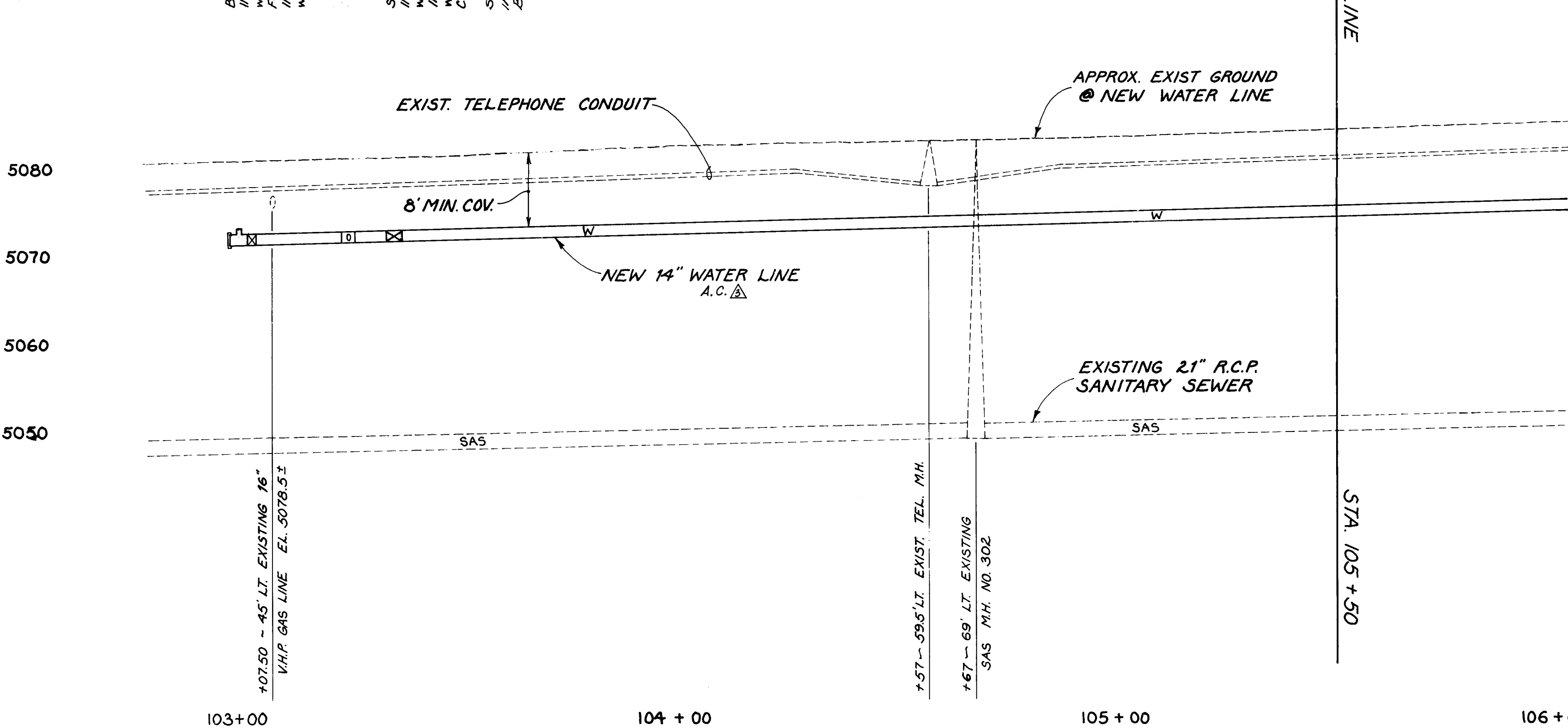
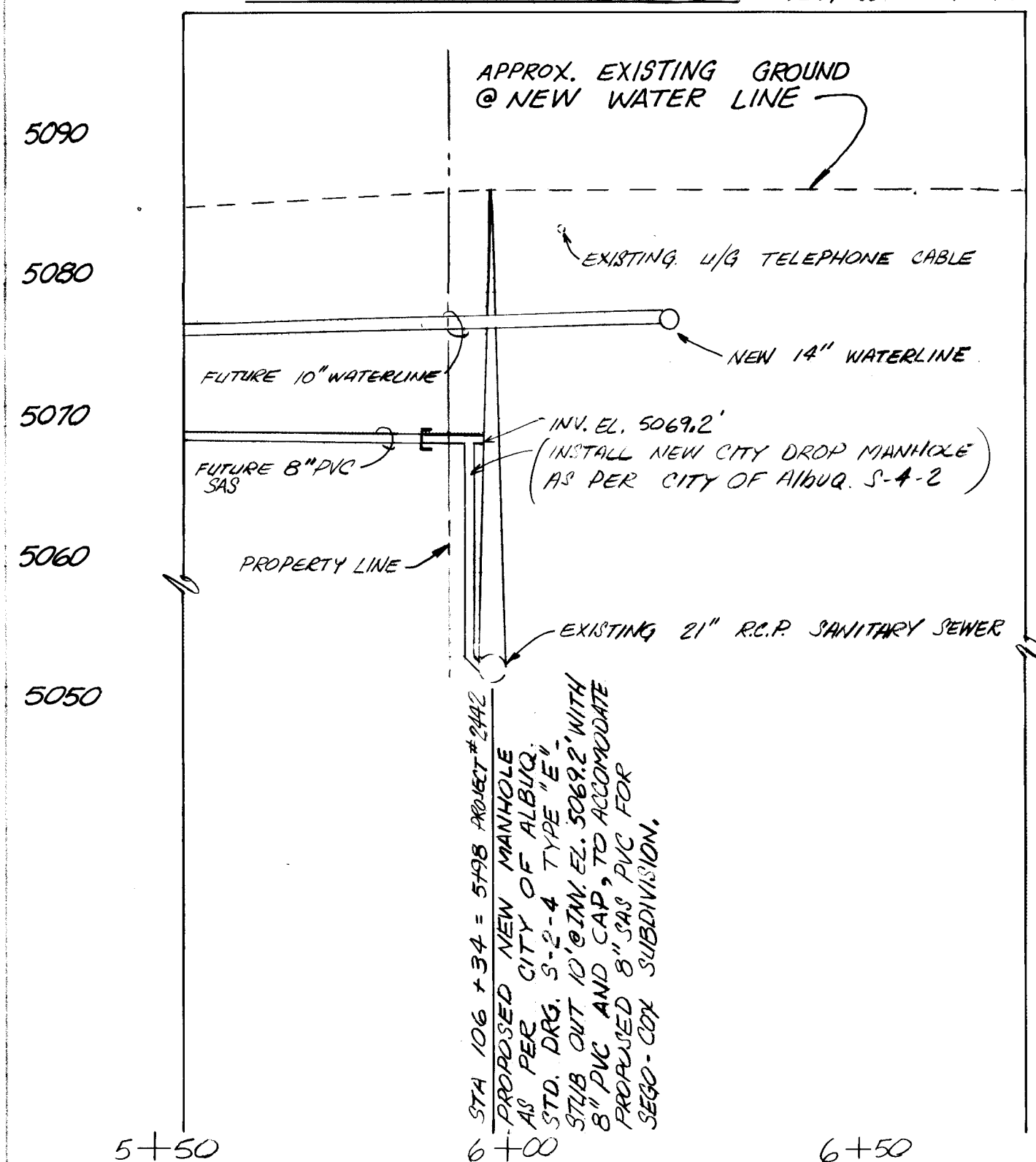


SCALES
HORIZ. 1" = 20'
VERT. 1" = 10'

NOTES:

- All elevations shown hereon are top of pipe unless stated otherwise.
- All stationing and offset dimensioning shown hereon is based on the centerline of Osuna Road R.O.W.
- All fittings for water lines shall have thrust blockings in accordance with City of Albuquerque Standard Drawing W-22.
- The following City of Albuquerque Standard Details for water are applicable:
W-2-3 W-17
W-3-2 W-18
W-4-1 W-20-1
W-7-1 W-22
W-11-1
- All gate valves shall be resilient seat gate valves.
- All existing utilities on this drawing have been shown as accurately as possible with available information. Contractor must verify all utilities and their locations.
- The Contractor shall coordinate the water shutoff with the C.O.A. Water Systems Division, telephone 823-4052.
- Maintain minimum 18" clearance between waterline and gas lines.
- Water line stationing based on existing sanitary sewer stationing.

REV. A PROPOSED MANHOLE



LEGEND

- EXISTING CONTOURS
- R.O.W. LINE
- EXISTING WATER LINE
- EXISTING SANIT. SEWER LINE
- EXISTING SANIT. SEWER M.H.
- EXISTING UNDERGROUND TEL. LINE
- EXISTING TEL. M.H.
- EXISTING GAS LINE
- PROPOSED WATER LINE

OSUNA ROAD N.E. - WATER LINE DESIGN PLAN & PROFILE

PROJECT NO. 2355

MAP NO. E-16

2 3

