

SCANNED BY
MESA REPRO

AUGUST, 2001

GENERAL NOTES

- 1) All work detailed in these plans, except as otherwise stated or provided herein, shall be constructed in accordance with the City of Albuquerque Standard Specifications for Public Works Construction, 1986 Edition through most recent update and will be referred to herein as "Standard Specifications".
- 2) All construction within City Right-of-Way or easements must be done from approved work order documents from the City.
- 3) All work on this project shall be performed in accordance with applicable federal, State and local laws, ordinances, rules and regulations concerning Construction Safety and Health.
- 4) Contractor agrees that he shall assume the sole and complete responsibility for the job site conditions during the course of construction of this project, including safety of all persons and property. This requirement shall apply continuously and not be limited to normal working hours. Contractor shall defend, indemnify, and hold harmless the Owner and Engineer from any and all liability, real or alleged, in connection with the performance of work on this project, except liability arising from the sole negligence of the Owner or Engineer.
- 5) All excavation, trenching and shoring activities must be accomplished in accordance with OSHA 29CFR 1926.650 Subpart P.
- 6) An Excavation/Construction Permit will be required before beginning any work with the City Right-of-Way.
- 7) Contractor shall secure a "Topsoil Disturbance Permit" prior to beginning construction.
- 9) Permit requests may be denied or delayed due to conflicts with other projects in the area.
- 9) Contractor shall notify the Engineer not less than seven (7) days prior to starting work in order that the Engineer may take necessary measures to insure the preservation of survey monuments. Contractor shall not disturb permanent survey monuments without the consent of the Engineer and shall notify the Engineer and bear the expense of replacing any that may be disturbed without permission. Only the City Surveyor shall replace survey monuments. When a change is made in the finished elevations of the pavement of any roadway in which a permanent survey monument is located, Contractor shall, at his own expense, adjust the monument cover to the new grade unless otherwise specified. Refer to Standard Specifications, Section 4.4.
- 10) Contractor shall coordinate with the Water Systems Division (857-8200) five (5) working days prior to any work that may affect existing City Public water or sewer utilities. Contractor shall be responsible for timing and coordination of water shutoff. Existing City valves to be operated by City Personnel only.
- 11) Five (5) working days prior to beginning construction, Contractor shall submit to Construction Coordination Division a detailed construction schedule.
- 12) Contractor shall determine in advance of his construction if overhead utility lines, support structures, poles, guys, etc., are an obstruction to construction operations. If any obstruction to construction operations is evident, The Contractor shall be responsible for coordinating with the appropriate utility owner to remove or support the utility obstruction. Any cost associated with this effort shall be the responsibility of the Contractor.

- 1) Contractor shall protect the Engineer/Inspector in the recording of data on all utility lines and accessories as required by the City of Albuquerque for the preparation of "As Constructed" drawings. Contractor shall not cover utility lines and accessories until all data has been recorded.
- 2) Two (2) working days prior to construction, Contractor shall obtain a Barricading Permit from the Construction Coordination Division. Contractor shall notify Barricade Engineer (758-2551) prior to occupying an intersection. Refer to Section 19 of Standard Specifications.
- 3) Prior to construction, Contractor shall excavate and verify the horizontal and vertical locations of all pertinent existing utilities and/or obstructions. Should a conflict exist, the Contractor shall notify the Engineer so the conflict can be resolved with a minimum amount of delay.
- 4) Existing utility line locations are shown in an approximate manner only and such lines may exist where none are shown. The location of any such existing lines is based upon information provided by the utility company, the Owner or by others, and the information may be incomplete or may be obsolete by the time construction commences.
- 5) The Engineer has undertaken no field verification of the location, depth, size or type of existing underground utility lines, makes no representation pertaining thereto, and assumes no responsibility or liability thereof. Contractor shall inform itself of the location of any utility lines in or near the area or the work in advance of and during excavation work. Contractor is fully responsible for any and all damage caused by its failure to locate, identify and preserve any and all existing utilities.
- 6) Contractor shall support all existing, underground utility lines which become exposed during construction. Payment for supporting work shall be incidental to waterline and/or sewer line costs.
- 7) Contractor is to support and maintain the integrity of all underground telephone, electric cables and cable television utilities at no additional cost to the Owner. Cable is to be supported at a maximum of every fifteen (15) feet. Contractor shall coordinate with and make necessary payment (if any), to utility owner for de-energization of cable or support or cables by the utility owner.
- 8) PNM will provide, at no cost to the City or the Contractor, the required personnel for inspection or observation deemed necessary by PNM when the Contractor is exposing PNM's cables. However, the Contractor shall be charged the total cost associated with repairs to any damaged cables or for any cost associated with supporting or relocating the poles and cable during construction.
- 9) Proposed waterline materials shall be either PVC pipe meeting AWWA C900 requirements (6"-12") or Ductile Iron Pipe, thickness Class 50 (6"-16"). AWWA C-150 Concrete Cylinder (16") AWWA C303.
- 10) All fittings on waterline shall be restrained joints as noted on the plans.
- 11) All utilities and utility service shall be installed prior to paving.
- 12) All final backfill for trenches shall be compacted to a minimum of 90% maximum density per ASTM D-1557, and as directed by Standard Specifications Section 701.13.2 and Standard Drawing No. 2315.
- 13) Contractor shall promptly clean up and material excavated within the public right-of-way or private roadway easements so that the excavated material is not susceptible to being washed down the street or into public drainage facilities.
- 14) Contractor shall conduct his operations in a manner which will minimize interference with local traffic.

SURVEYOR'S CERTIFICATION

"I, Anthony L. Harris, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby Certify that the as-built information shown on these drawings was Obtained from field construction and as-built surveys performed By me or under my supervision, that the as-built information Shown on these drawings was added by me or under my supervision, Harris Surveying Inc. is not responsible for any of the design concepts Calculations, engineering, or intent of the record drawings.

Anthony L. Harris #11463

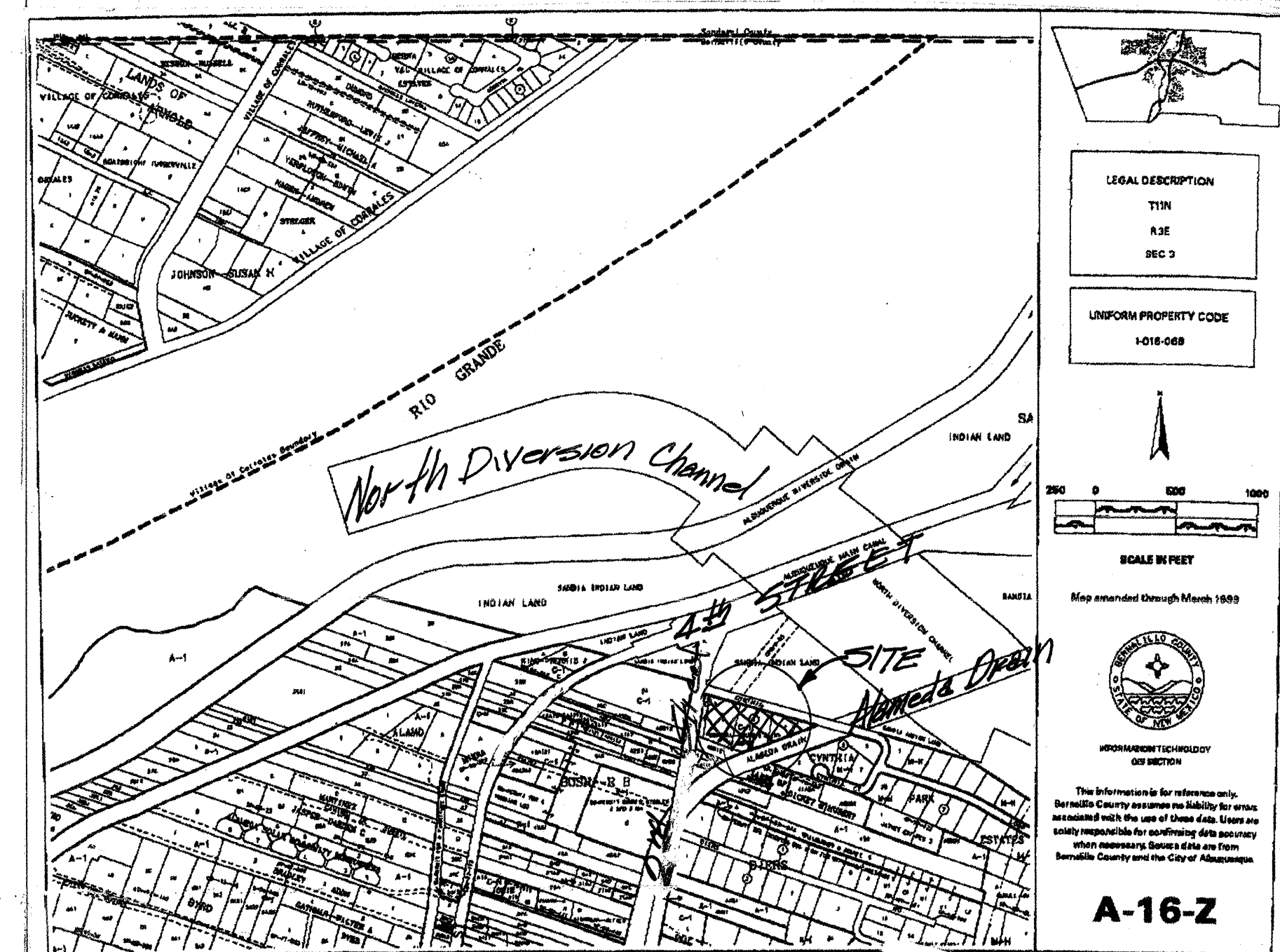
- 27) All existing signs, markers, delineators, etc., within the construction limits shall be removed, stored and reset by the Contractor.
- 28) When abutting existing pavement to new, saw cut existing pavement to a straight edge and at a right angle, or as approved by the Field Engineer. Removal of broken or cracked pavement will also be required.
- 29) At his own expense, Contractor shall assume responsibility for any damage to existing pavement, pavement markings, curb and gutter, handicap ramps, and sidewalk during construction apart from those sections indicated for removal on the plans and shall repair or replace, per Standard Specifications.
- 30) All street striping, altered or destroyed, shall be replaced with plastic reflectorized pavement markings by Contractor to the same location as the existing, or as indicated by this plan set.
- 31) Contractor shall maintain a graffiti-free work site. Contractor shall promptly remove any and all graffiti from equipment, whether permanent or temporary.
- 32) The Contractor shall have all existing utilities located by calling New Mexico One Call System, Inc., 260-1990, 48 hours in advance of any excavation. No excavation shall be done until all utilities have been located.

General Notes - Bernalillo County

- 1) This project is subject to the requirements of County Ordinance No. 95-12 and Ordinance No. 91-12. The contractor shall be responsible for acquiring all permits necessary. The contractor shall call 848-1500 for more information.
- 2) The contractor shall submit a traffic control plan to the County Traffic Control Manager at least 72 hours prior to the commencement of work. Traffic control plans shall be prepared in accordance with noted requirements and by certified personnel and must be approved prior to commencement of work on the project. Call 848-1504 for further information.
- 3) A daily traffic control log shall be maintained by the contractor reflecting the types and locations of all traffic control devices, signs, barricades, etc., being used on the project in compliance with the approved traffic control plan. This log shall be submitted to the Bernalillo County Traffic Control Manager upon completion of the project construction or when so requested by the project or the Bernalillo County Traffic Control Manager.
- 4) Contractor shall provide a weekly construction activity schedule to Bernalillo County Public Works Division, Attention: Hoss Foster.
- 5) The contractor shall file weekly written reports to the Traffic Control Manager describing the traffic control plan that will be in effect for the following week.
- 6) Subject to the approved Traffic Control Plan, at least one lane shall be open to traffic at all times. The contractor shall provide proper signage and flagman and shall maintain the traffic lane in such a manner as to assure proper safety to the traveling public on all affected roads. The contractor shall provide access to all private and public property at all times, except when grading, excavation and backfill operations are being conducted immediately in front of the property, in which case access will not be denied for more than 4 hours without approval of the County.
- 7) Traffic lanes provided during construction shall be maintained in such a condition under all weather conditions so as to permit the reasonable passage of passenger vehicles, but shall be kept graded and smooth and watered several times daily to control dust.
- 8) County inspection is required. Applicant will obtain permits at Bernalillo County Public Works Division, 848-1520.
- 9) A Bernalillo County inspector must verify asphalt section prior to repair and replacement.

BERRY LILLY COUNTY APPROVAL * **11/2/10**
PWCC #10037 **DATE**

* FOR UTILITY/WORK ONLY



LOCATION MAP

INDEX TO DRAWINGS

1. TITLE SHEET
2. EXISTING UTILITIES SITE PLAN
3. WATER & SEWER SITE PLAN
4. TYPICAL DETAILS
5. SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
6. TYPICAL TRAFFIC CONTROL AND SIGNING EXAMPLES

APPROVAL OF RECORD DRAWING
CHIEF CONSTRUCTION ENGINEER
Ester Chang
DATE 7/2/02

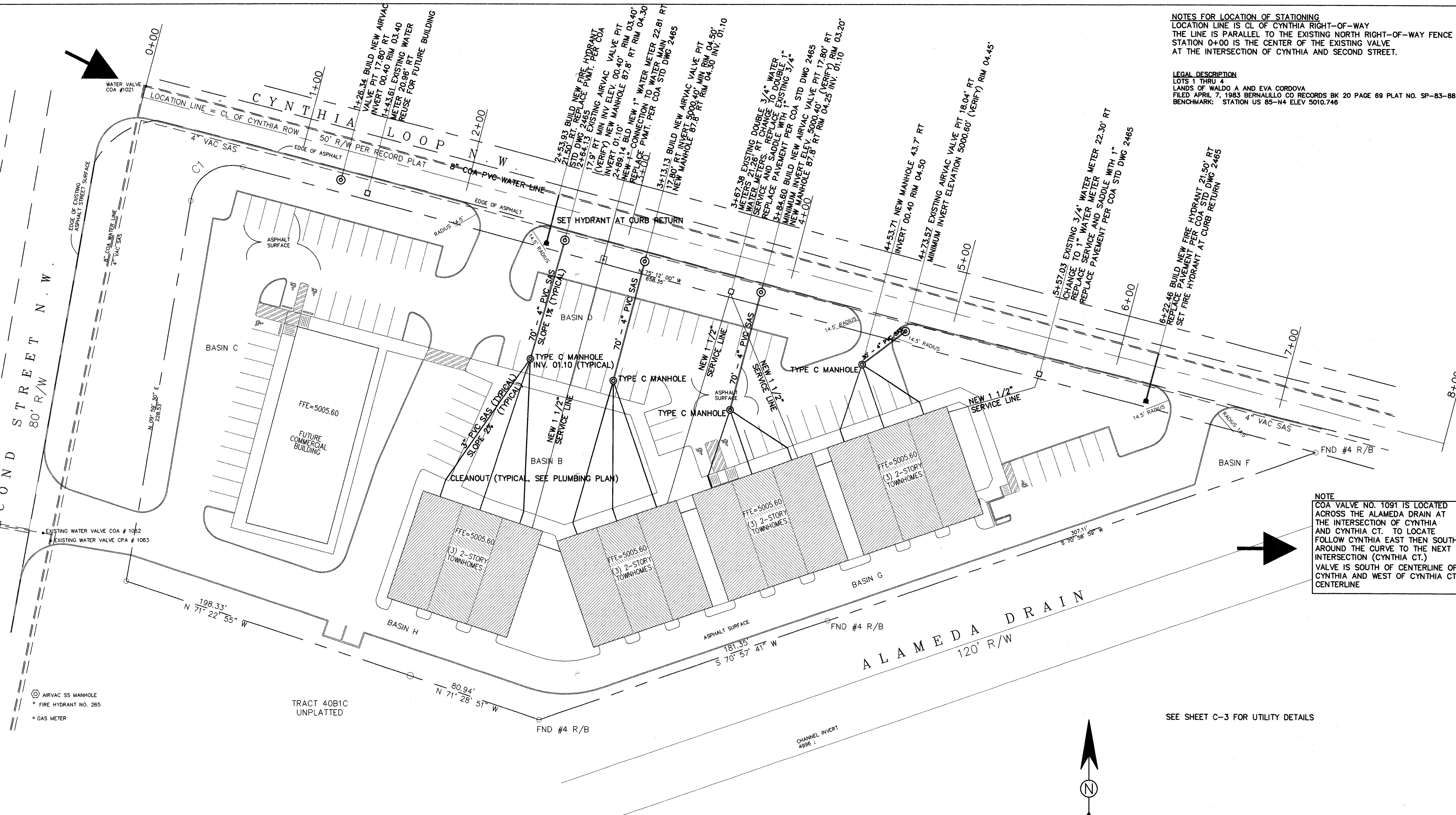
BURTON ENGINEERS, INC.
2900 VISTA GRANDE NW
ALBUQUERQUE, NM 87120
(505) 839-9365

[illegible]

SCANNED BY
MESA REPRO

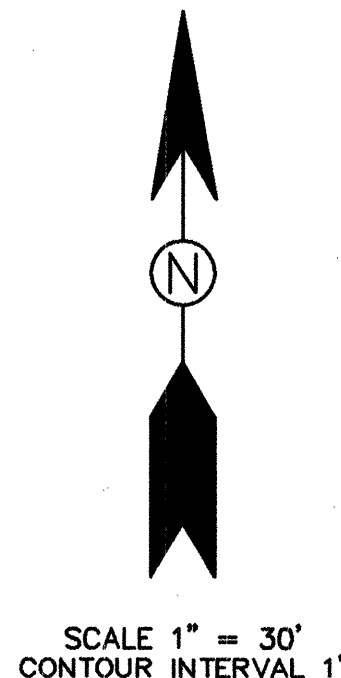
ALAMEDA DRAIN
120' R/W

COND STREET N.W.
80' R/W



WATER SHUT-OFF PLAN
VALVES 1021 AND 1091 ARE TO BE CLOSED
TO INSTALL THE 8x6 TEES FOR THE FIRE HYDRANTS.
SEE GENERAL NOTE NO. 10 FOR INSTRUCTIONS ON
COORDINATING THE WATER SHUT OFF WITH COA.

SEE SHEET C-3 FOR UTILITY DETAILS



NOTE
COA VALVE NO. 1091 IS LOCATED
ACROSS THE ALAMEDA DRAIN AT
THE INTERSECTION OF CYNTHIA
AND CYNTHIA CT. TO LOCATE
FOLLOW CYNTHIA EAST THEN SOUTH
AROUND THE CURVE TO THE NEXT
INTERSECTION (CYNTHIA CT.)
VALVE IS SOUTH OF CENTERLINE OF
CYNTHIA AND WEST OF CYNTHIA CT.
CENTERLINE

NOTES FOR LOCATION OF STATIONING
LOCATION LINE IS CL OF CYNTHIA RIGHT-OF-WAY
THE LINE IS PARALLEL TO THE EXISTING NORTH RIGHT-OF-WAY FENCE
STATION 0+00 IS THE CENTER OF THE EXISTING VALVE
AT THE INTERSECTION OF CYNTHIA AND SECOND STREET.

LEGAL DESCRIPTION
LOTS 1 THRU 4
LANDS OF WALDO A AND EVA CORDOVA
FILED APRIL 7, 1983 BERNALILLO CO RECORDS BK 20 PAGE 69 PLAT NO. SP-83-88
BENCHMARK: STATION US 85-N4 ELEV 5010.746

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		BY	DATE	US-85 - N4 ELEVATION OF 5010.746' NVD 1929	STATION IS LOCATED 9 MILES NORTH OF DOWNTOWN ALBUQUERQUE, AT THE JUNCTION OF FOURTH STREET (US85) AND SECOND STREET, N.W. TO REACH THE STATION FROM THE INTERSECTION OF CYNTHIA AND CYNTHIA CT. FOLLOW CYNTHIA EAST THEN SOUTH AROUND THE CURVE TO THE NEXT INTERSECTION (CYNTHIA CT.) VALVE IS SOUTH OF CENTERLINE OF CYNTHIA AND WEST OF CYNTHIA CT. CENTERLINE	CONTRACTOR	DATE
		ANTHONY L. HARRIS	MARCH, 2001			Roberts Dambin's	6-02
REVISIONS		NO. DATE	REMARKS	MICRO FILM INFORMATION			
DATE - MARCH, 2000				CONTRACTOR			
DESIGNED BY - RLB				INSPECTOR'S			
DRAWN BY - RLB				STAMPED BY			
CHECKED BY - RLB				FIELD			
				VERIFICATION BY			
				DATE			
				NO.			

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE
WATER AND SEWER UTILITY SITE PLAN

City Project No.
672381

Zone Map No.
A-16

Sheet 3 OF 6

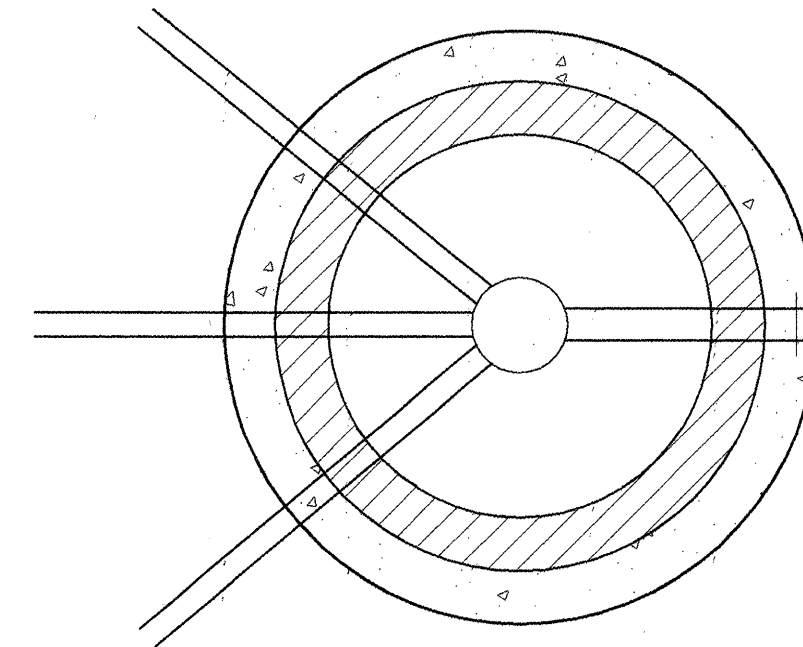
Design Review Committee

City Engineer Approval

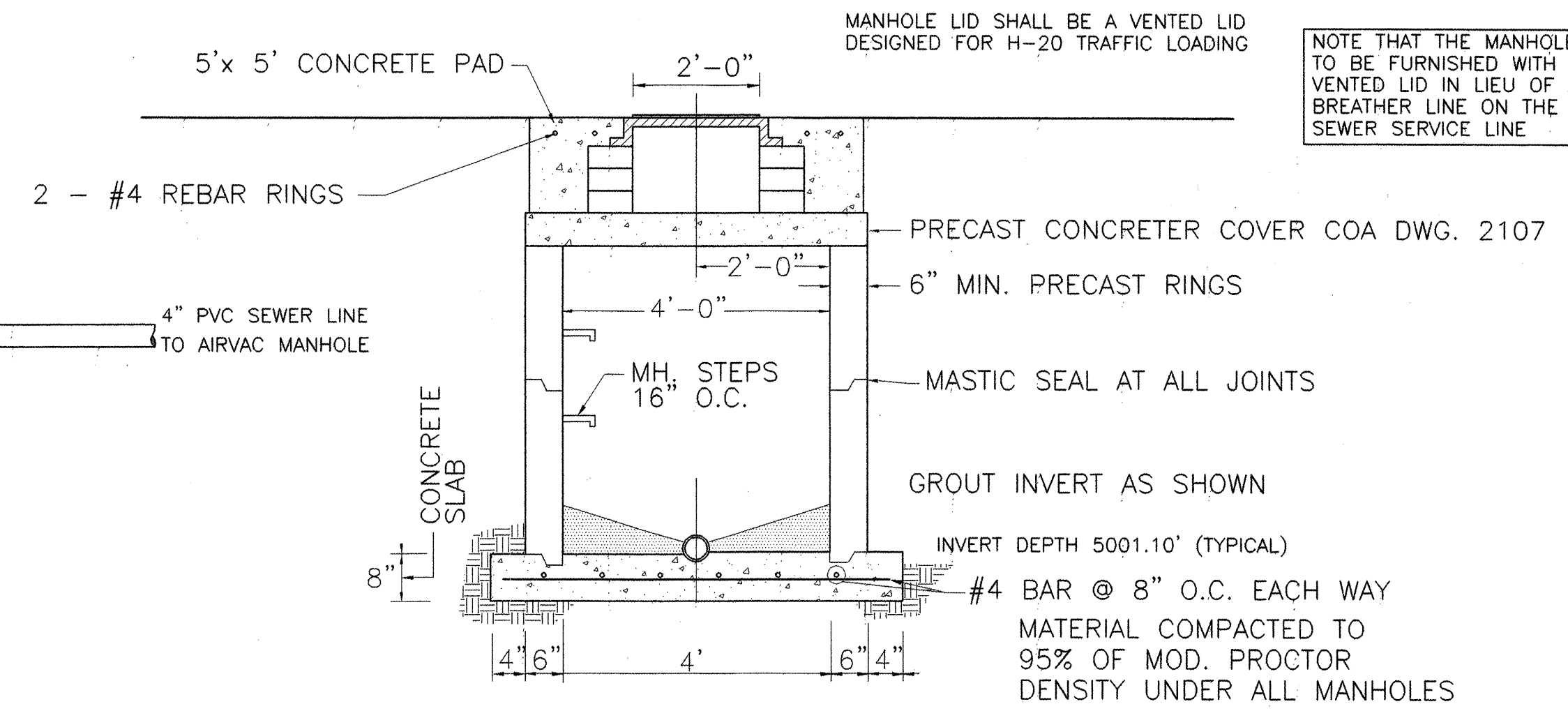
Least Design Update

MO./DAY/YR.

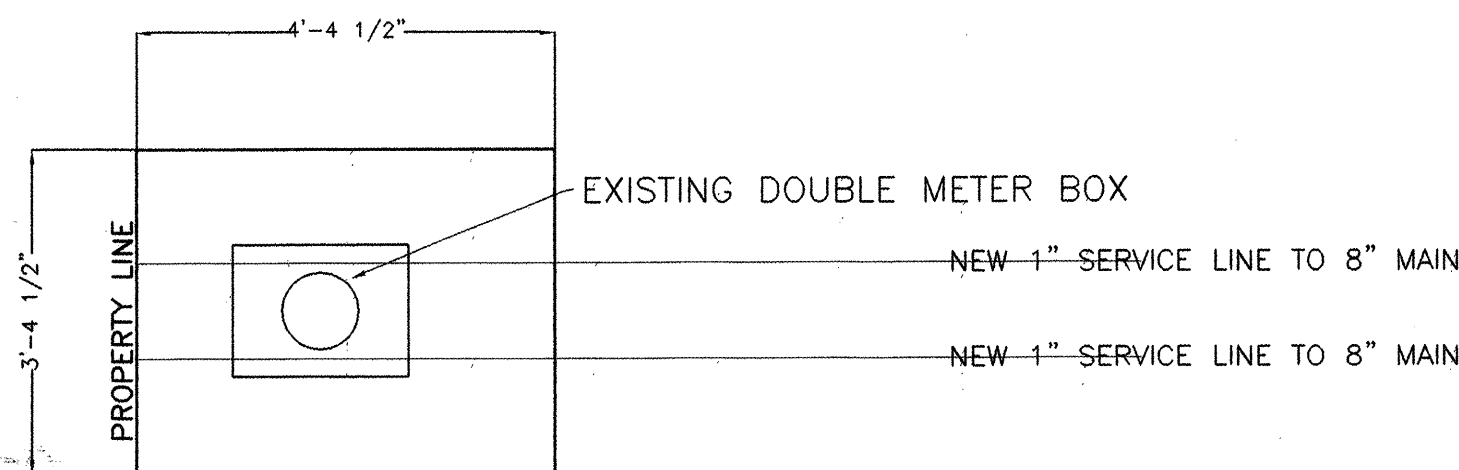
MO./DAY/YR.



TYPE 'C' MANHOLE DETAIL
REFER TO COA STD. DWG. 2101

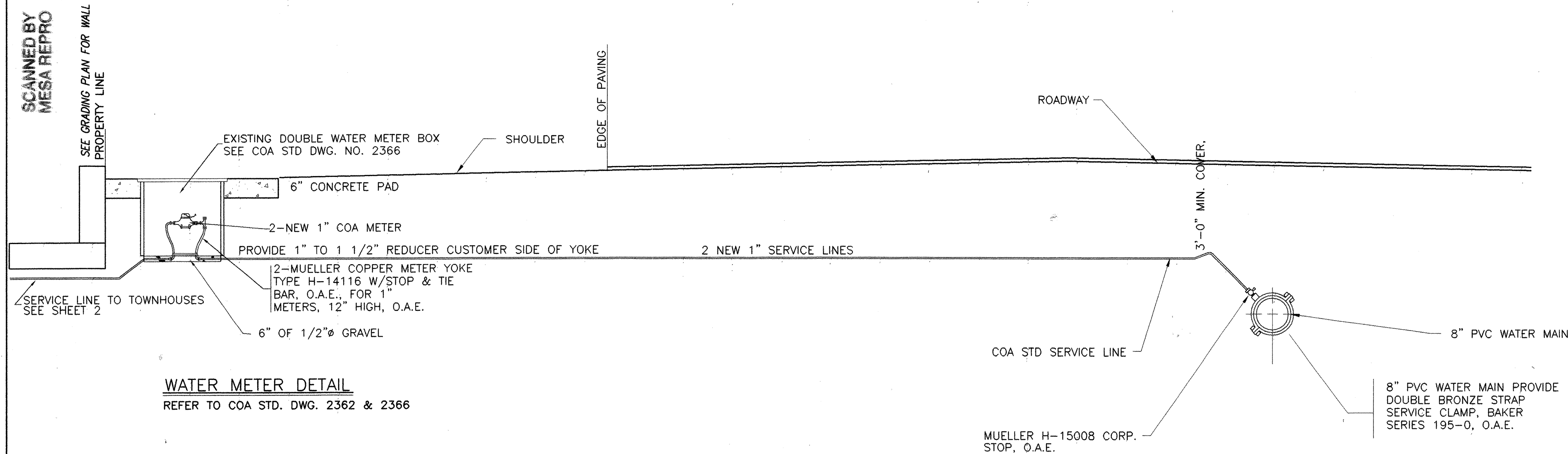


TYPE 'C' MANHOLE DETAIL
REFER TO COA STD. DWG. 2101

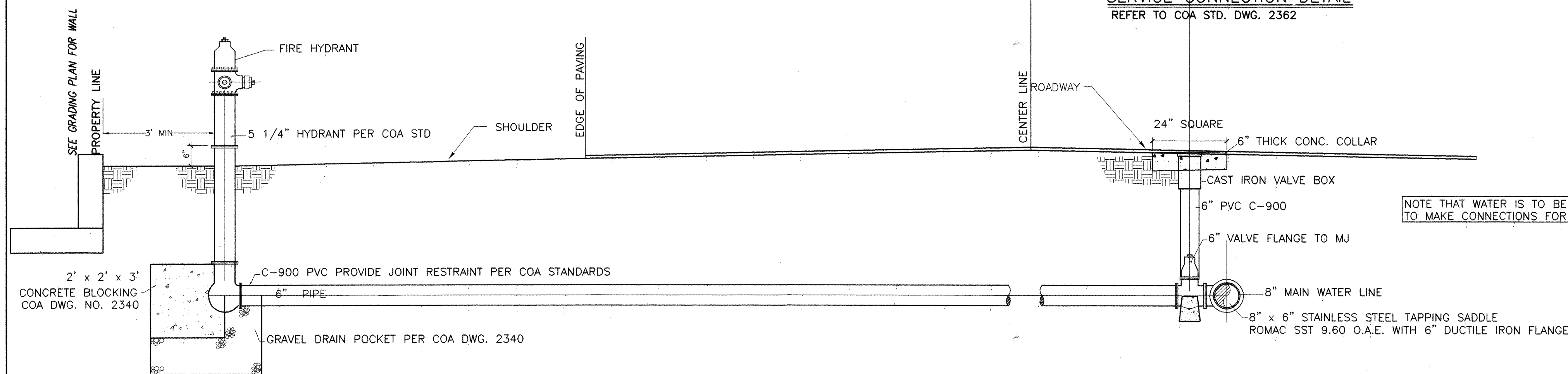


WATER METER NOTES

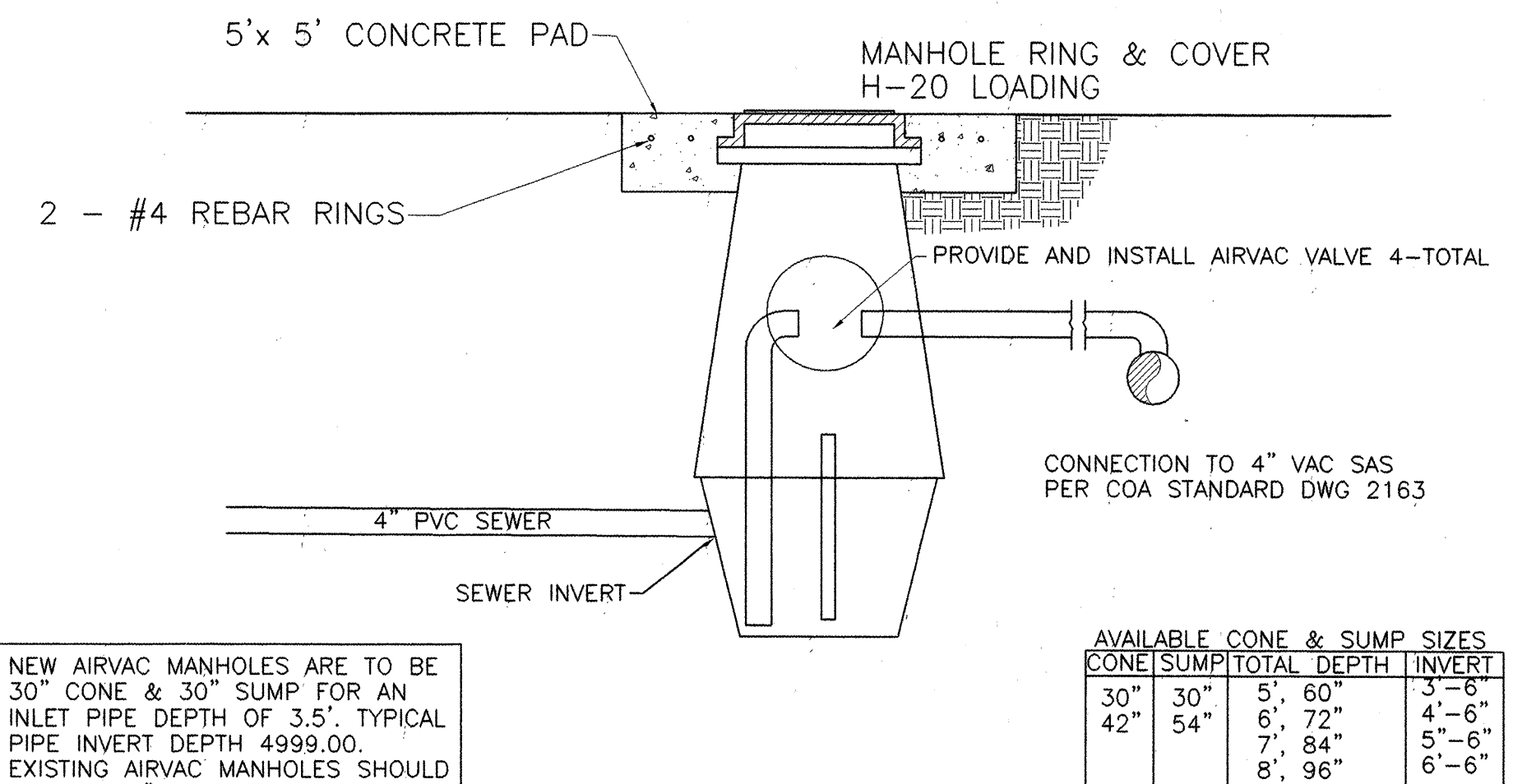
THERE IS AN EXISTING DOUBLE 3/4" WATER METER BOX THAT IS TO BE REPLACED WITH A DOUBLE 1" METER BOX. THE EXISTING 3/4" SERVICE LINES ARE TO BE REPLACED WITH 1" SERVICE LINE. THE CONTRACTOR MAY SALVAGE AND USE THE EXISTING MATERIAL AS LONG AS THE FINAL INSTALLATION MATCHES THE CITY STANDARD DRAWINGS.



SERVICE CONNECTION DETAIL
REFER TO COA STD. DWG. 2362



TAPPING SADDLE DETAIL



AVAILABLE CONE & SUMP SIZES			
CONE	SUMP	TOTAL DEPTH	INVERT
30"	30"	5', 60"	3'-6"
42"	54"	6', 72"	4'-6"
		7', 84"	5'-6"
		8', 96"	6'-6"


NEW AIRVAC MANHOLES ARE TO BE 30" CONE & 30" SUMP FOR AN INLET PIPE DEPTH OF 3.5'. TYPICAL PIPE INVERT DEPTH 4999.00. EXISTING AIRVAC MANHOLES SHOULD BE THE 60" TOTAL DEPTH. THE CONTRACTOR SHOULD VERIFY THE INVERT OF THE EXISTING MANHOLES AND NOTIFY THE ENGINEER IF THEY ARE OTHER THAN THE 60" DESIGN.

BURTON ENGINEERS, INC.
2900 VISTA GRANDE NW
ALBUQUERQUE, NM 87120
(505) 839-9365

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE SITE PLAN

Design Review Committee



City Engineer Approval
APPROVED
JUL 10 1988
CITY ENGINEER

Lost Design Update	MO./DAY/YR.	MO./DAY/YR.

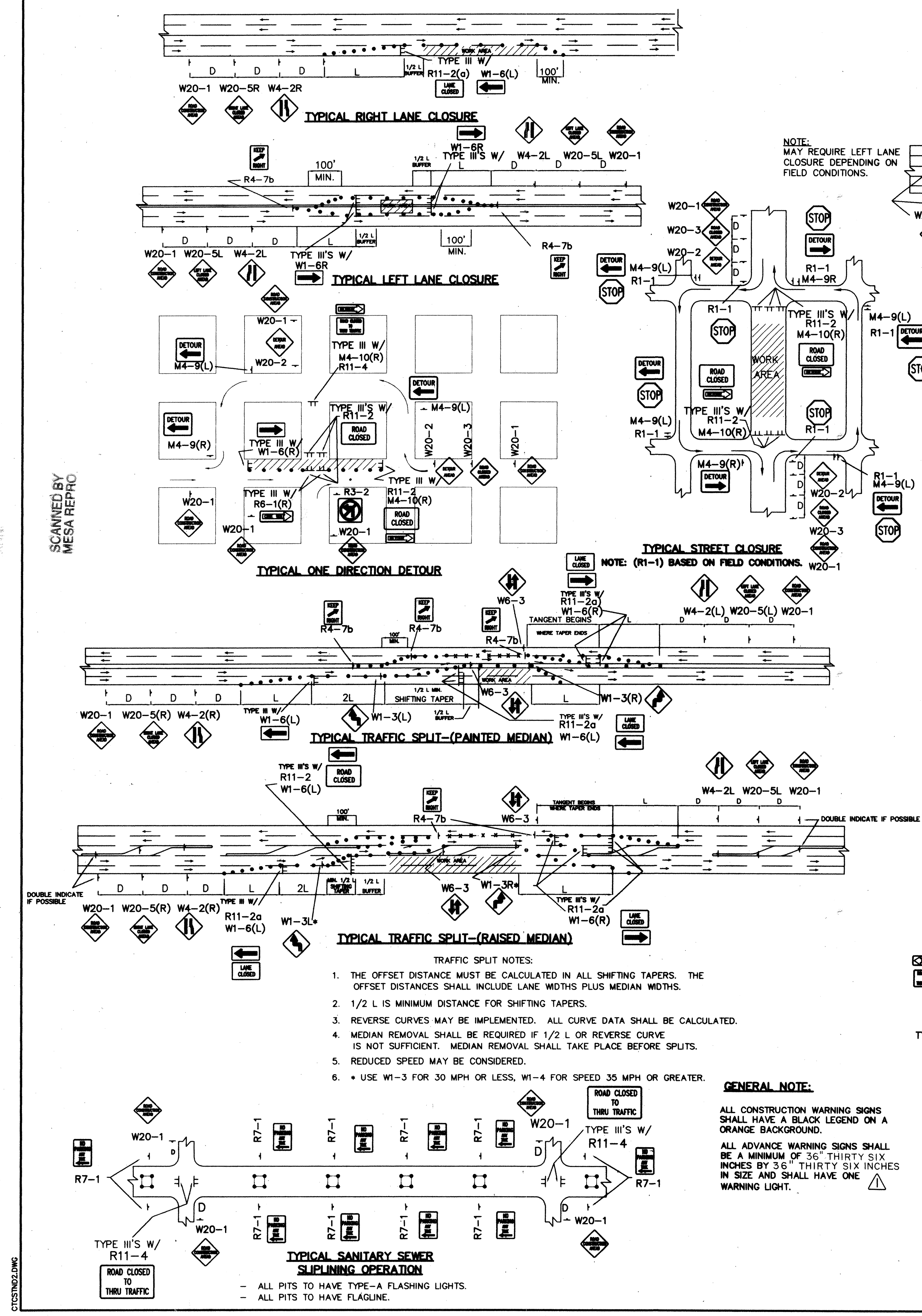
City Project No. 672381

Zone Map No.
A-16

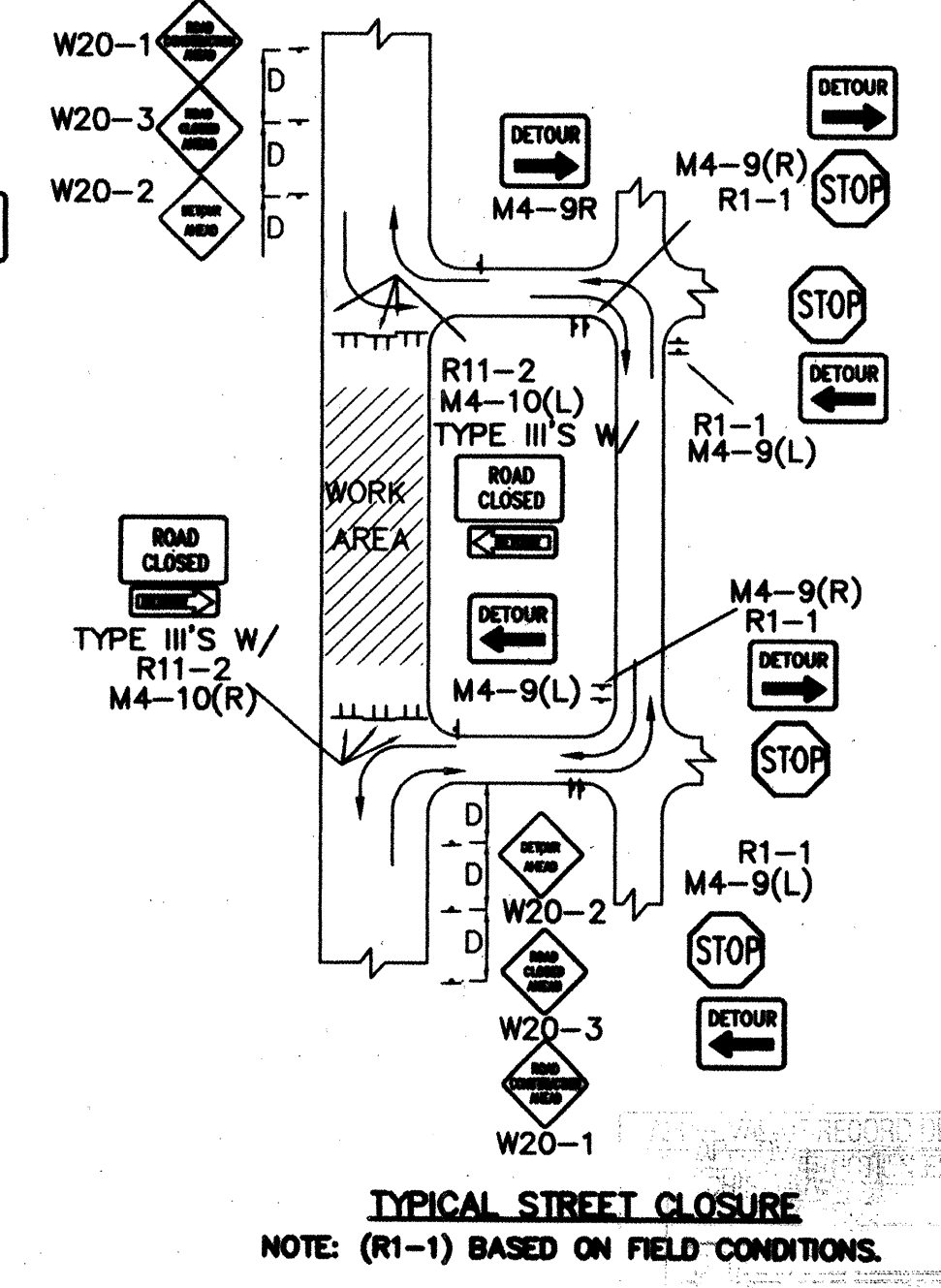
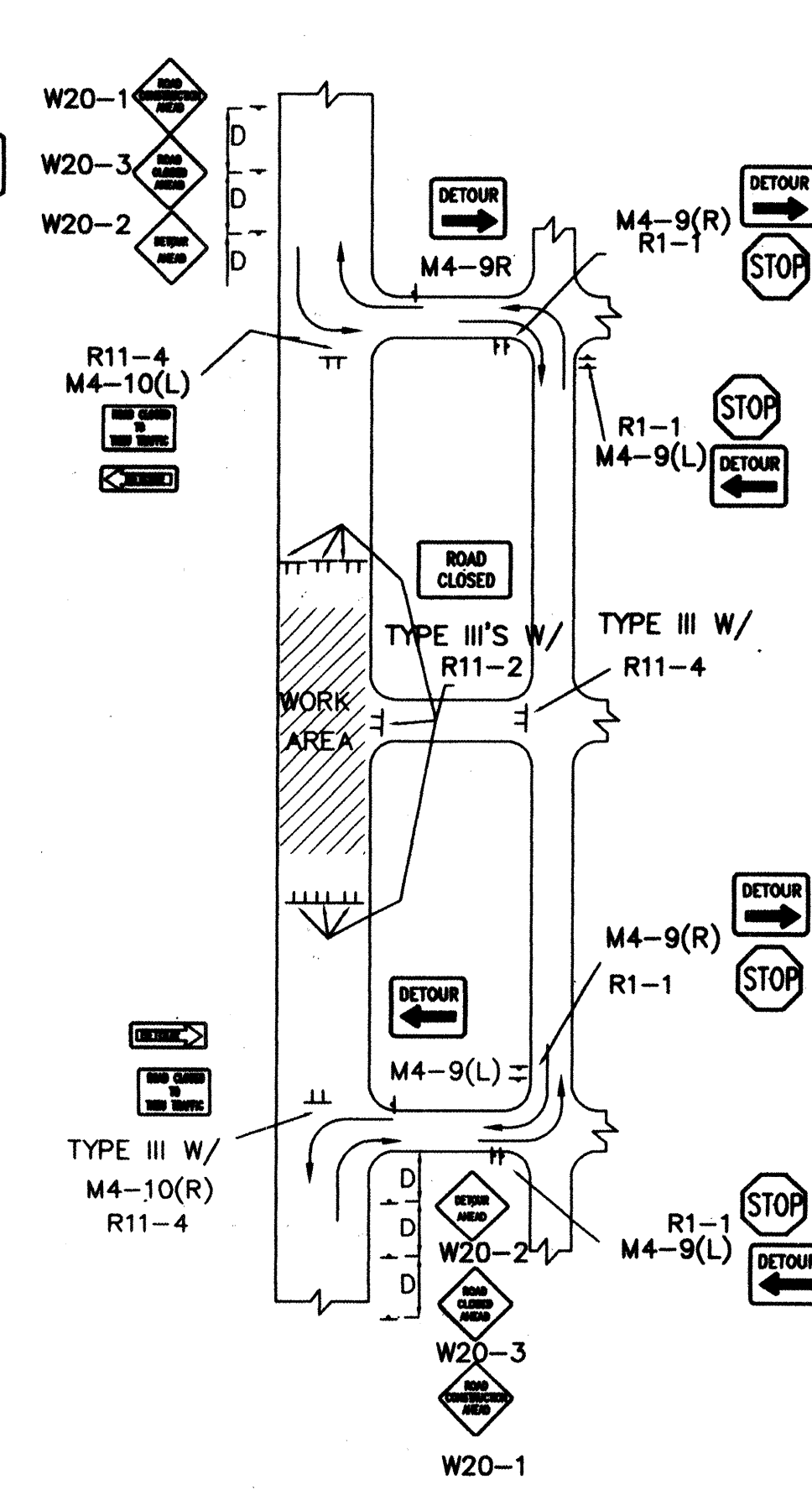
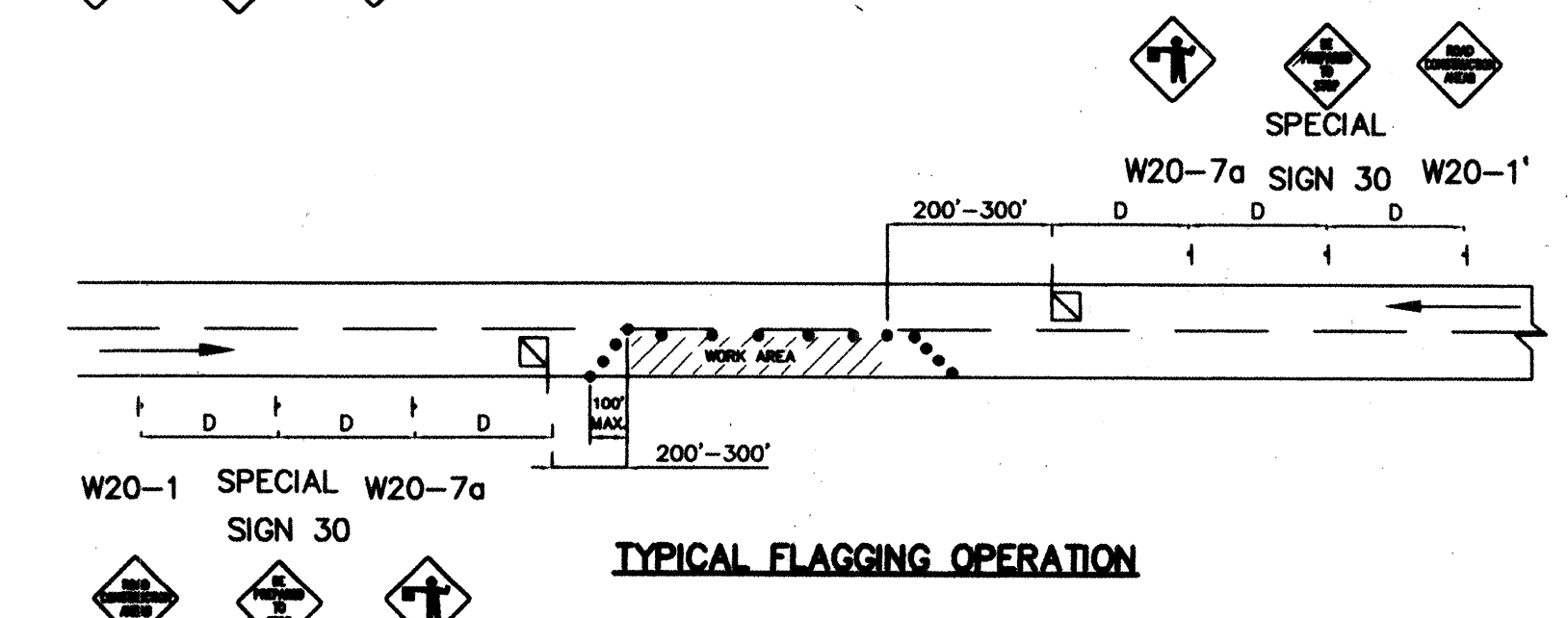
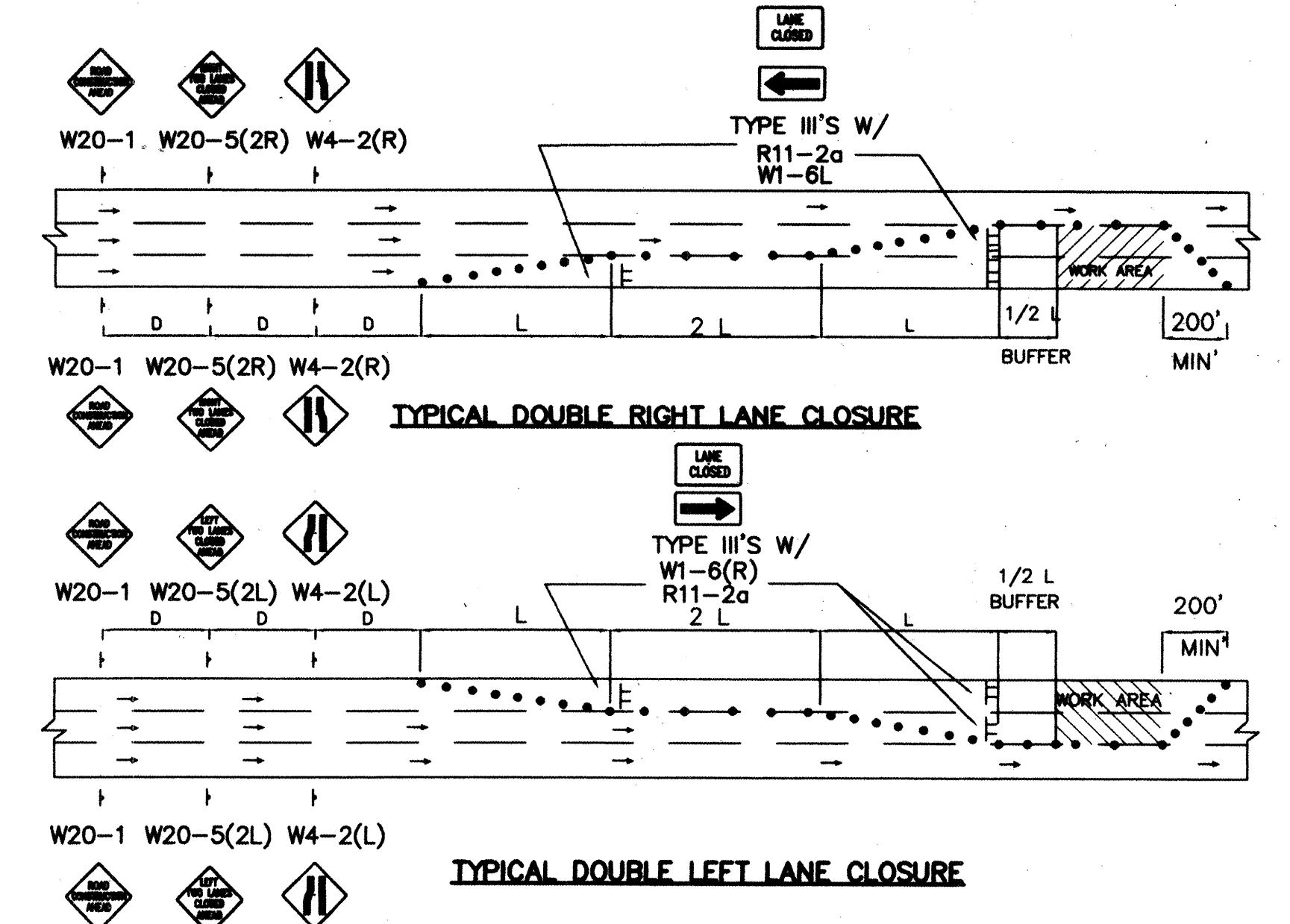
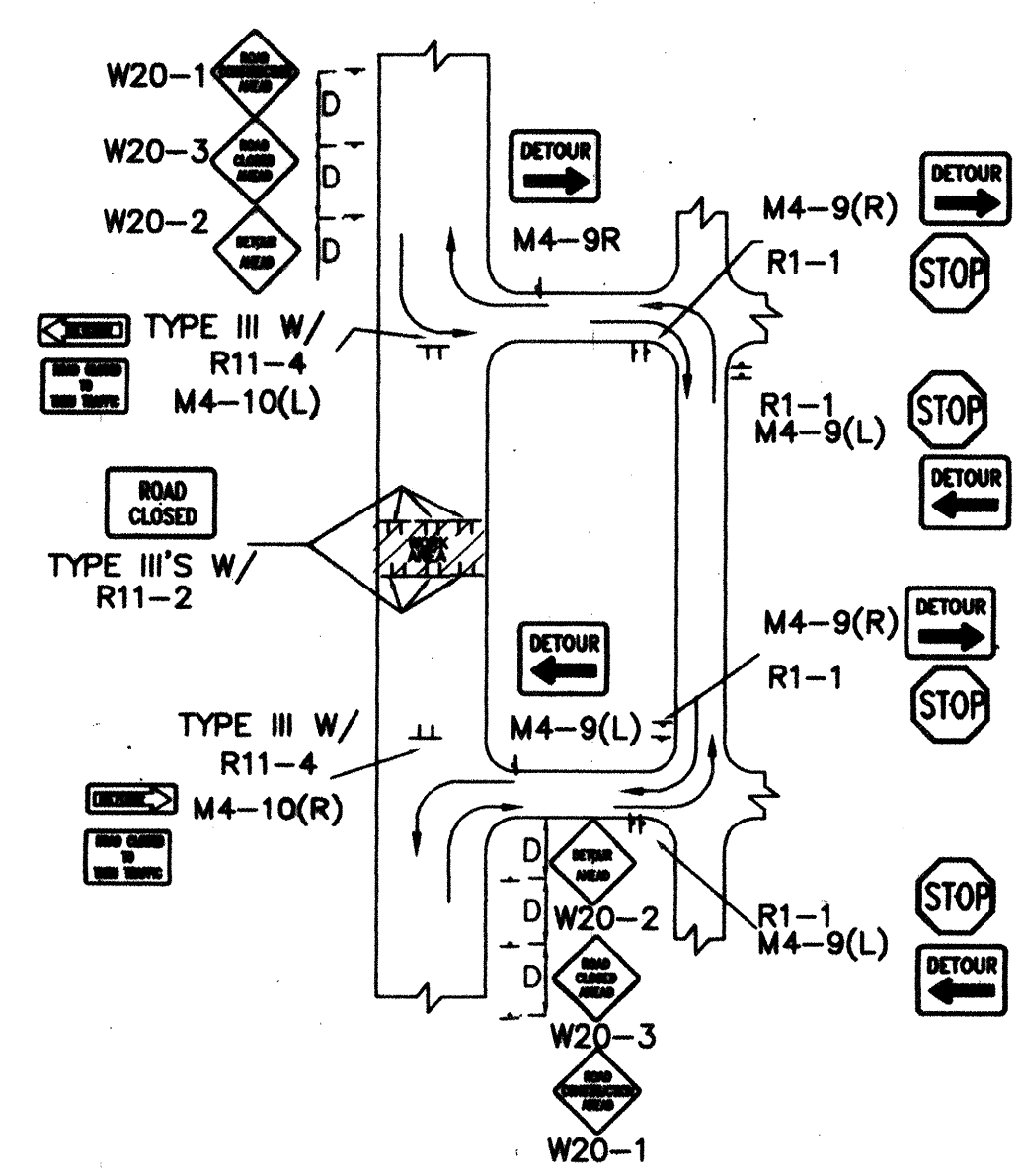
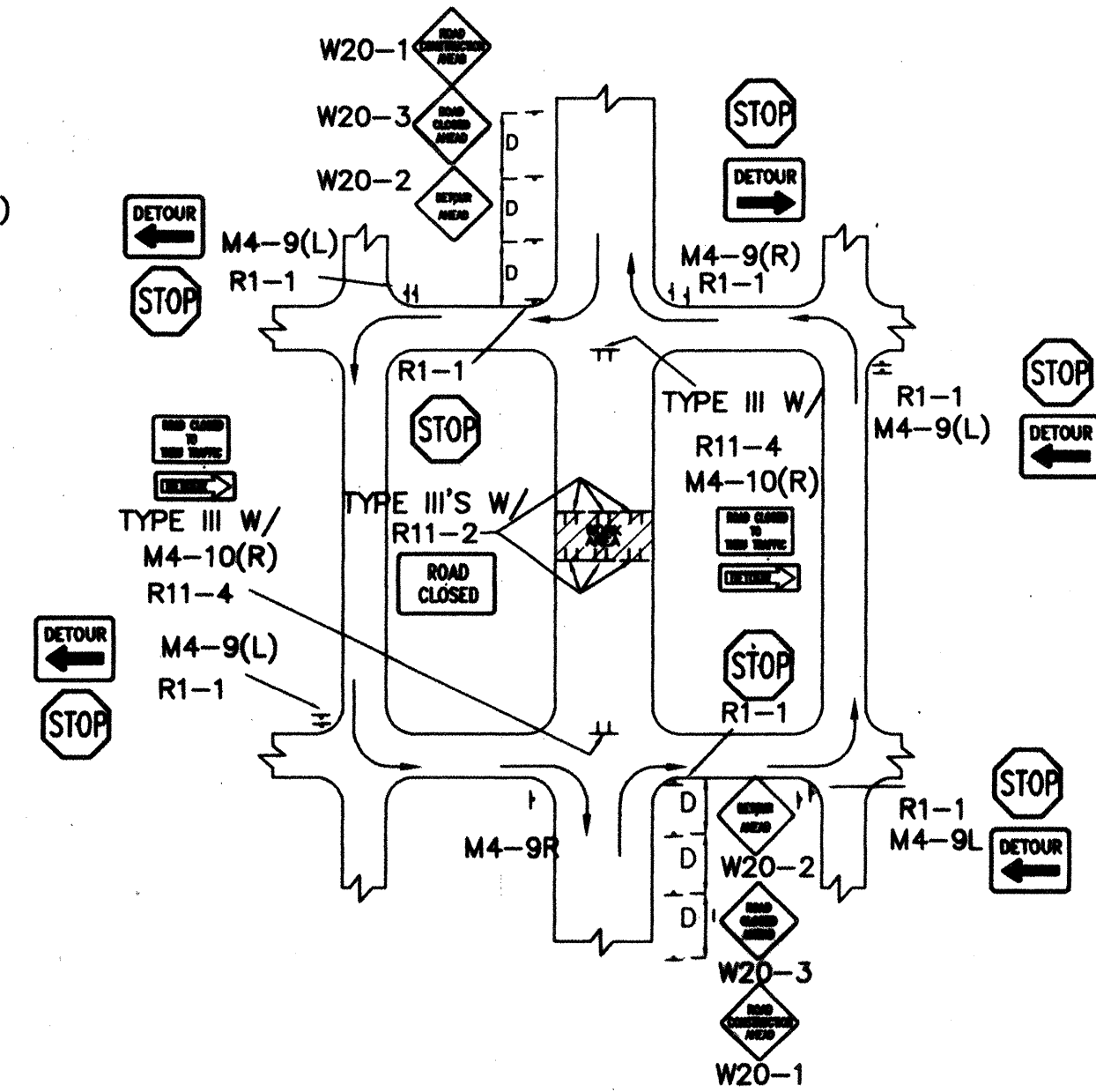
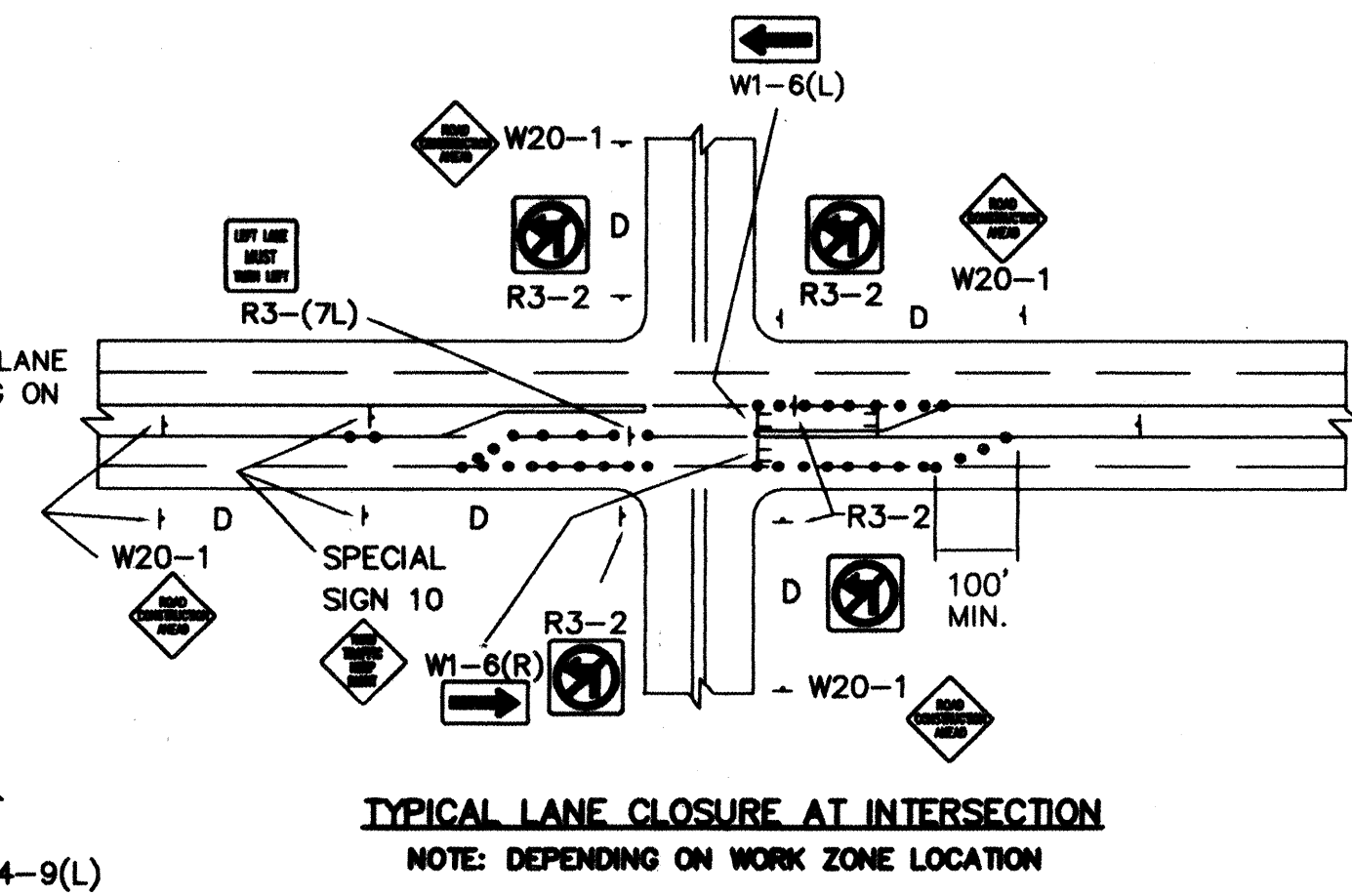
Sheet 4 OF 6

[illegible]

SCANNED BY
MESA REPRO



NOTE: MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. MUT.C.D.)			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO. / DAY / YR.	NO. / DAY / YR.
LAST UPDATE		DATE	
PROJECT NO. 612381		MAP NO. A16	SHEET 6 OF 6

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK	DATE	NO.	DATE	NO.	DATE	NO.	DATE
STANDARD	DATE	NO.	DATE	NO.	DATE	NO.	DATE
APPROVED BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE
DESIGNED BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE
CHECKED BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE
RECORDED BY	DATE	NO.	DATE	NO.	DATE	NO.	DATE
REVISIONS				REVISIONS			
NO.		DATE		NO.		DATE	
REMARKS		REMARKS		REMARKS		REMARKS	
DESIGNED BY		DESIGNED BY		DESIGNED BY		DESIGNED BY	
C.O.A. STANDARDS		C.O.A. STANDARDS		C.O.A. STANDARDS		C.O.A. STANDARDS	
DATE		DATE		DATE		DATE	
CHECKED BY		CHECKED BY		CHECKED BY		CHECKED BY	
DATE		DATE		DATE		DATE	