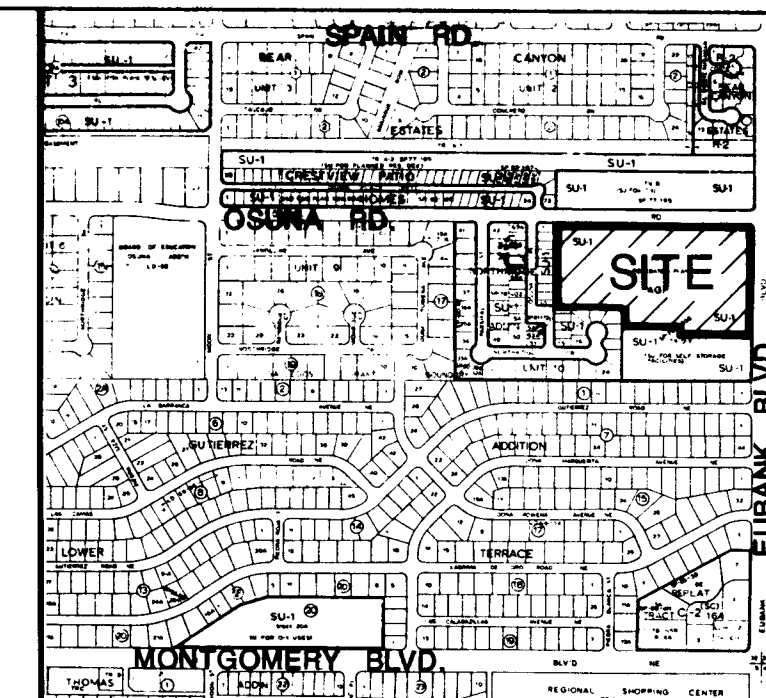


SCANNED BY
BY LASON

VALVE NO. 941 TOP OF VALVE 42.17-63

NOTICE TO CONTRACTORS

1. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with the City of Albuquerque Standard Specifications for Public Works Construction 1986.
2. Two (2) working days prior to any excavation, contractor must contact Line Locating Service, 260-1990, for location of existing utilities.
3. Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of all obstructions. Should a conflict exist, the contractor shall notify the engineer or surveyor so the conflict can be resolved with a minimum amount of delay.
4. Three (3) working days prior to beginning construction, the contractor shall submit to Construction Coordination Division a detailed construction schedule. Two (2) working days prior to construction, the contractor shall obtain a barricading permit from the Construction Coordination Division. Contractor shall notify Barricade Engineer (768-2551) prior to occupying an intersection. Refer to Section 19 of the Specifications.
5. 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. These drawings do not include necessary components for construction safety which shall remain the contractor's responsibility.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ✗ All utilities and utility service lines shall be installed prior to paving.
 - ✗ Backfill compaction shall be according to specified street use.
 - ✗ Tack coat requirements shall be determined by the City Engineer.
- [] Sidewalks and wheelchair ramps within the curb returns shall be constructed wherever a new curb return is constructed.
- [] If curb is depressed for a driveway or a handicap ramp, the driveway or ramp shall be constructed prior to acceptance of the curb and gutter.
- [] All storm drainage facilities shall be completed prior to final acceptance.

1"=50' HORZ.
1"=10' VERT.

EASTERLING & ASSOCIATES, INC.
CONSULTING ENGINEERS

5643 PARADISE BLVD. N.W. ALBQ., N.M., 87114
OFFICE (505) 898-8021 FAX (505) 898-850

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

UTILITY IMPROVEMENTS FOR CALMAT SUBDIVISION SEWER AND WATER PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Roger A. Brown</i>	6-25-91	WATER	<i>R.W. Kane</i>	6-13-91
TRANS. DEV.	<i>L. Brown</i>	6-18-91	WASTE WATER	<i>R.W. Kane</i>	6-13-91
HYDROLOGY	<i>CAM</i>	6-25-91			

PROJECT NO	4198.90	MAP NO	F-20	SHEET	1	OF	1
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APPROVED FOR
CONSTRUCTION
James J. Bickel
CITY ENGINEER
7-9-91

NOTE:

- INSTALL FIRE HYDRANT PER COA DWG. 2340
- CONTRACTOR'S OPTION TO INSTALL CONCRETE BLOCKING PER COA DWG. 2340 OR MEGA LUG OR EQUIVALENT RESTRAINT JOINTS FOR THRUST RESTRAINT AT ALL TEES, BENDS, VALVES, FIRE HYDRANTS, AND CAPS.
- INSTALL E.M.D.'S AT ALL TEES, BENDS, CAPS, MH'S, AND ENDS OF SAS SERVICE LINES PER COA DWG. 2145
- INSTALL 1" WATER SERVICE PER COA DWG. 2382
- INSTALL AND ANCHOR ALL VALVES PER COA DWGS. 2035 AND 2038
- PAVEMENT REPLACEMENT SHALL BE INSTALLED PER C.O.A. DWGS. 2485 AND SHALL BE MACHINE LAID

0+00 EXIST. MH
RIM = 31.70
INV OUT = 17.05
INV IN = 17.45 13.47

0+50 MH-1 TYPE E
RIM = 35.60
INV OUT = 21.20
INV IN = 21.55 21.45

4+00 MH-2 TYPE E
RIM = 41.35 41.47
INV OUT = 23.37
INV IN = 23.67 23.27

8+00 MH-3 TYPE E
RIM = 52.10
INV OUT = 44.03
INV IN = 44.14

12+00 MH-4 TYPE E
RIM = 53.01 53.22
INV OUT = 46.22
INV IN = 46.56 46.36

10+75 MH-5 TYPE E
RIM = 55.30
INV OUT = 47.42
INV IN = 47.60 47.60

11+54 MH-6 TYPE E
RIM = 59.71
INV OUT = 53.16
INV IN = 53.21

STATION/LOCATION	SIZE, TYPE, FITTING	SOIL/ BEDDING	TEST PRES. & DEPTH	RESTRAINED LENGTH(S)
FM	PVC TEE 8 IN. RUN 8 IN. BRANCH	GP/ NATIVE	150 PSI 3 FT	Lr = 10 FT Lbr = 22 FT
FM	8 IN. PVC 22.5 DEG. H. BEND	GP/ NATIVE	150 PSI 3 FT	Lr = 7 FT
PL	8 IN. PVC 22.5 DEG. H. BEND	GP/ NATIVE	150 PSI 3 FT	Lr = 7 FT
10+38 10+75 11+59	8 IN. PVC 90 DEG. H. BEND	GP/ NATIVE	150 PSI 3 FT	Lr = 33 FT
	8 IN. PVC 90 DEG. H. BEND	GP/ NATIVE	150 PSI 3 FT	Lr = 33 FT
	8 IN. PVC GP/	NATIVE	150 PSI 3 FT	Lr = 92 FT

THRUST RESTRAINT DESIGN
EASTERLING AND ASSOC. INC.
CALHAT
DEC
DATE: 06-13-1991

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE: 3/16/14

212 4118-900191

RECORD DRAWING
Aug. 7, 1991