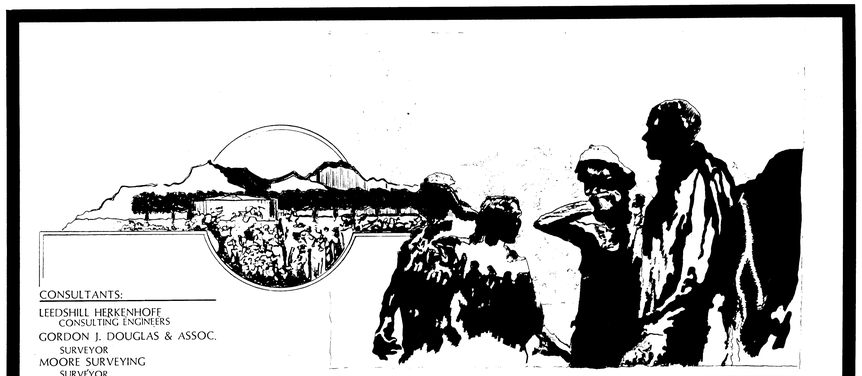
CITY OF ALBUQUERQUE

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266



CONSULTANTS:

LEEDSHILL HERKENHOFF
CONSULTING ENGINEERS

GORDON J. DOUGLAS & ASSOC.
SURVEYOR

MOORE SURVEYING
SURVEYOR

PUBLIC WORKS DEPARTMENT
WATER SYSTEMS FACILITIES
LANDSCAPE IMPROVEMENTS

PROJECT NO. 3097

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Russell B. Smith
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AS BUILT
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GENERAL NOTES

1. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for herein, be constructed in accordance with the City of Albuquerque Interim Standard Specifications for Public Works Construction, 1985.
2. The CONTRACTOR shall install construction locks on the gates of all sites as instructed by the Water Systems Division, Public Works Department to enable the CONTRACTOR to have ready access to the sites. Access to well houses for the installation of the irrigation controller shall be coordinated with the Water Systems Division, Public Works Department. The CONTRACTOR shall contact the Water Systems Division personnel at 823-4200 two full working days prior to proposed line shut off or to arrange for access to the well house or other building as needed.
3. The Contractor shall be responsible for protecting, supporting, and maintaining service of all existing utilities.
4. The Contractor shall be responsible for locating all underground utilities, including City water, sanitary sewer, and storm drain lines. Any damage to existing utilities shall be restored to previous condition by the Contractor at his expense.
5. Where plans call for installation of gravel or bark mulch, CONTRACTOR shall excavate as needed for top of gravel or bark to be flush with adjacent finish grade.
6. Weed trees less than 2" caliper that are not specifically called out on plans shall be removed and properly disposed of as part of the general clean-up of the site, at no additional cost to the OWNER.
7. The CONTRACTOR shall perform a general clean-up of all sites, removing and properly disposing of all surface trash and miscellaneous debris.
8. Expansion joints shall be installed where new concrete abuts existing concrete or other hard surfaces.
9. Proposed asphalt abutting existing buildings shall be installed up to the stem wall of the building.
10. Proposed asphalt shall slope a minimum of 1% away from building.
11. Curb and gutter reference to City Standard Detail P-8 shall be as per Standard Curb and Gutter.
12. Contractor shall adjust height of all structures located in areas to be paved or graded to be flush with finish grade.
13. Contractor shall be responsible for obtaining and installing any approved, clean fill that may be necessary to complete grading operations (typical all sites).
14. Contractor shall be responsible for disposing of cut from grading operations as directed by Landscape Architect (typical all sites).

IRRIGATION NOTES

1. Metered service line for irrigation taps shall be as per Standard City Detail W-11 and W-10.
2. All taps shall be pressure connections.
3. The proposed controller location indicated on the plans is schematic. Actual location of the controller will be within 20 horizontal feet from the location shown. The Contractor shall locate controller as directed by the Public Works Department. Electrical source will be a maximum of 20 horizontal feet from the proposed controller location.
4. Where crossing existing hard construction is shown on plans, the contractor shall saw-cut existing asphalt and/or concrete prior to trenching, remove and properly dispose of debris, install sleeve piping, compact subgrade to 95%, and replace asphalt and/or concrete to match existing areas.
5. The Contractor shall adjust all valves, bubblers, and sprinklers for optimum coverage, and shall install odd arc or adjustable nozzles when instructed by the Landscape Architect.
6. All existing mainline locations are schematic. It shall be the Contractor's responsibility to pot hole and field check to determine actual locations as an incidental requisite to the construction contract.
7. Conduit for 110 volt wires and 24 volt wires (See detail F-166) shall be rigid steel conduit.
8. The service line between the pressure connection and water meter shall be plastic tubing as per City Std. Specification 702.3.3
9. Contractor shall install manual drains on the lateral piping at the lowest point to insure complete drainage of the lateral. Quantity shall be as required and shall be located on the "As Built" drawings. (Location shall be determined by the Contractor at time of installation.) See (A/171) (Minimum one per zone.)
10. All proposed irrigation piping shall be marked using marker tape and shall be laid horizontally 4" above piping. Piping laid in common trenches shall have marker tape for each pipe. Tape shall be 2" wide and marked "buried water line", blue in color and metallic for future location. Product is available from pipeline Material Inc. Albuquerque, New Mexico (505) 821-2626 (or approved equal).
11. 24V wire shall be run from the controller to the closest irrigation trench, minimizing the amount of trenching required for the installation of the wire. The Contractor shall review the proposed routing of the 24 volt wire with the Landscape Architect and have the route approved by the Landscape Architect prior to installation.
12. The Contractor shall wire 120 V AC to the closest 120 V general purpose branch circuit. The connection shall be made in a junction box. Associated breaker shall be labeled "Irrigation Control Panel". For bidding purposes, the Contractor shall utilize 25'-0" horizontal feet of 1/2" EMT with 2 #12's with one #12 ground. Actual location for connection shall be determined by the inspector in the field.
13. All 24 volt wire shall be marked with a 6" wide yellow marker tape and marked "Warning-Electrical". Lay marker tape horizontally 4" above wire.
14. In addition to other specified tests and inspections, the irrigation systems shall be performance tested and witnessed by the Compliance Officer from the City of Albuquerque Health and Environment Department for conformance with the provisions of the Waste Water Ordinance.

PLANTING NOTES

1. Where plans call for vines to be planted next to a fence, vines shall be planted inside fence unless otherwise indicated on plans. Vines shall be planted + 12" from fence. The Contractor shall lead vines up fence upon installation.
2. Honeysuckle shall be planted at 5'-0" o.c. when planted along a fence. Honeysuckle shall be planted at 3'-0" o.c. when planted as a groundcover.
3. For tree planting detail, see J/170.
4. For shrub planting detail, see K/170.
5. In case of a discrepancy in plant quantities shown on the Plant List and those shown on the Planting Plan, the quantities shown on the plans shall govern.

GENERAL LEGEND

- PROPERTY LINE
- EXISTING CHAIN LINK FENCE
- PROPOSED CHAIN LINK FENCE
- EXISTING CHAIN LINK FENCE TO BE REMOVED
- EXISTING TRANSFORMER
- EXISTING VALVE
- EXISTING MANHOLE
- EXISTING WATER METER
- EXISTING UTILITY POLE
- EXISTING FIRE HYDRANT
- EXISTING CONTOUR
- PROPOSED CONTOUR
- 0.00 — EXISTING SPOT ELEVATION
- 0.00 — PROPOSED SPOT ELEVATION
- 0.00 — EXISTING SPOT ELEVATION TO REMAIN

IRRIGATION LEGEND

- WATER METER SIZE AS INDICATED ON PLANS. (INSTALL AS PER CITY STANDARD DETAILS W-10 THRU 10-19)
- PEGLER B-68, BRONZE GATE VALVE - SIZE AS INDICATED ON PLANS.....SEE DETAIL (B/171)
- MASTER VALVE AND VACUUM BREAKER ASSEMBLY, BUCKNER 20100 BPR AUTOMATIC VALVE WITH FEBCO 765 PRESSURE TYPE VACUUM BREAKER - SIZE AS INDICATED ON PLANS.....SEE DETAIL (C/171)
- 1" BRASS AUTOMATIC VALVE ASSEMBLY, WEATHERMATIC 8024 BCR-10 .....SEE DETAIL (C/171)
- 1 1/2" BRASS AUTOMATIC VALVE ASSEMBLY, WEATHERMATIC 8024 BCR-15 .....SEE DETAIL (C/171)

IRRIGATION LEGEND (cont.)

- 2" BRASS AUTOMATIC VALVE ASSEMBLY, WEATHERMATIC 8024 BCR-20 .....SEE DETAIL (C/171)
- 1" AUTOMATIC VALVE AND ATMOSPHERIC VACUUM BREAKER ASSEMBLY WEATHERMATIC 8024 BCR-10 WITH CHAMPION 262-100 .....SEE DETAIL (D/171)
- MANUAL DRAIN ASSEMBLY, SIZE 3/4".....SEE DETAIL (A/171)
- SOLVENT WELD CAP (LINE SIZE)
- CONTROLLER, TORO 171-06-01 EIGHT STATION WALL MOUNT CONTROLLER.....SEE DETAIL (E/171)
- SLEEVE PIPING, CLASS 200 PVC (TWO SIZES LARGER THAN PIPE TO BE SLEEVED), (SLEEVE PIPE FOR 24 VOLT WIRE SHALL BE 1 1/4" CLASS 200 PVC)
- LATERAL PIPING, SCH. 40 PVC - 18" BURY (24" BURY FOR LATERALS FEEDING 12" POP-UP SPRINKLERS).
- MAINLINE PIPING, SCH. 80 PVC - 30" BURY

TORO 570-HP, 12" POP-UP PRESSURE COMPENSATING SPRINKLER WITH INTERNAL CHECK VALVE.....SEE DETAIL (B/172)

NOZZLE	RADIUS	GPM	PSI
12-Q-PC	12'	.7	25
12-T20-PC	12'	.8	25
12-H-PC	12'	1.0	25
12-240-PC	12'	1.2	25
12-270-PC	12'	1.5	25
12-F-PC	12'	2.0	25
ADJ-PC	12'	.8	20
4-CST-PC	4' X 30'	1.2	30
4-EST-PC	4' X 15'	.6	30

TORO 570-P, 3" POP-UP PRESSURE COMPENSATING SPRINKLER WITH INTERNAL CHECK VALVE.....SEE DETAIL (A/172)

NOZZLE	RADIUS	GPM	PSI
12-Q-PC	12'	.7	25
12-T20-PC	12'	.8	25
12-H-PC	12'	1.0	25
12-240-PC	12'	1.2	25
12-270-PC	12'	1.5	25
12-F-PC	12'	2.0	25
ADJ-PC	12'	.8	20
4-CST-PC	4' X 30'	1.2	30
4-EST-PC	4' X 15'	.6	30
9-SST-PC	9' X 18'	1.2	30

- HUNTER I-20 GEAR DRIVE SPRINKLER .....SEE DETAIL (C/172)
- HUNTER I-20 GEAR DRIVE SPRINKLER .....SEE DETAIL (C/172)
- HUNTER I-20 GEAR DRIVE SPRINKLER .....SEE DETAIL (C/172)
- TORO 570-P, 3" POP-UP PRESSURE COMPENSATING POP-UP BUBBLER ASSEMBLY WITH INTERNAL CHECK VALVE AND FB-100-PC 1.0 GPM NOZZLE .....SEE DETAIL (F/172)
- LATERAL MANUAL DRAIN W/ KING AUTOMATIC DRAIN.
- 24 VOLT WIRE ROUTE, 36" BURY.

PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	REMARKS
TREES					
ACE SAC	Acer saccharinum	Silver Maple	15 gallon	1	1-1/2" cal., 8'-10' ht., 3' min. spd.
CAR ILL	Carya illinoensis	Pecan	15 gallon	3	1-1/2" cal., 6'-8' ht., 3' min. spd.
CAR ILL	Carya illinoensis	Pecan	24" box	4	2" cal., 10'-12' ht., 3' min. spd.
CHI LIN	Chilopsis linearis	Desert Willow	5 gallon	51	3/4" cal., 3'-4' ht., 2' min. spd.
CHI LIN	Chilopsis linearis	Desert Willow	15 gallon	3	1-1/2" cal., 6'-8' ht., 3' min. spd.
CUP LEY	Cupressocyparis leylandii	Leyland False Cypress	15 gallon	49	1-1/2" cal., 8'-10' ht., 3' min. spd.
CUP ARI	Cupressus arizonica	Arizona Cypress	15 gallon	151	1-1/2" cal., 8'-10' ht., 3' min. spd.
ELA ANG	Elaeagnus angustifolia	Russian Olive	15 gallon	5	1-1/2" cal., 8'-10' ht., 3' min. spd.
FRA PEN	Fraxinus pennsylvanica	Green Ash	15 gallon	6	1-1/2" cal., 8'-10' ht., 3' min. spd.
FRA VEL 'MOD'	Fraxinus velutina 'Modesto'	Modesto Ash	15 gallon	119	1-1/2" cal., 8'-10' ht., 3' min. spd.
FRA VEL 'MOD'	Fraxinus velutina 'Modesto'	Modesto Ash	24" box	7	2" cal., 12'-14' ht., 4' min. spd.
GLE TRI, INE 'SHA'	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Honey Locust	15 gallon	2	1-1/2" cal., 8'-10' ht., 3' min. spd.
GLE TRI INE 'SUN'	Gleditsia triacanthos inermis 'Sunburst'	Sunburst Honey Locust	15 gallon	111	1-1/2" cal., 8'-10' ht., 3' min. spd.
JUN SCO	Juniperus scopulorum	Rocky Mountain Juniper	15 gallon	8	1-1/2" cal., 8'-10' ht., 3' min spd.
JUN VIR 'CAN'	Juniperus virginiana 'Canaerti'	Canaerti Juniper	15 gallon	3	1-1/2" cal., 8'-10' ht., 3' min spd.
KOE PAN	Koelreuteria paniculata	Goldenrain Tree	15 gallon	63	1-1/2" cal., 6'-8' ht., 3' min. spd.
KOE PAN	Koelreuteria paniculata	Goldenrain Tree	24" box	11	2" cal., 10'-12' ht., 4' min. spd.
MAL SYL	Malus sylvestris	Apple Tree	15 gallon	43	1-1/2" cal., 6'-8' ht., 3' min. spd.
MOR ALB	Morus alba	Fruitless Mulberry	15 gallon	13	1-1/2" cal., 8'-10' ht., 3' min. spd.
PIN ELD	Pinus eldarica	Afghan Pine	15 gallon	182	1-1/2" cal., 6'-8' ht., 3' min. spd.
PIN NIG	Pinus nigra	Austrian Pine	15 gallon	86	1-1/2" cal., 4'-6' ht., 3' min. spd.
PIN PON	Pinus ponderosa	Ponderosa Pine	15 gallon	44	1-1/2" cal., 4'-6' ht., 3' min. spd.
PIN SYL	Pinus sylvestris	Scotch Pine	15 gallon	17	1-1/2" cal., 4'-6' ht., 3' min. spd.
PLA ACE	Platanus acerifolia	London Plane Tree	15 gallon	50	1-1/2" cal., 8'-10' ht., 3' min. spd.
PLA WRI	Platanus wrightii	Arizona Sycamore	15 gallon	6	1-1/2" cal., 8'-10' ht., 3' min. spd.
POP ACU	Populus acuminata	Lanceleaf Cottonwood	15 gallon	67	1-1/2" cal., 8'-10' ht., 3' min. spd.
POP FRE	Populus fremontii	Fremont Cottonwood	15 gallon	43	1-1/2" cal., 8'-10' ht., 3' min. spd.
POP NIG 'ITA'	Populus nigra 'Italica'	Lombardy Poplar	15 gallon	118	1-1/2" cal., 8'-10' ht., 2' min. spd.
PRU BLI	Prunus blireiana	Blireiana Plum	15 gallon	1	1-1/2" cal., 6'-8' ht., 3' min. spd.
PRU PER	Prunus persica	Common Peach	15 gallon	14	1-1/2" cal., 6'-8' ht., 3' min. spd.
ROB PSE	Robinia pseudoacacia	Black Locust	15 gallon	52	1-1/2" cal., 8'-10' ht., 3' min. spd.
ROB PSE	Robinia pseudoacacia	Black Locust	24" box	3	2" cal., 12'-14' ht., 4' min. spd.
SAP DRU	Sapindus drummondii	Soap Tree	5 gallon	5	1/2" cal., 3'-4' ht., 2' min. spd.
TRA FOR	Trachycarpus fortunei	Chinese Windmill Palm	24" box	12	7'-8' height
TRA FOR	Trachycarpus fortunei	Chinese Windmill Palm	15 gallon	10	6'-7' height
TRA FOR	Trachycarpus fortunei	Chinese Windmill Palm	7 gallon	2	3'-5' height
SHRUBS					
ATR CAN	Atriplex canescens	Fourwing Saltbush	5 gallon	52	2'-3' ht., 6' O" o.c.
BAC PIL	Baccharis pilularis	Dwarf Coyote Bush	1 gallon	1021	Min. 4 stems of 12" min. lth., 2'-0" o.c.
BER TRI	Berberis triacanthophora	Three-spine Barberry	5 gallon	12	18"-24" ht. and spd., 6'-0" o.c.
CHR GRE	Chrysothamnus greenei	Green Rabbitbrush	5 gallon	80	2'-3' ht., 6'-0" o.c.
CHR NAU	Chrysothamnus nauseosus	Rubber Rabbitbrush	5 gallon	400	2'-3' ht., 6'-0" o.c.
COT API	Cotoneaster apiculatus	Cranberry Cotoneaster	5 gallon	25	18"-24" ht. and spd., 6'-0" o.c.
COT HOR	Cotoneaster horizontalis	Rock Cotoneaster	5 gallon	21	18"-24" ht. and spd., 6'-0" o.c.
FAL PAR	Fallugia paradoxa	Apache Plume	5 gallon	86	2'-3' ht., 6'-0" o.c.
FOR NEO	Forestiera neomexicana	New Mexico Olive	5 gallon	16	2'-3' ht.
FOR 'LIN GOL'	Forsythia 'Linwood Gold'	Linwood Gold Forsythia	5 gallon	21	18"-24" ht. and spd.
GUT SAR	Gutierrezia sarothrae	Snakeweed	1 gallon	78	3'-0" o.c.
JAS NUD	Jasminum nudiflorum	Flowering Jasmine	5 gallon	79	18"-24" ht. and spd., 5'-0" o.c.
JUN CHI 'ARM'	Juniperus chinensis 'Armstrong'	Armstrong Juniper	5 gallon	58	18" min. ht. and spd., 4'-0" o.c.
JUN CHI PRO 'NAN'	Juniperus chinensis procumbens 'Nana'	Japanese Garden Juniper	5 gallon	101	10" min. ht. 18" min. spd., 5'-0" o.c.
JUN SAB 'BRO'	Juniperus sabina 'Broadmoor'	Broadmoor Juniper	5 gallon	102	10" min. ht. 18" min. spd., 6'-0" o.c.
JUN SAB 'TAM'	Juniperus sabina 'Tamariscifolia'	Tam Juniper	5 gallon	172	10" min. ht. 18" min. spd., 6'-0" o.c.
LAG IND	Lagerstroemia indica	Crape Myrtle	5 gallon	18	2'-3' ht.
NAN DOM 'NAN'	Nandina domestica 'Nana'	Heavenly Bamboo	1 gallon	22	2'-3' ht., 2'-0" o.c.
PHO FRA	Photinia fraseri	Photinia	5 gallon	10	2'-3' ht.
PHO SER	Photinia serrulata	Chinese Photinia	5 gallon	8	2'-3' ht. and spd.
POT FRU	Potentilla fruticosa	Shrubby Cinquefoil	5 gallon	196	18"-24" ht. and spd., 4'-0" o.c.
PYR COC 'LAL'	Pyracantha coccinea 'Lalandei'	Firethorn Pyracantha	5 gallon	9	2'-3' ht.
SAN CHA	Santolina chamaecyparissus	Grey Santolina	1 gallon	45	8" min. ht. and spd., 2'-0" o.c.
SPI BUM	Spiraea bumalda	Bumalda Spirea	5 gallon	1	18"-24" ht. and spd.
SPI VAN	Spiraea vanhouttei	Van Houtte Spirea	5 gallon	19	2'-3' ht.
VINES, GROUNDCOVERS, and FLOWERS					
BAI MUL	Baileya multiradiata	Desert Baileya	1 gallon	50	--
FES OVI 'GLA'	Festuca ovina 'Glauca'	Blue Fescue	1 gallon	625	18" o.c.
GAI GRA	Gaillardia grandiflora	Blanket Flower	1 gallon	5	Min. 4 stems of 12" min. lth.
HED HEL	Hedera helix	English Ivy	1 gallon	5	Min. 4 stems of 12" min. lth.
LON JAP 'HAL'	Lonicera japonica 'Halliana'	Hall's Honeysuckle	1 gallon	3051	Min. 4 stems of 12" min. lth.
PAR QUI	Parthenocissus quinquefolia	Virginia Creeper	1 gallon	1106	Min. 4 stems of 12" min. lth.
TRI REP	Trifolium repens	Clover	Seed	10,271 SF	Plant in prepared bed.
VIN MAJ	Vinca major	Periwinkle	4" pot	450	Min. 2 stems of 6" min. lth., 1'-6" o.c.
LAWN and NATIVE SEED MIXES					
NATIVE SEED MIX 'A'	Hilaria jamesii Oryzopsis hymenoides Sporobolus airoides Sporobolus cryptandrus	Galleta Indian Ricegrass Alkalai Sacaton Sand Dropseed		67,705 SF	5 lbs PLS/acre at 1/2" depth 5 lbs PLS/acre at 4" depth 2 lbs PLS/acre at 1/2" depth 3 lbs PLS/acre at 1/2" depth
NATIVE SEED MIX 'C'	Bouteloua curtipendula Eragrostis lehmanniana Oryzopsis hymenoides Sporobolus cryptandrus Wildflowers: Plants of the Southwest #4000 Desert Mix	Sideoats Grama Lehmann Lovegrass Indian Ricegrass Sand Dropseed		73,658 SF	5 lbs PLS/acre at 1/2" depth 2 lbs PLS/acre at 1/2"depth 5 lbs PLS/acre at 4" depth 2 lbs PLS/acre at 1/2" depth 2 lbs/acre at 1/2" depth
SEED LAWN	Festuca 'Falcon Lolium perenne 'Manhattan' Festuca 'Rebel' Poa pratensis 'Adelphi'	Falcon Fescue Manhattan Perennial Rye Rebel Fescue Adelphi Blue Grass		40,750 SF	Seed at 125 lbs/acre with equal amounts of each

1 2 3 4 5 6 7 8 9 10 11 12
96 3097 0286

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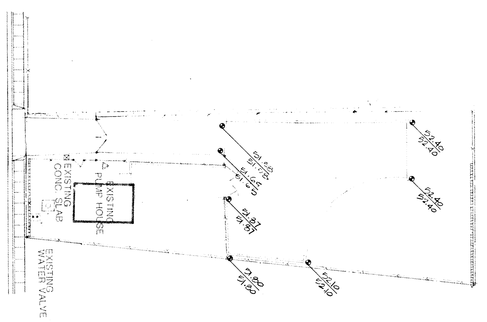
NOVEMBER 1986

NOTES AND LEGENDS

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE, NEW MEXICO

SHEET 2 OF 12



SCALE 1"=20'-0"

0 10 20 40

26 3097 036

SHEET 3 OF 12

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

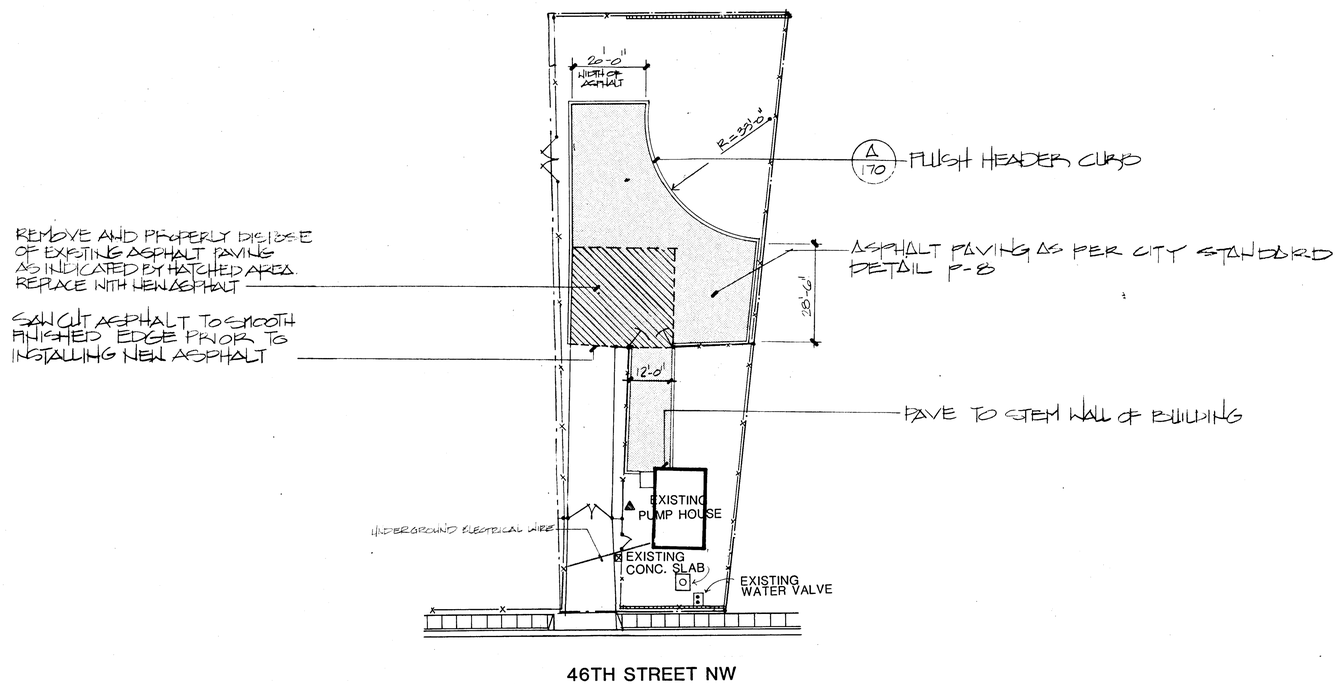
ATRISCO WELL #3
324 46TH ST. NE
GRADING PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

STATE OF NEW MEXICO
MARK H. MORROW
NO. 1
REGISTERED
LANDSCAPE ARCHITECT



26 3097 0486

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

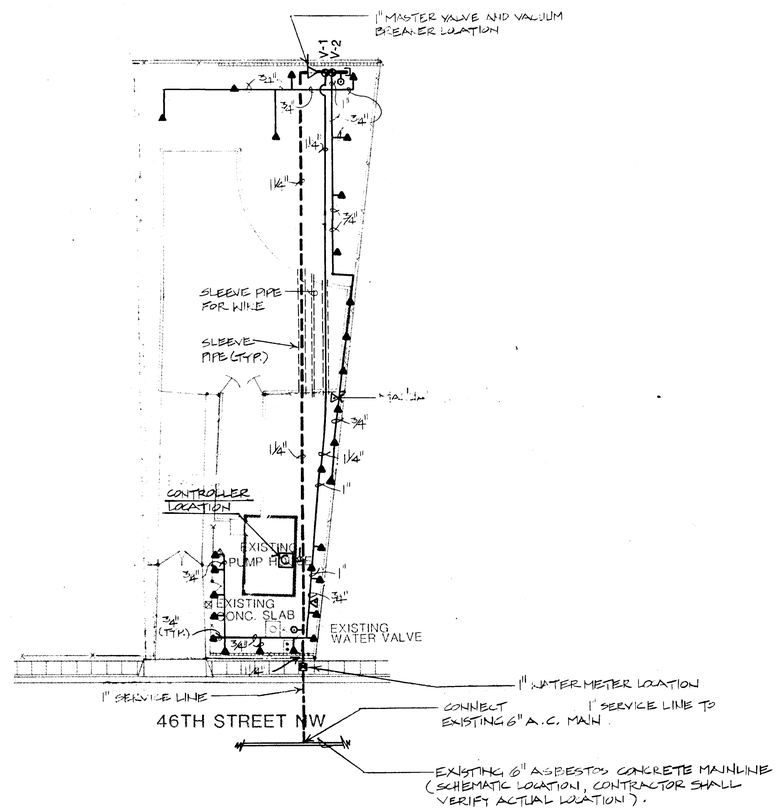
NOVEMBER 1986

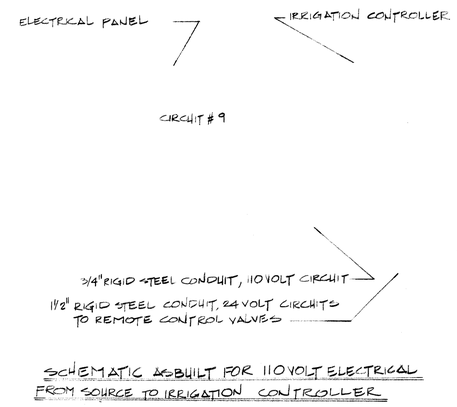
AS BUILT

ATRISCO WELL #3
324 46TH ST. NE
DEMOLITION PLAN / CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 4 of 172





SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

26 3097 0586

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

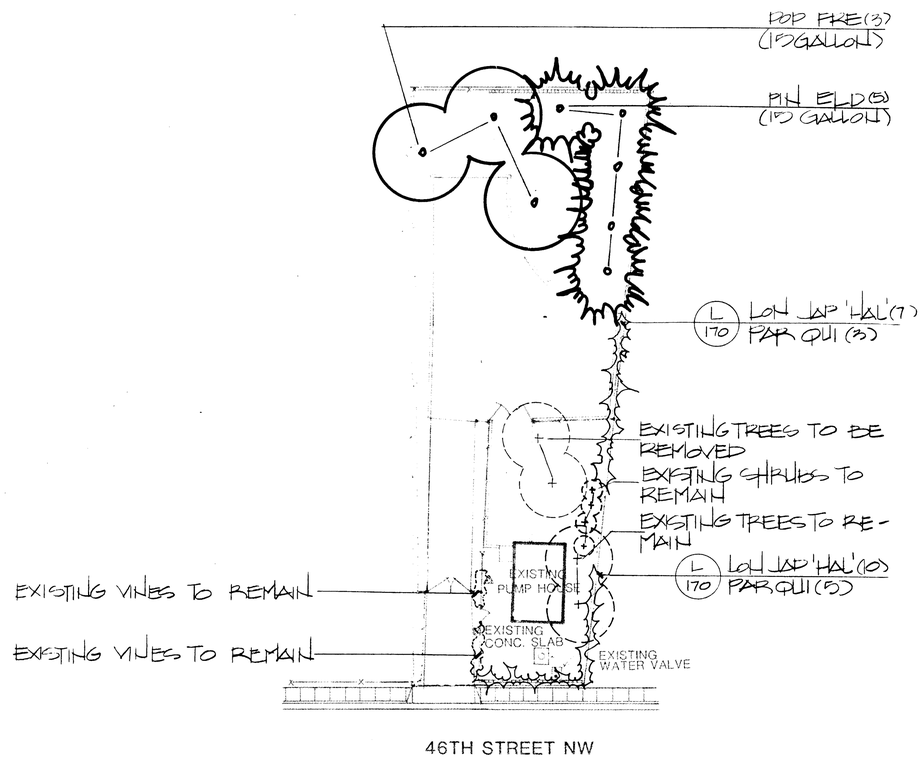
NOVEMBER 1986

AS BUILT

ATRISCO WELL #3
324 46TH ST. NE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
172



26 3097 0686

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

ATRISCO WELL #3
324 46TH ST. NE
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 6 OF 172

26 3097 0786

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
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NOVEMBER 1986

AS BUILT

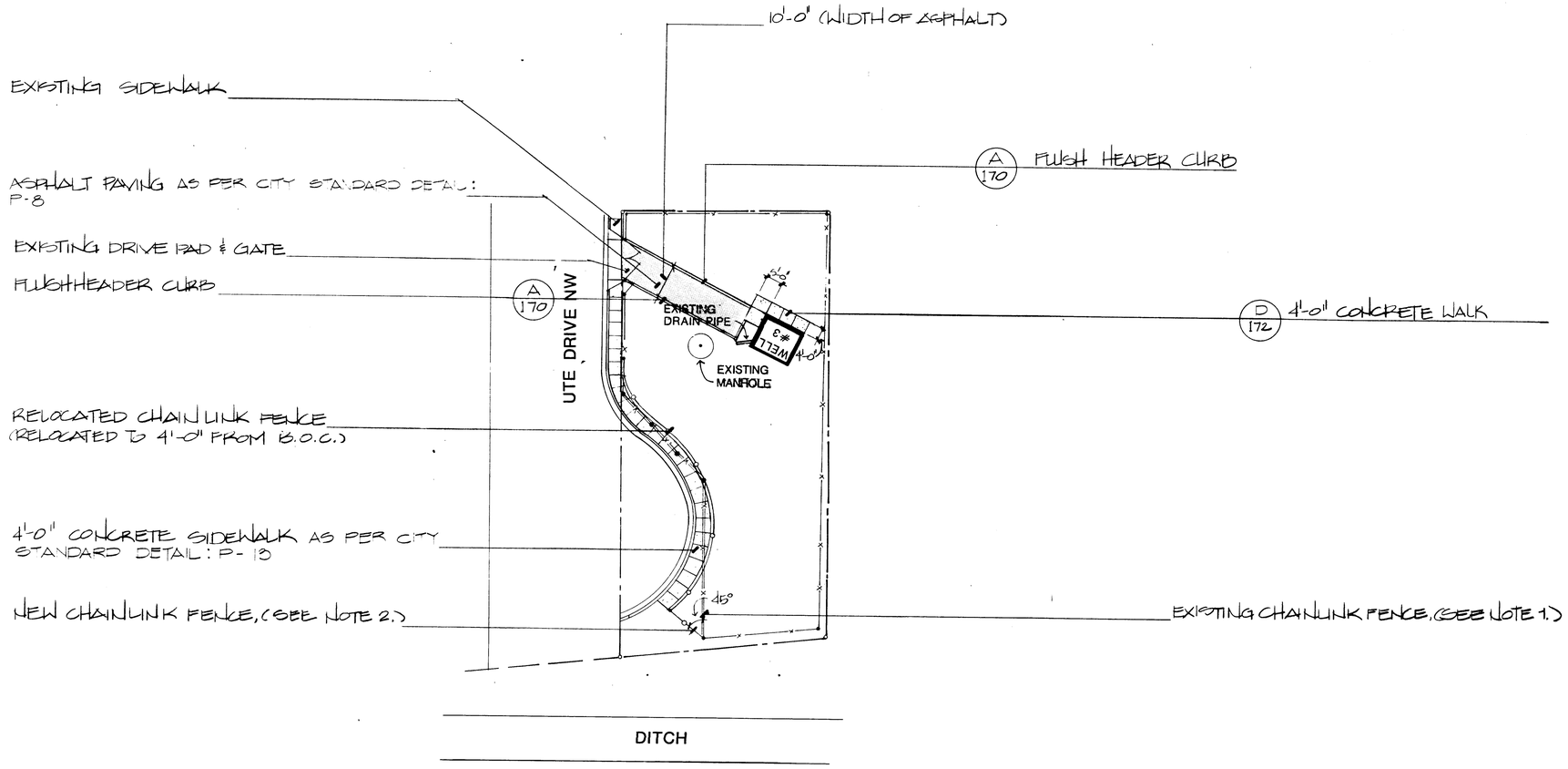
ATRISCO WELL #4
5029 UTE Dr. NW
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 7 OF 172

NOTES:

1. EXISTING FENCE TO BE REMOVED AND RELOCATED AS SHOWN.
2. INSTALL NEW CHAINLINK FENCE AS NEEDED TO CONNECT RELOCATED FENCE TO EXISTING FENCE.



26 3097 0886

SCALE 1"=20'-0"
0 10 20 40

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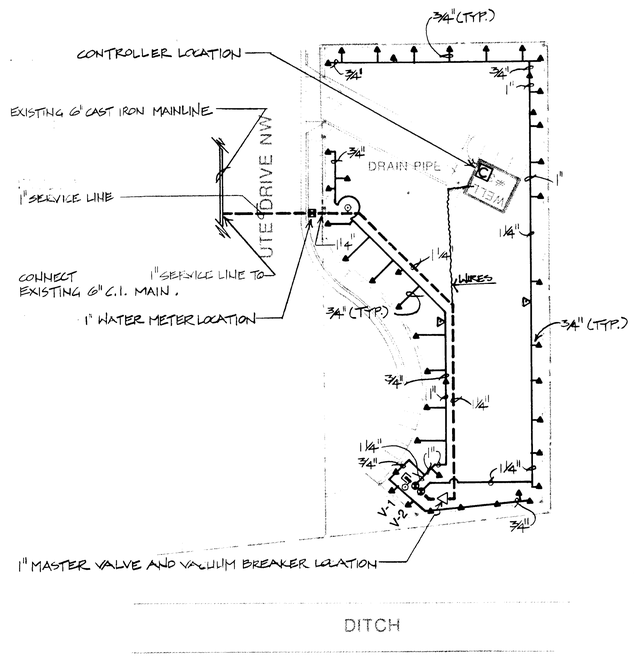
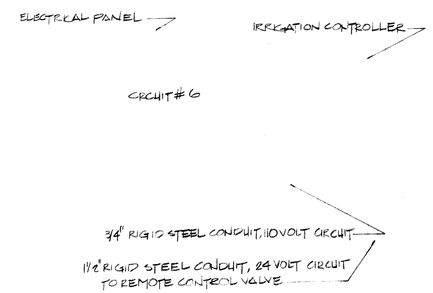
ATRISCO WELL #4
5029 UTE Dr. NW
CONSTRUCTION PLAN
AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 8 OF 172





SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

26 3097 0986

SCALE 1" = 20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
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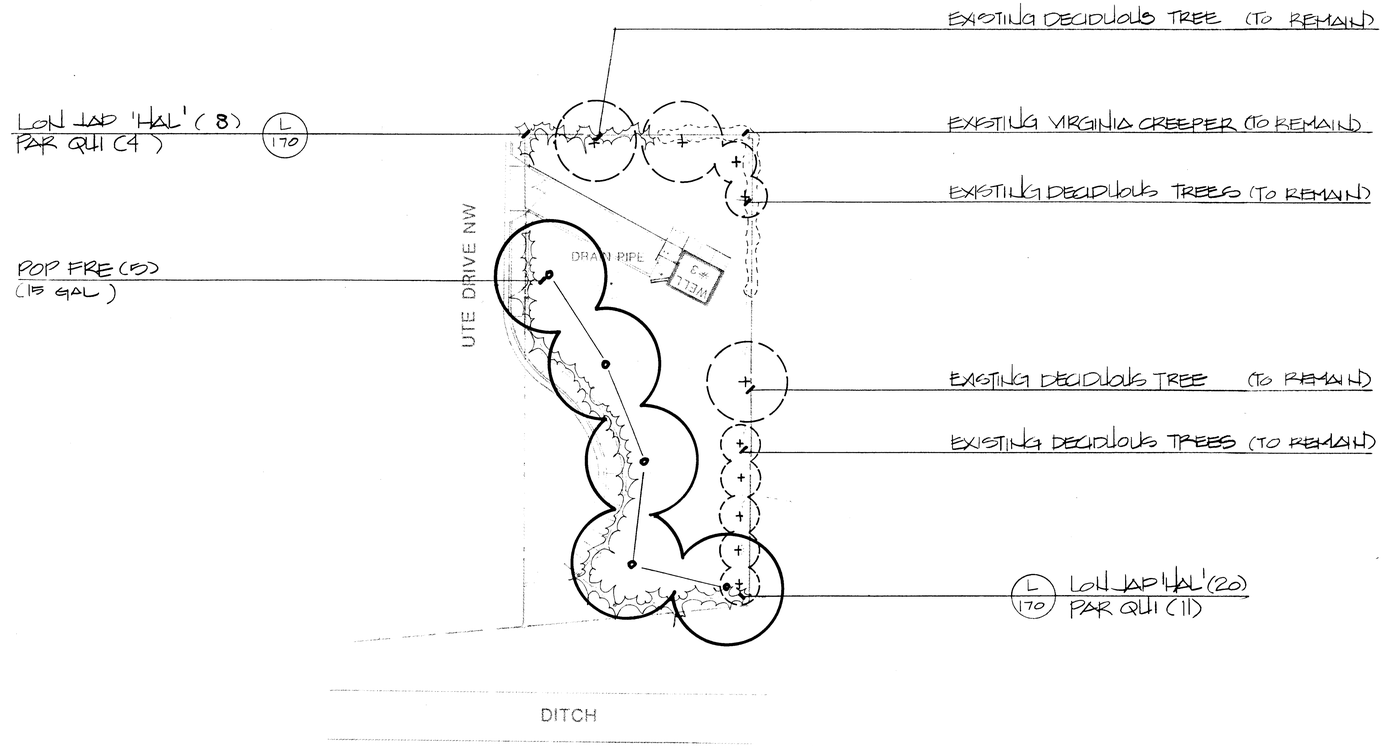
NOVEMBER 1986

AS BUILT

ATRISCO WELL #4
5029 UTE Dr. NW
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 9 OF 172



26 3097 1086

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER
1986

AS BUILT

ATRISCO WELL #4
5029 UTE Dr. NW
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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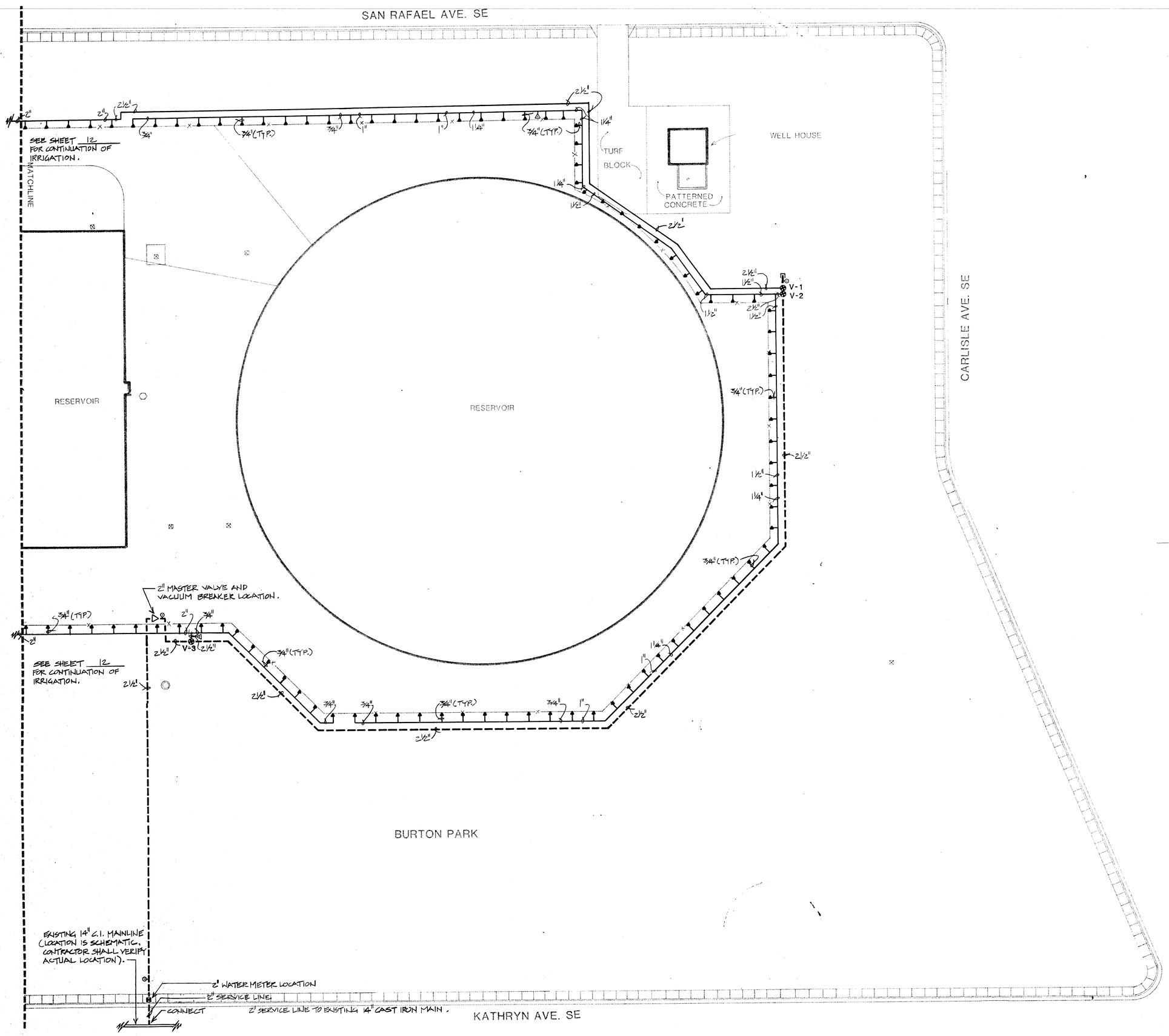
OF
172



26 3097 1186

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
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NOVEMBER 1986

BURTON RESERVOIR #1 & #2 & PUMP STATION
1200 WELLESLEY DR. SE
IRRIGATION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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1
of
172

SAN RAFAEL AVE. SE

ELECTRICAL PANEL

IRRIGATION CONTROLLER

CIRCUIT #3

1½" RIGID STEEL CONDUIT, 24 VOLT CIRCUITS TO REMOTE CONTROL VALVES.

¾" RIGID STEEL CONDUIT, 110 VOLT CIRCUIT

SCHEMATIC AS BUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SEE SHEET 11 FOR CONTINUATION OF IRRIGATION.

WELL #1

VALVE PIT

CHLORINATOR HOUSE

METER PIT

SUB STATION

RESERVOIR

AUTO-DRAIN

¾" (TYP.)

WIRES

(+-)8'-00"

PUMP HOUSE

SURGE TANK

SUB STATION

LOCATION

CONTROLLER

BOLLARDS

WELLESLEY DR. SE

SEE SHEET 11 FOR CONTINUATION OF IRRIGATION.

MATCHLINE

BURTON PARK

KATHRYN AVE. SE

26 3097 1286

SCALE 1"=20'-0"

0 10 20 40

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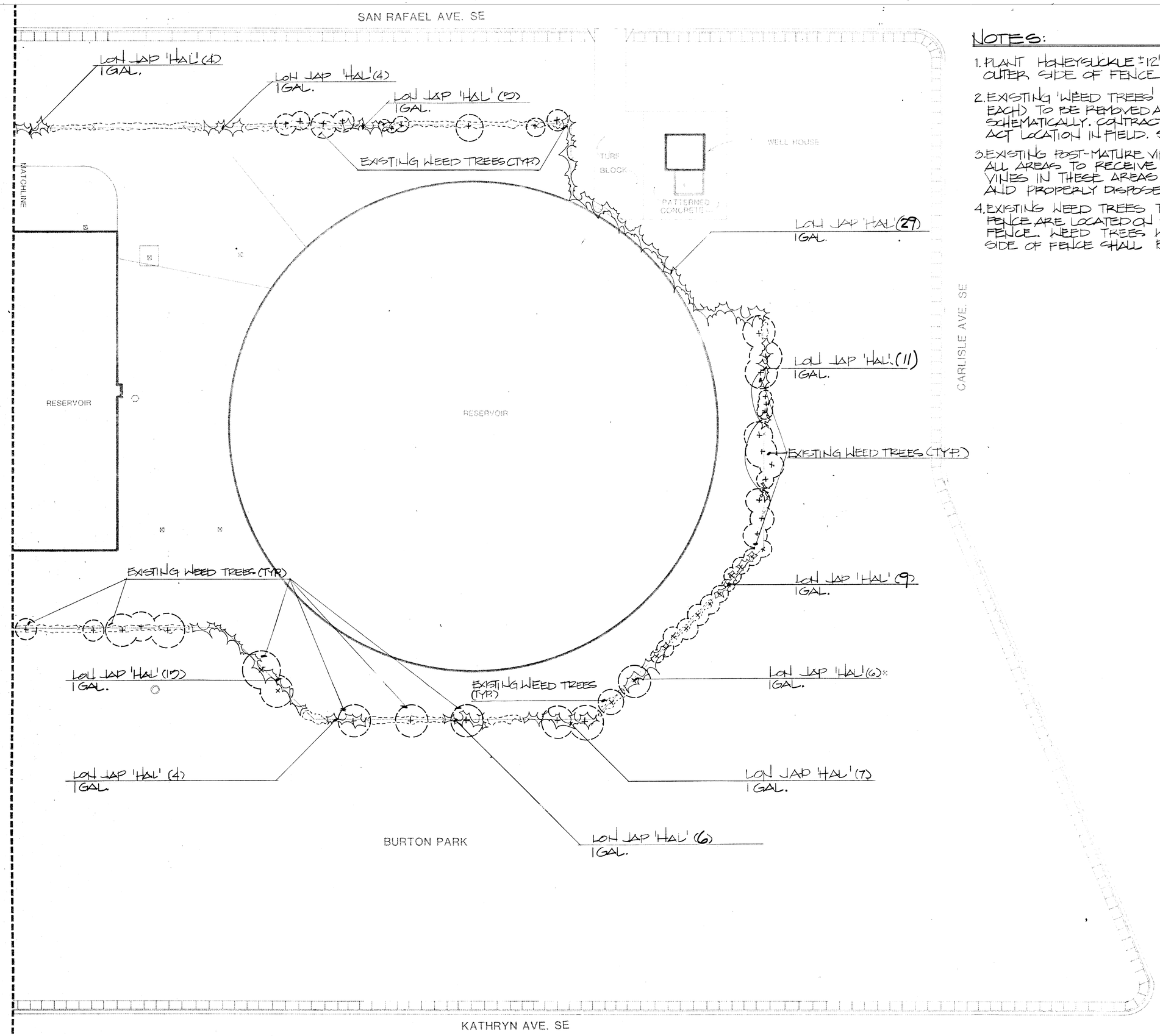
BURTON RESERVOIR #1, #2 AND PUMP STATION
1200 WELLESLEY DR. SE
IRRIGATION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 12 OF 172



NOTES:

1. PLANT HONEYSUCKLE ±12' FROM FENCE ALONG OUTER SIDE OF FENCE.
2. EXISTING 'WEED TREES' (APPROXIMATELY 125 EACH) TO BE REMOVED AT FENCE ARE SHOWN SCHEMATICALLY. CONTRACTOR SHALL VERIFY EXACT LOCATION IN FIELD. SEE NOTE #4.
3. EXISTING POST-MATURE VINES ARE LOCATED IN ALL AREAS TO RECEIVE NEW VINES. EXISTING VINES IN THESE AREAS SHALL BE REMOVED AND PROPERLY DISPOSED OF.
4. EXISTING WEED TREES TO BE REMOVED AT FENCE ARE LOCATED ON BOTH SIDES OF THE FENCE. WEED TREES WITHIN 15'-0" OF EITHER SIDE OF FENCE SHALL BE REMOVED.

26 3097 1386

SCALE 1"=20'-0"

0 10 20 40

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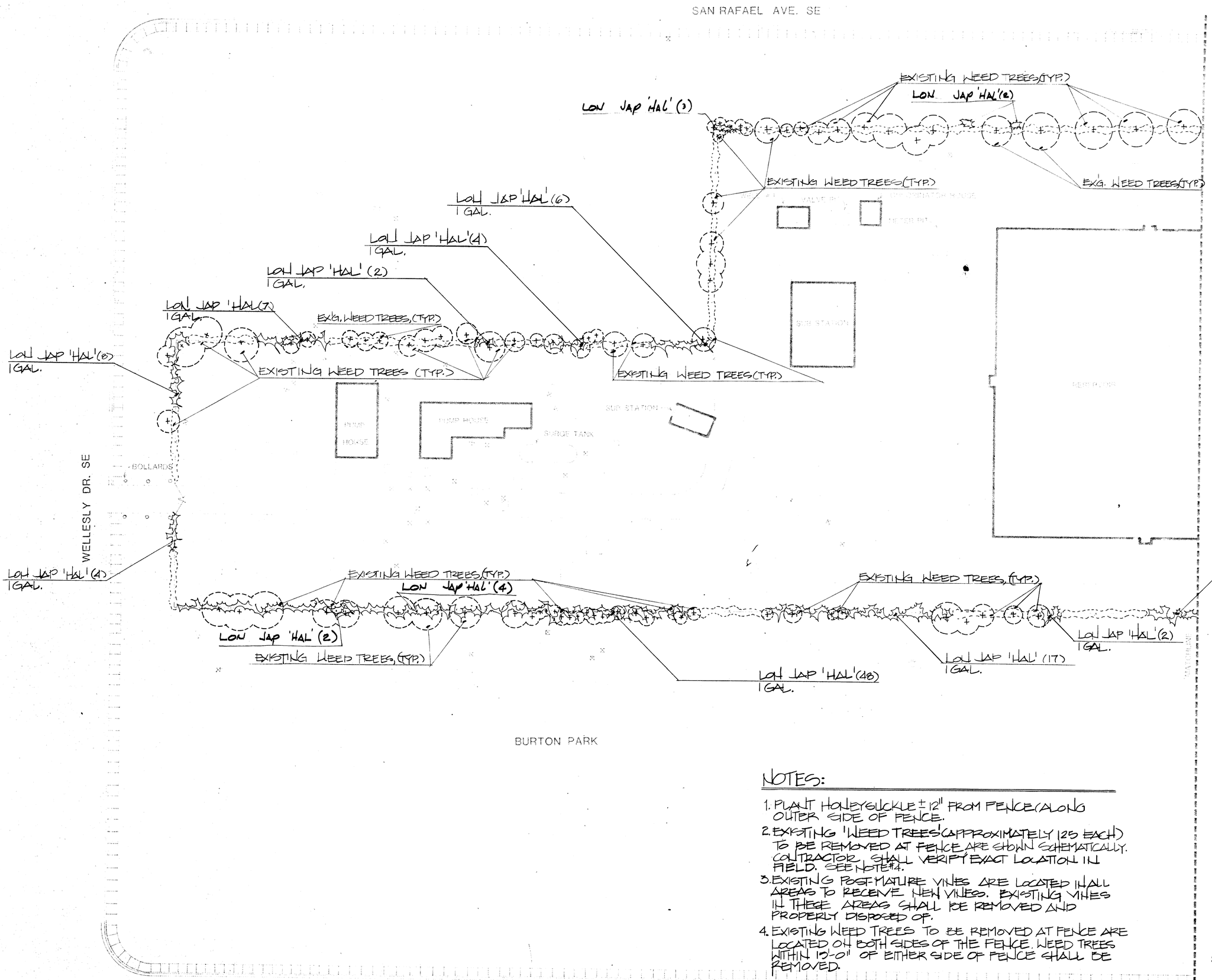
BURTON RESERVOIR #1 & #2 & PUMP STATION
1200 WELLESLEY DR. SE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 3 of 172



NOTES:

1. PLANT HONEYSUCKLE ± 12" FROM FENCE (ALONG OUTER SIDE OF FENCE.
2. EXISTING 'WEED TREES' (APPROXIMATELY 125 EACH) TO BE REMOVED AT FENCE ARE SHOWN SCHEMATICALLY. CONTRACTOR SHALL VERIFY EXACT LOCATION IN FIELD. SEE NOTE #4.
3. EXISTING POST-MATURE VINES ARE LOCATED IN ALL AREAS TO RECEIVE NEW VINES. EXISTING VINES IN THESE AREAS SHALL BE REMOVED AND PROPERLY DISPOSED OF.
4. EXISTING WEED TREES TO BE REMOVED AT FENCE ARE LOCATED ON BOTH SIDES OF THE FENCE. WEED TREES WITHIN 10'-0" OF EITHER SIDE OF FENCE SHALL BE REMOVED.

26 3097 1486

SCALE 1" = 20'-0"
0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
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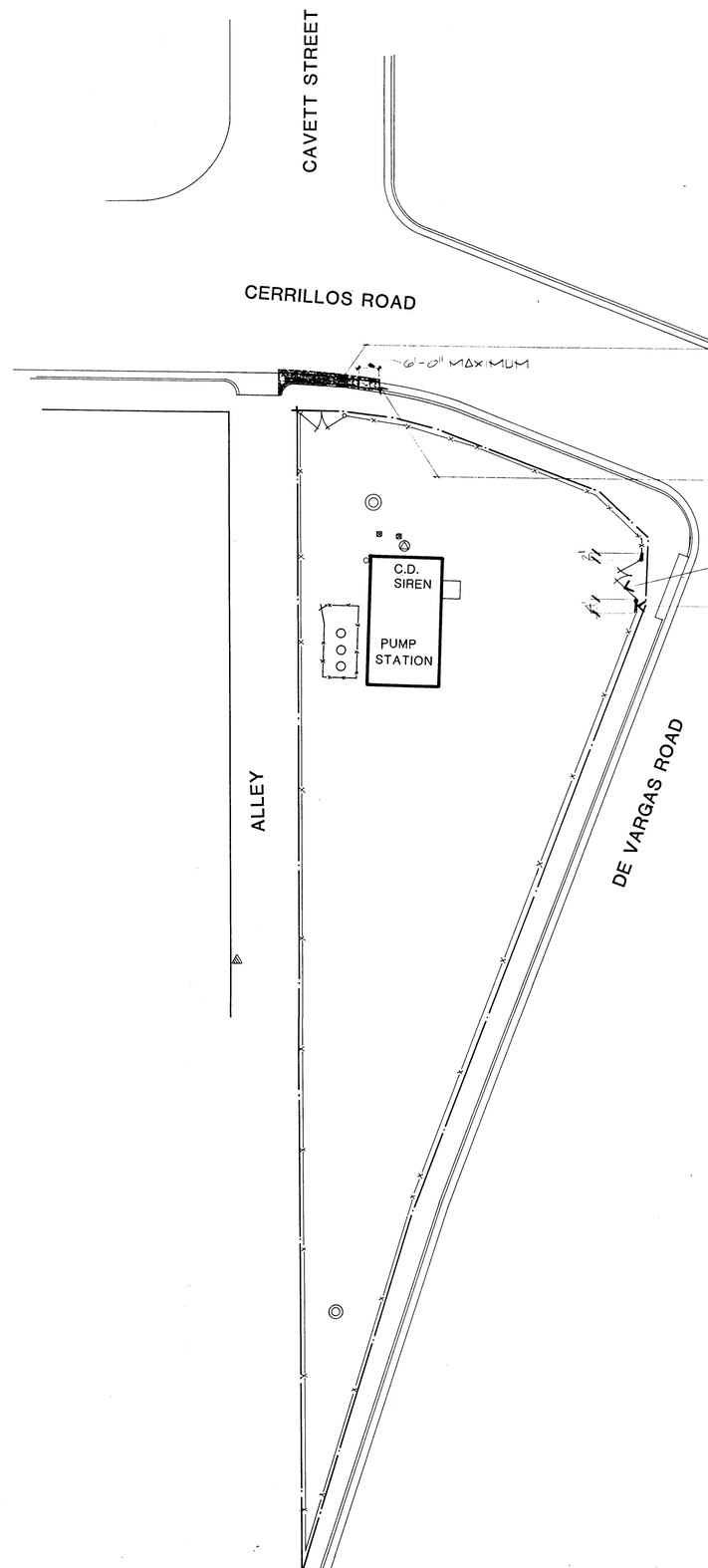
NOVEMBER 1986

BURTON RESERVOIR #1, #2 AND PUMP STATION
1200 WELLESLEY DR. SE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 14 OF 172



REMOVE EXISTING CONC. CURB & GUTTER (AS SHOWN BY SHADED AREA) TO THE NEAREST EXPANSION OR CONTROL JOINT. IF REMOVING CONC TO NEAREST CONTROL JOINT SAW CUT CONC. TO A SMOOTH FINISHED EDGE. REMOVE ADJACENT ASPHALT ± 12" AS NEEDED TO CONSTRUCT NEW CURB & GUTTER.

EXTG EXPANSION OR CONTROL JOINT (VERIFY LOCATION IN FIELD)

REMOVE EXTG CHAIN LINK GATE

REMOVE EXTG CHAIN LINK FENCE & POSTS AS SHOWN BY DOUBLE SHADED LINE (TYP.)

26 3097 158.6

SCALE 1"=20'-0"
0 10 20 40

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LANDSCAPE ARCHITECTS
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NOVEMBER 1986

AS BUILT

DON PUMP STATION
1002 CERRILLOS ROAD SW
DEMOLITION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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172

26 3097 1686

SCALE 1"=20'-0"
0 10 20 40

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NOVEMBER
1986

AS BUILT

DON PUMP STATION
1002 CERRILLOS ROAD SW
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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16
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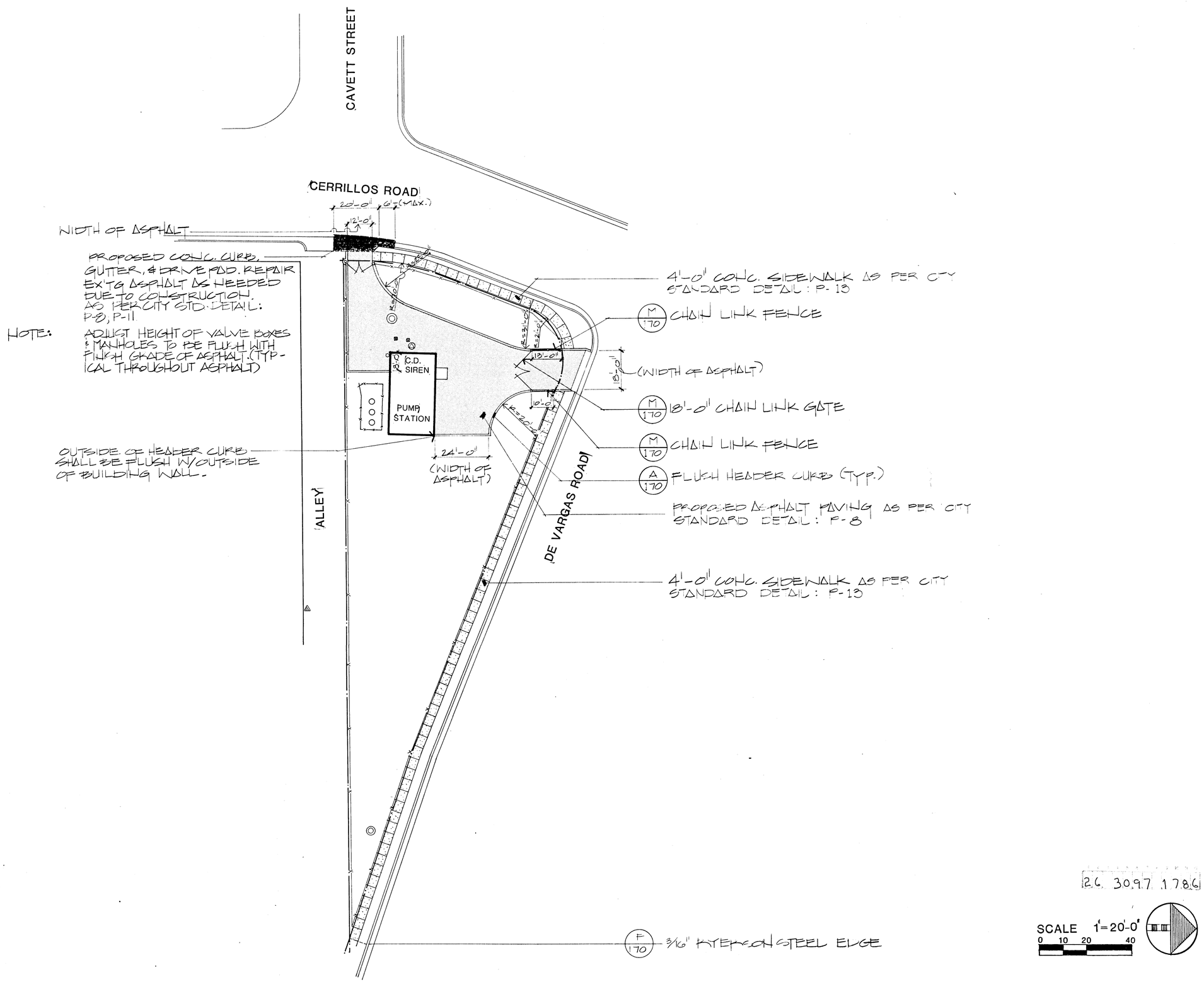
172



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LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

DON PUMP STATION
1002 CERRILLOS ROAD SW
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 17 OF 172

ELECTRICAL PANEL

IRRIGATION CONTROLLER

CIRCUIT # 8

3/4" RIGID STEEL CONDUIT, 110 VOLT CIRCUIT

1 1/2" RIGID STEEL CONDUIT, 24 VOLT CIRCUITS TO REMOTE CONTROL VALVES

SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

26 30 97 188 6

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

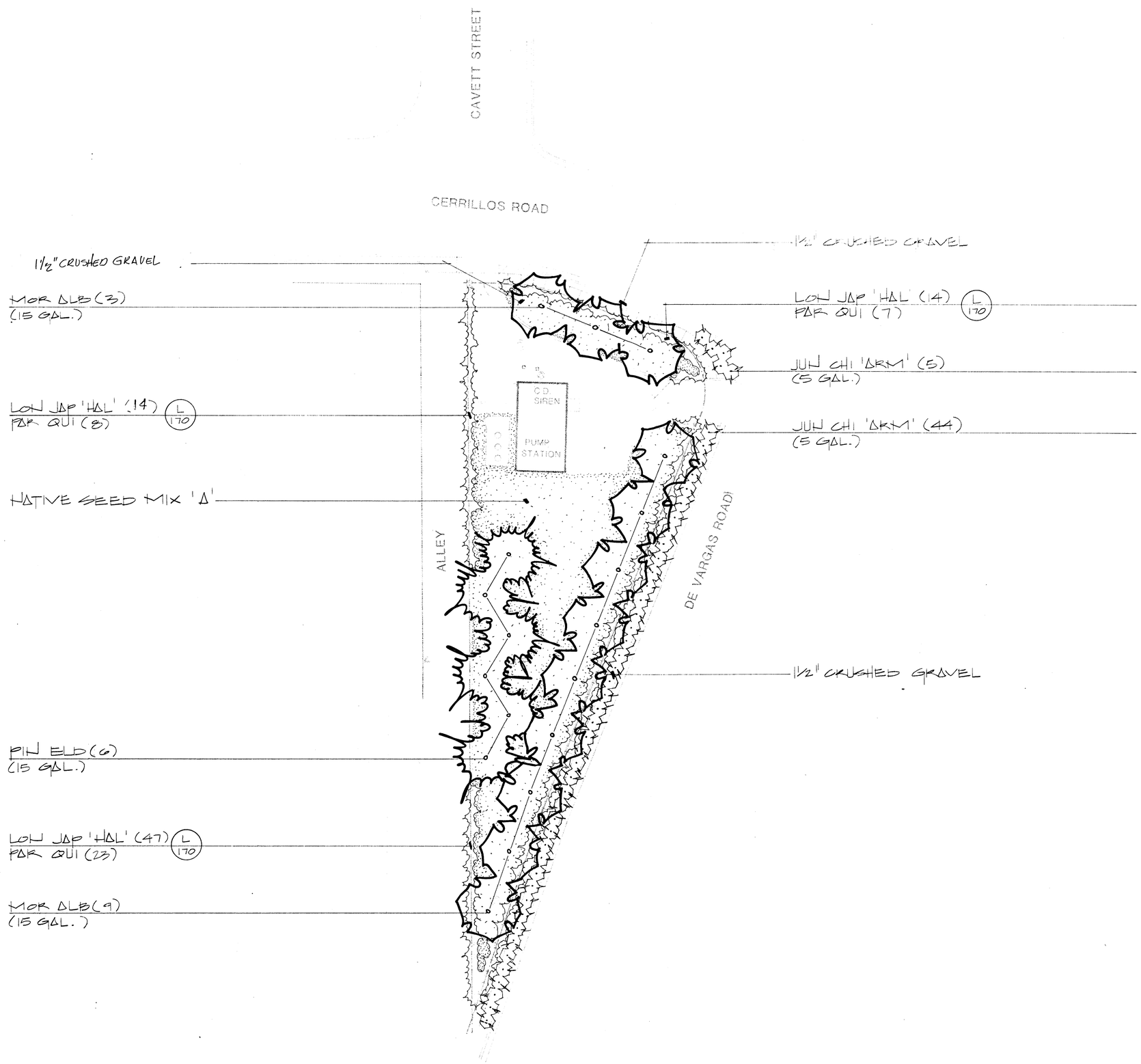
NOVEMBER 1986

AS BUILT

DON PUMP STATION
1002 CERRILLOS ROAD SW
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 18 OF 172



26 3097 1986

SCALE 1"=20'-0"
0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

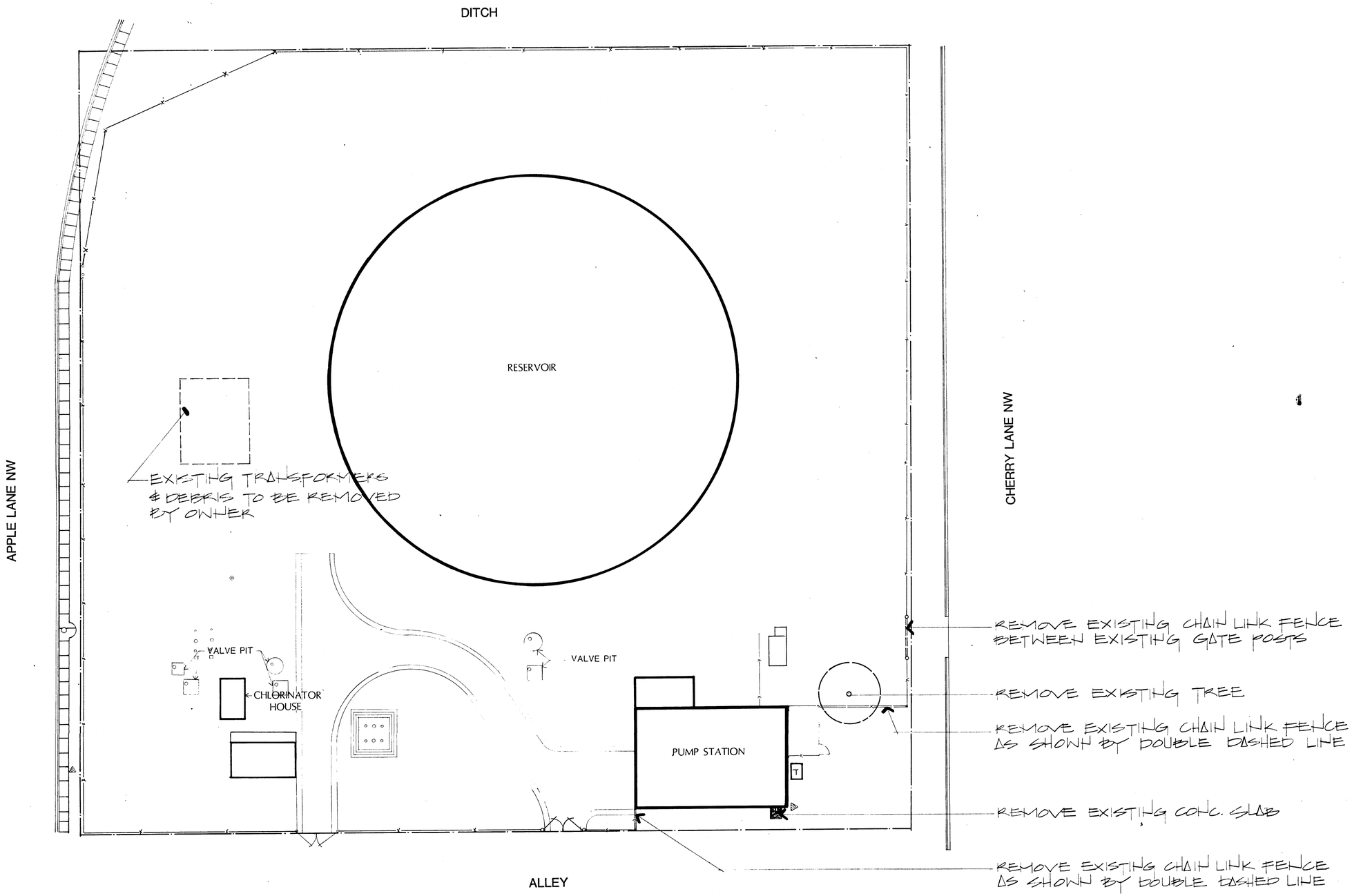
NOVEMBER
1986

AS BUILT

DON PUMP STATION
1002 CERRILLOS ROAD SW
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
19
OF
172



NOTE:
New chlorine facilities and asphalt paving may be under construction (by others - NIC) during the construction of the landscape improvements described herein. The Contractor shall coordinate all proposed landscape demolition and construction with the on-going construction of the chlorine facilities and asphalt paving. The Contractor shall notify the Landscape Architect of any problems that may occur concerning the coordination of the two projects.

NOTE:
CONTRACTOR MAY REUSE PORTIONS OF EXISTING FENCE AS APPROPRIATE. EXISTING FENCE THAT IS DAMAGED IN ANY WAY SHALL NOT BE REUSED.

SCALE 1"=20'-0"
0 10 20 40

NORTH

26 3097 2086

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

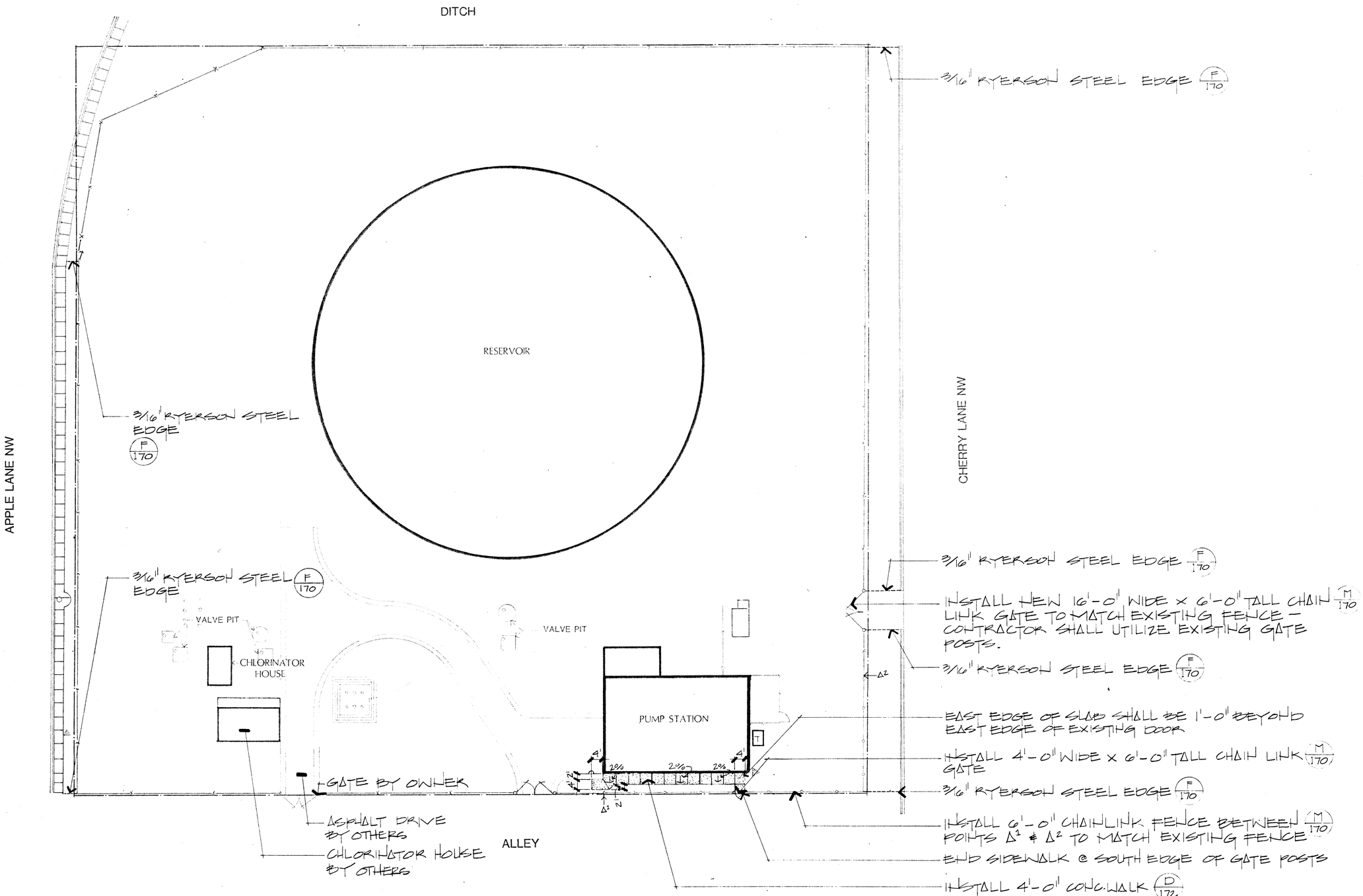
NOVEMBER 1986

DURANES RESERVOIR & PUMP STATION
1917 CHERRY LANE NW
DEMOLITION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 20 of 172



NOTE:
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NOTE:
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SCALE 1"=20'-0"

0 10 20 40

NORTH

2.6 3097 2186

MORROW & COMPANY
LANDSCAPE ARCHITECTS
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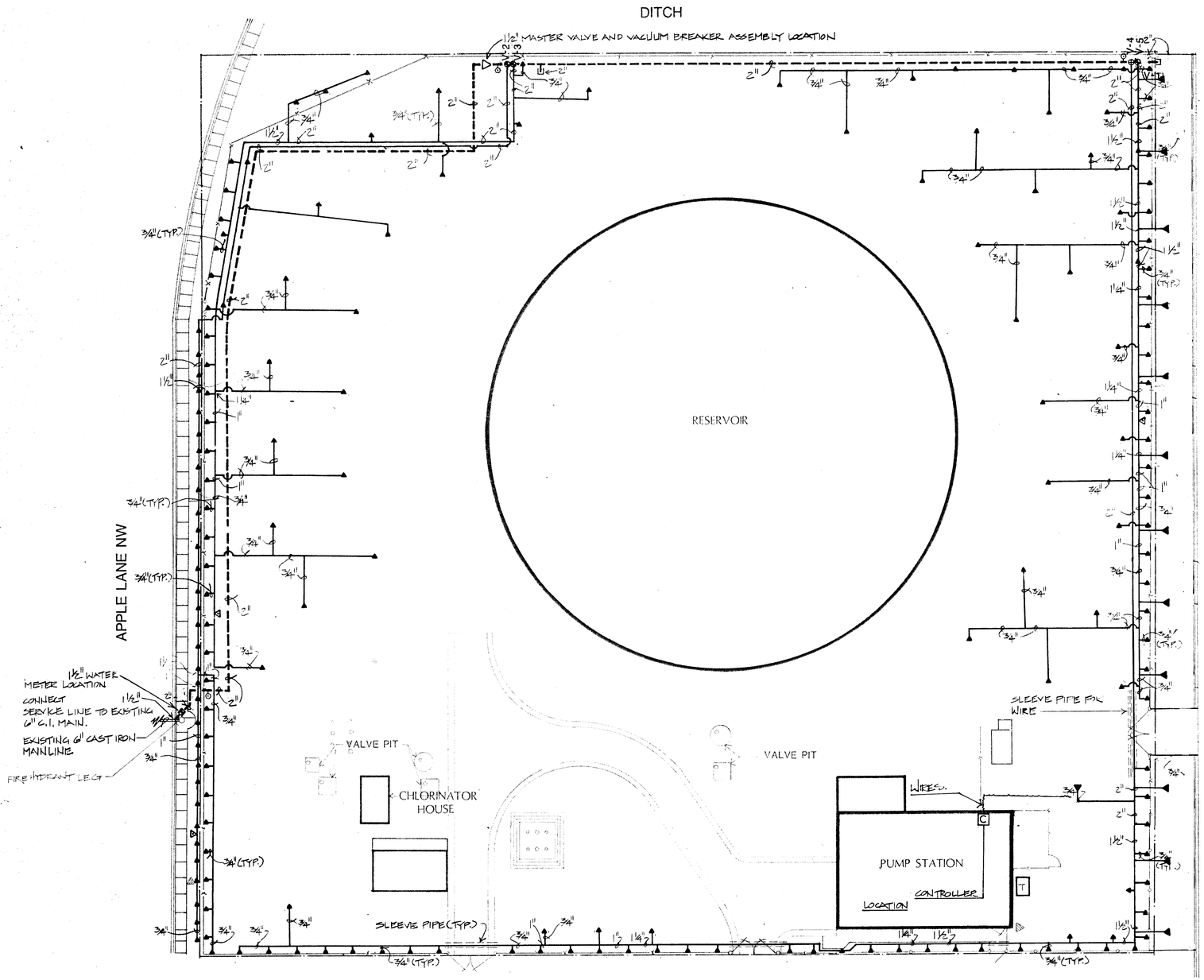
NOVEMBER 1986

DURANES RESERVOIR & PUMP STATION
1917 CHERRY LANE NW
CONSTRUCTION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 21 OF 172



NOTE:
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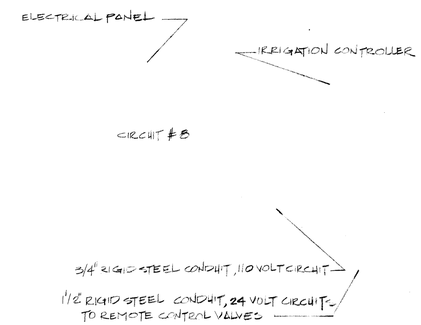

SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER.

SCALE 1"=20'-0"

0 10 20 40

NORTH

26 3097 2286

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
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505-268-2266

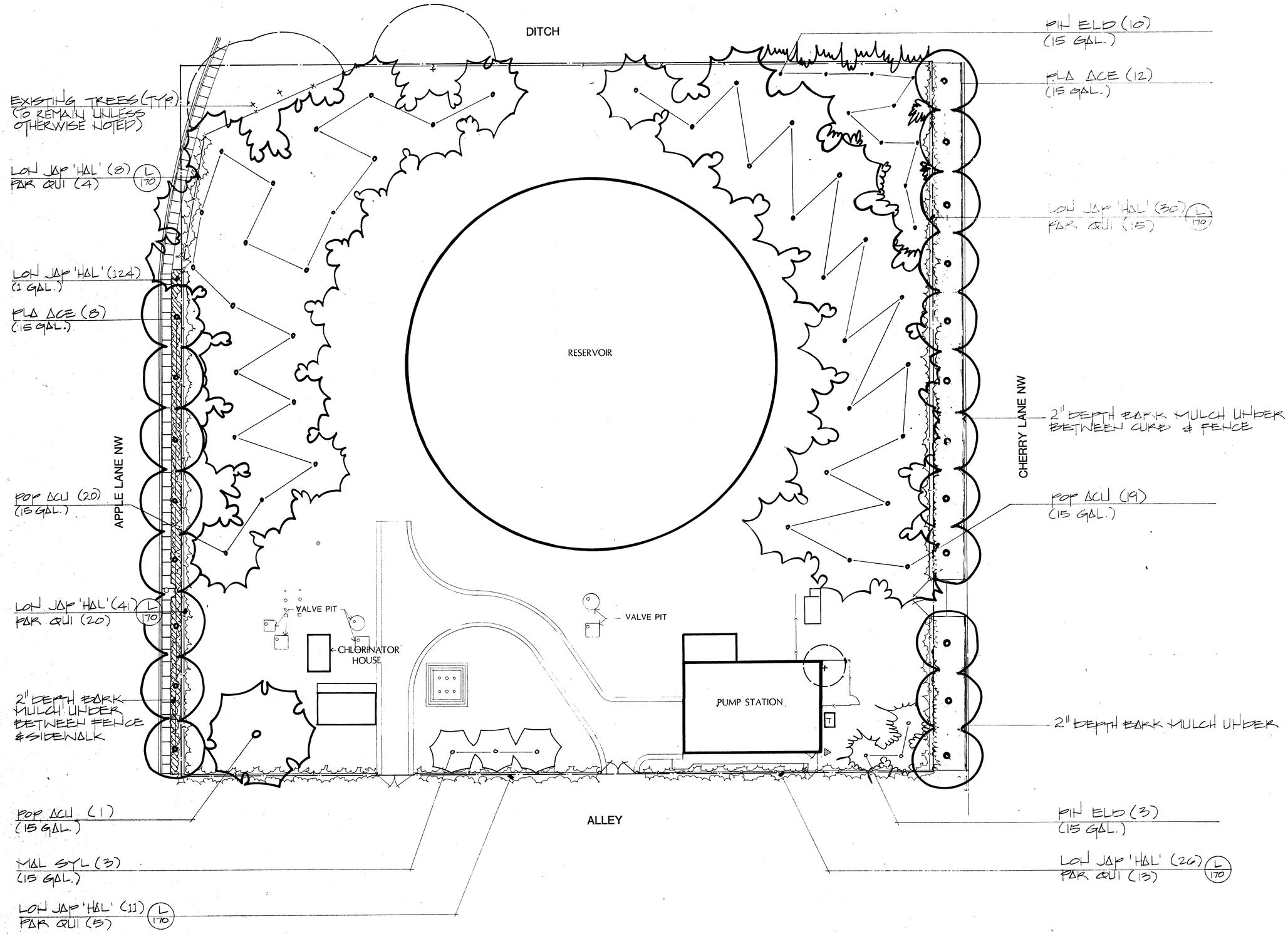
NOVEMBER 1986

DURANES RESERVOIR & PUMP STATION
1917 CHERRY LANE NW
IRRIGATION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 22 OF 172



NOTE:
New chlorine facilities and asphalt paving may be under construction (by others - NIC) during the construction of the landscape improvements described herein. The Contractor shall coordinate all proposed landscape demolition and construction with the on-going construction of the chlorine facilities and asphalt paving. The Contractor shall notify the Landscape Architect of any problems that may occur concerning the coordination of the two projects.

26 3097 238.6

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

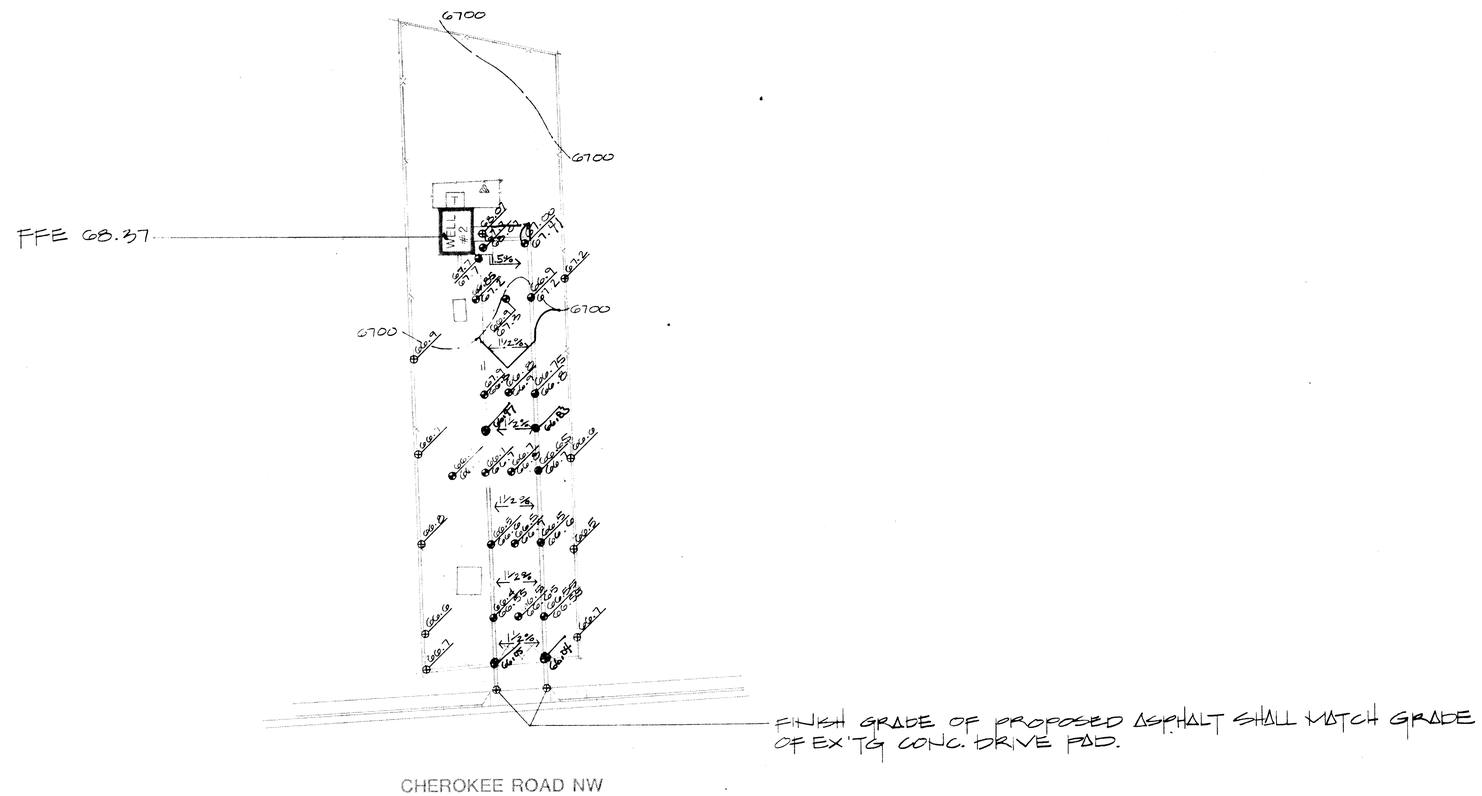
NOVEMBER 1986

DURANES RESERVOIR & PUMP STATION
1917 CHERRY LANE NW
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 23 OF 72



2.6. 3097. 2486

AS BUILT

SCALE 1"=20'-0"
0 10 20 40

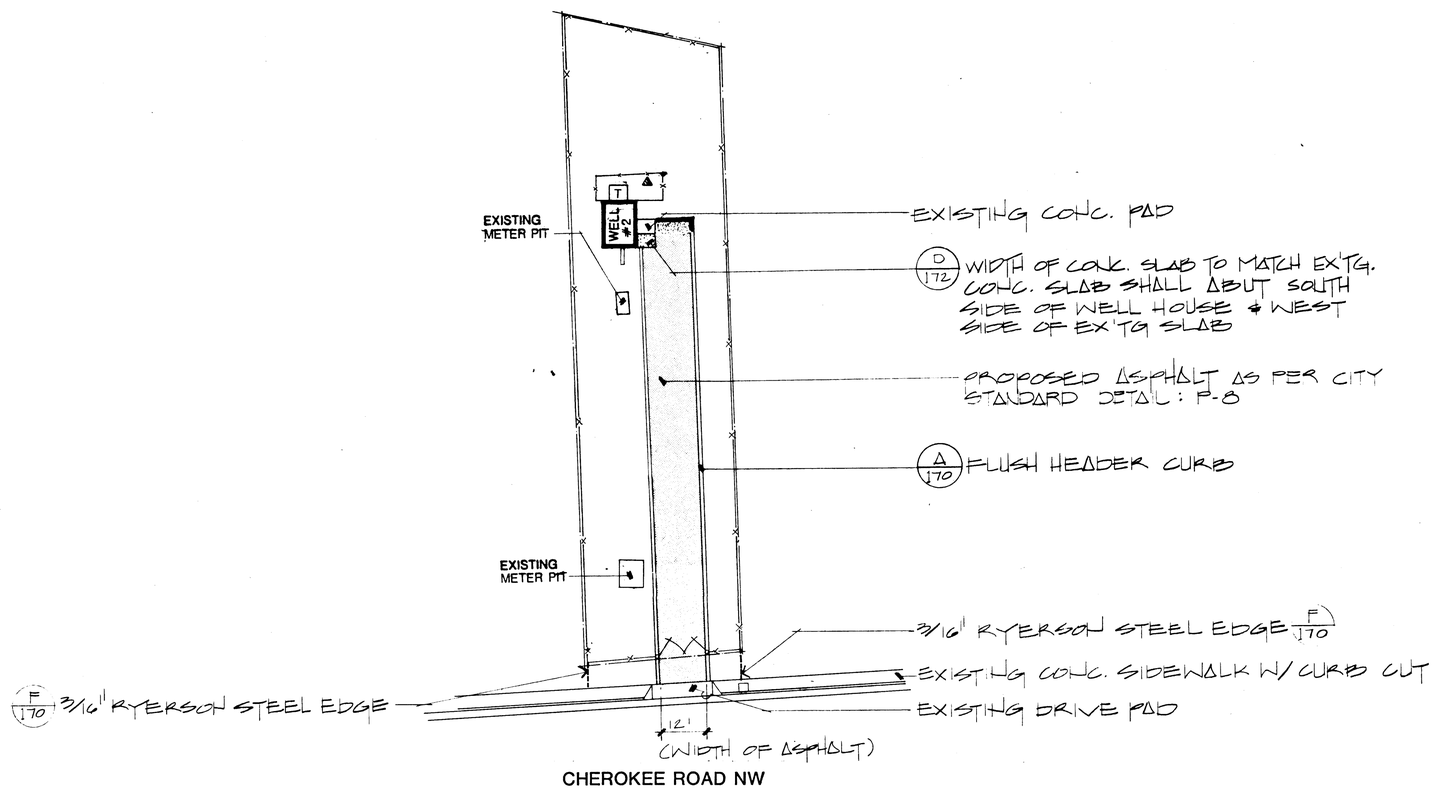
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

GREIGOS WELL #2
1954 CHEROKEE ROAD NW
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 27 OF 172



26 30 97 258.6

AS BUILT

SCALE 1"=20'-0"
0 10 20 40

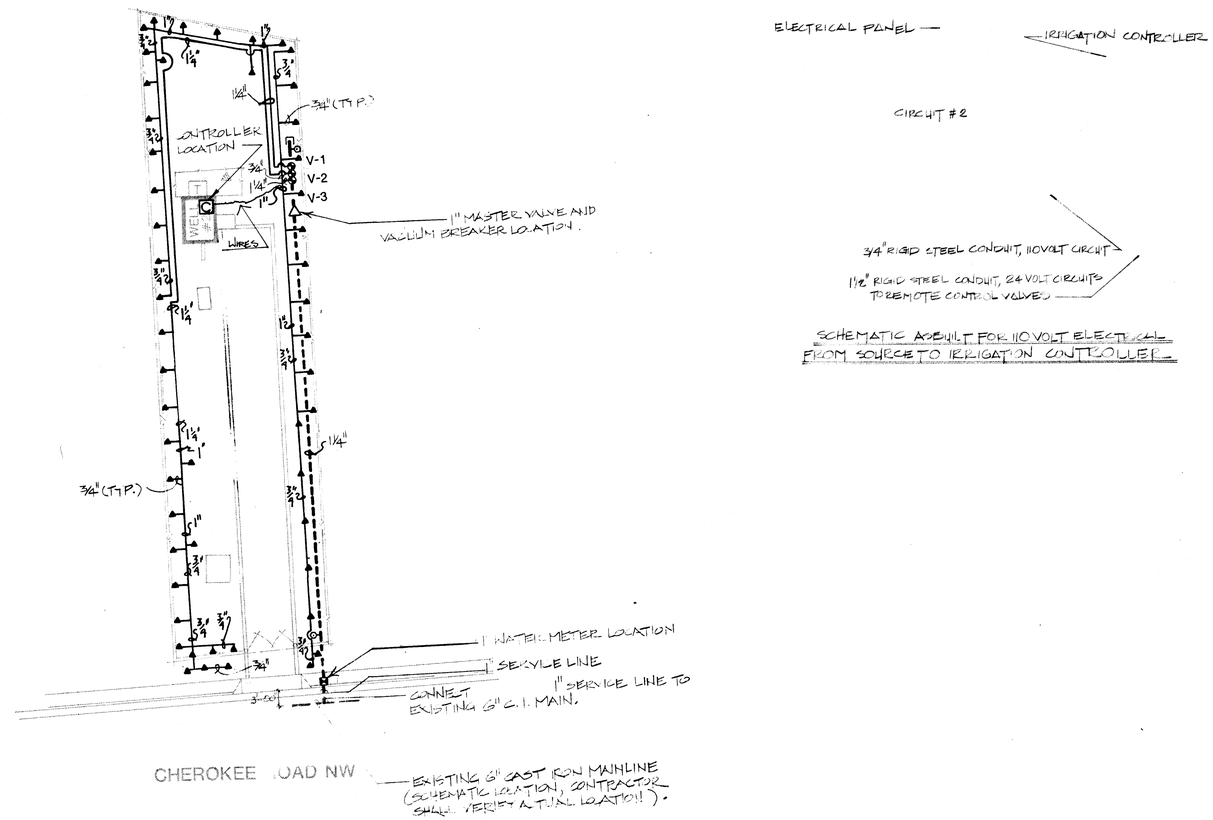
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

GREIGOS WELL #2
1954 CHEROKEE ROAD NW
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 28 OF 172



26 3097 2686

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

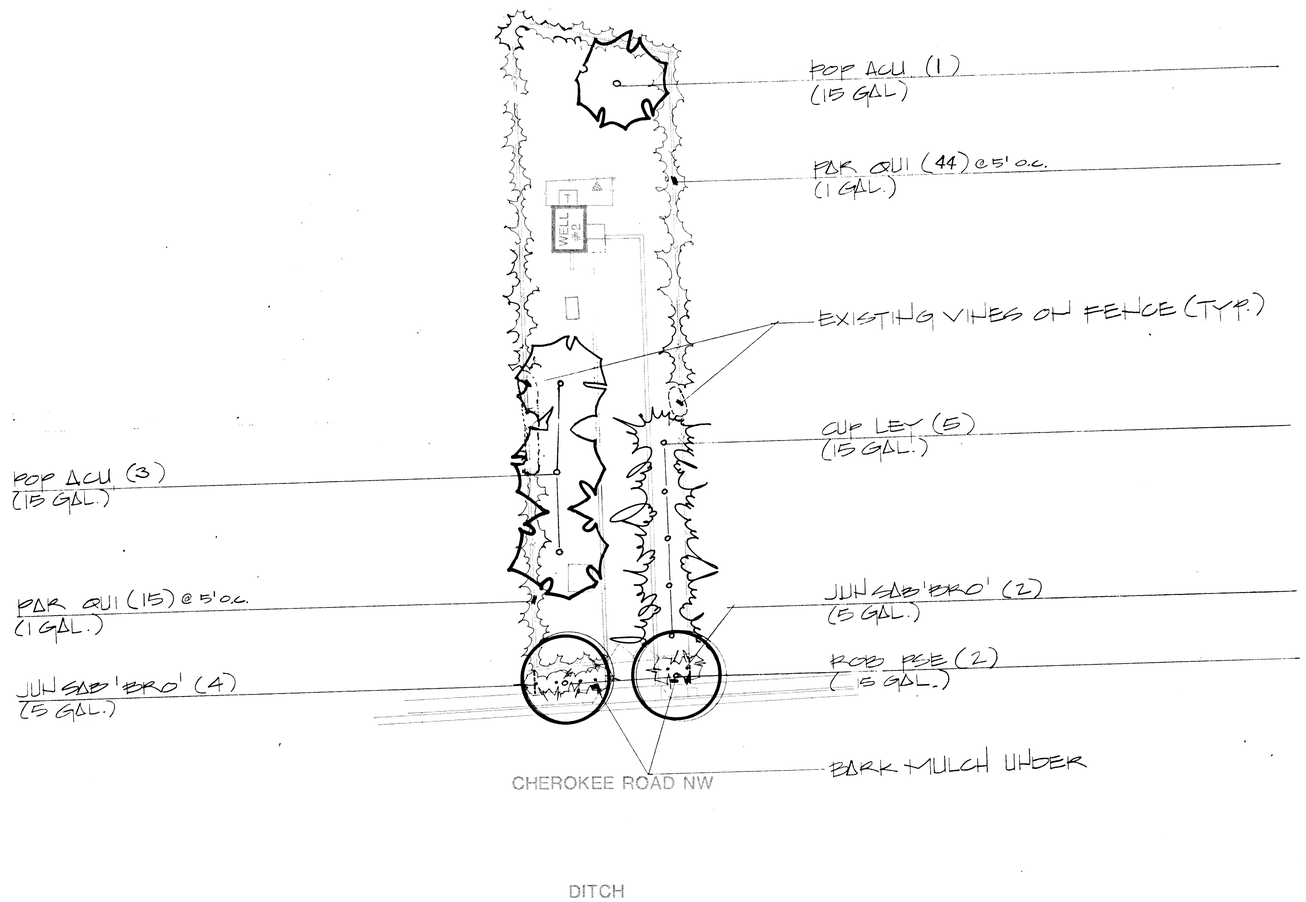
NOVEMBER 1986

AS BUILT

GREIGOS WELL #2
1954 CHEROKEE ROAD NW
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 29 OF 172



2.6 3.097 2.786

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

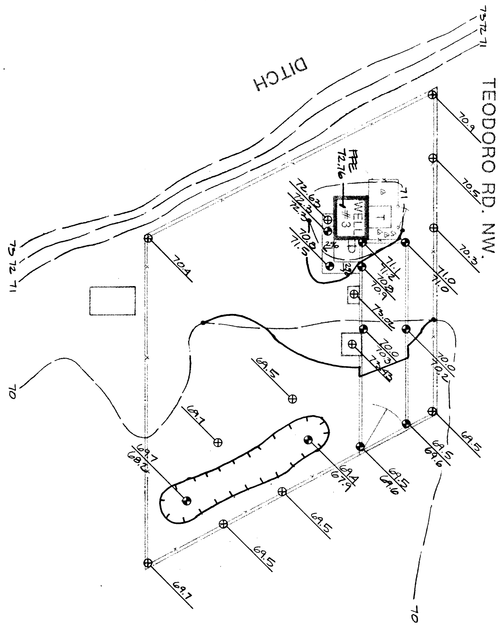
NOVEMBER 1986

AS BUILT

GREIGOS WELL #2
1954 CHEROKEE ROAD NW
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
38
of
172



SCALE 1"=20'-0"

0 10 20 40

NORTH

26 3097 2886

SHEET 31 of 172

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

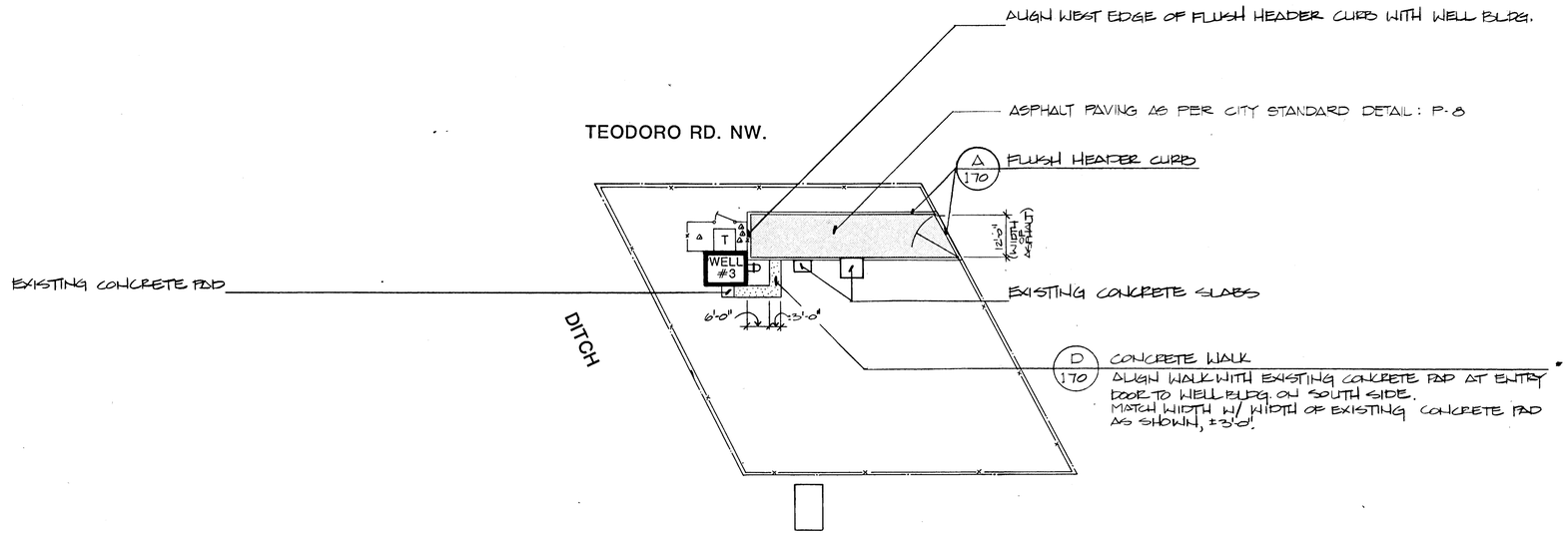
GRIEGOS WELL #3
2322 TEODORO ROAD NW
GRADING PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

STATE OF NEW MEXICO
BARRY MORROW
NO. 2
REGISTERED
LANDSCAPE ARCHITECT



26 3097 2986

SCALE 1"=20'-0"

0 10 20 40

NORTH

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

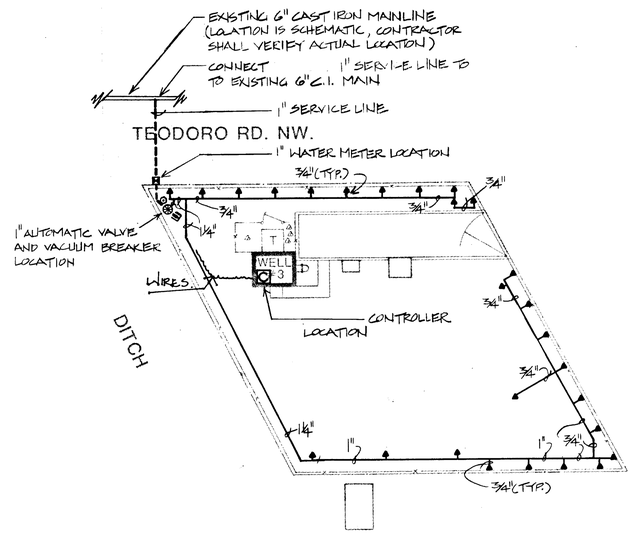
NOVEMBER 1986

AS BUILT

GRIEGOS WELL #3
2322 TEODORO ROAD NW
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 32 OF 172



ELECTRICAL PANEL

IRRIGATION CONTROLLER

CIRCUIT #1

3/4" RIGID STEEL CONDUIT, 110 VOLT CIRCUIT

1 1/2" RIGID STEEL CONDUIT, 24 VOLT CIRCUITS TO REMOTE CONTROL VALVES

SCHEMATIC AS-BUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

26 30.97 30.86

SCALE 1"=20'-0"

0 10 20 40

NORTH

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

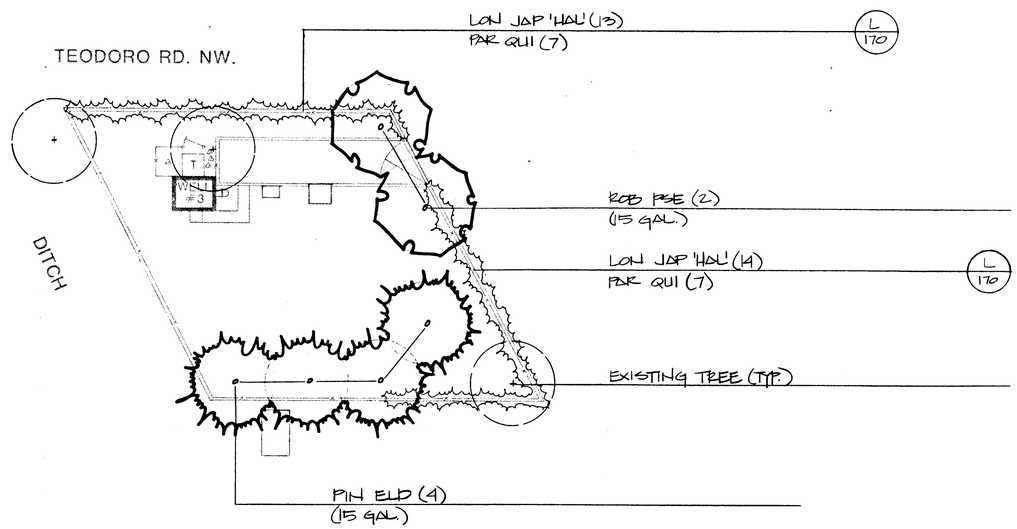
NOVEMBER
1986

AS BUILT

GRIEGOS WELL #3
2322 TEODORO ROAD NW
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
33
of
172



2.6 3097 3186

SCALE 1"=20'-0"

0 10 20 40

NORTH

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER
1986

AS BUILT

GRIEGOS WELL #3
2322 TEODORO ROAD NW
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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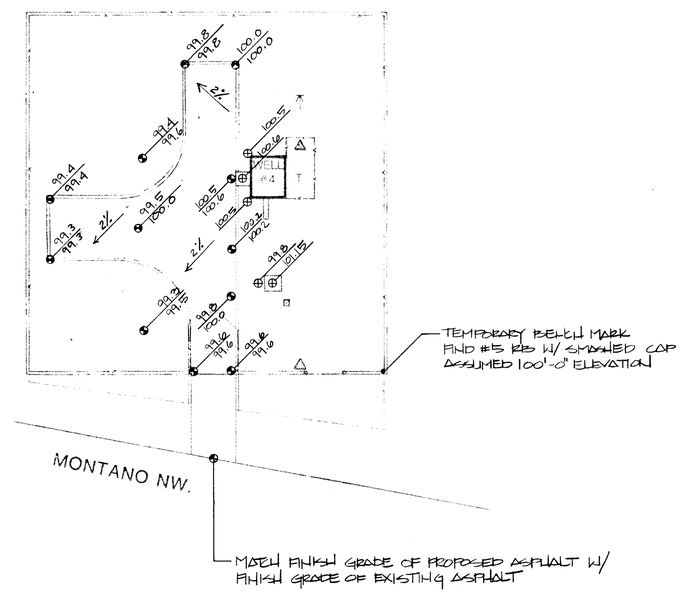
OF
172



26 3097 3286

SCALE 1"=20'-0"

0 10 20 40

SHEET 1 of 2

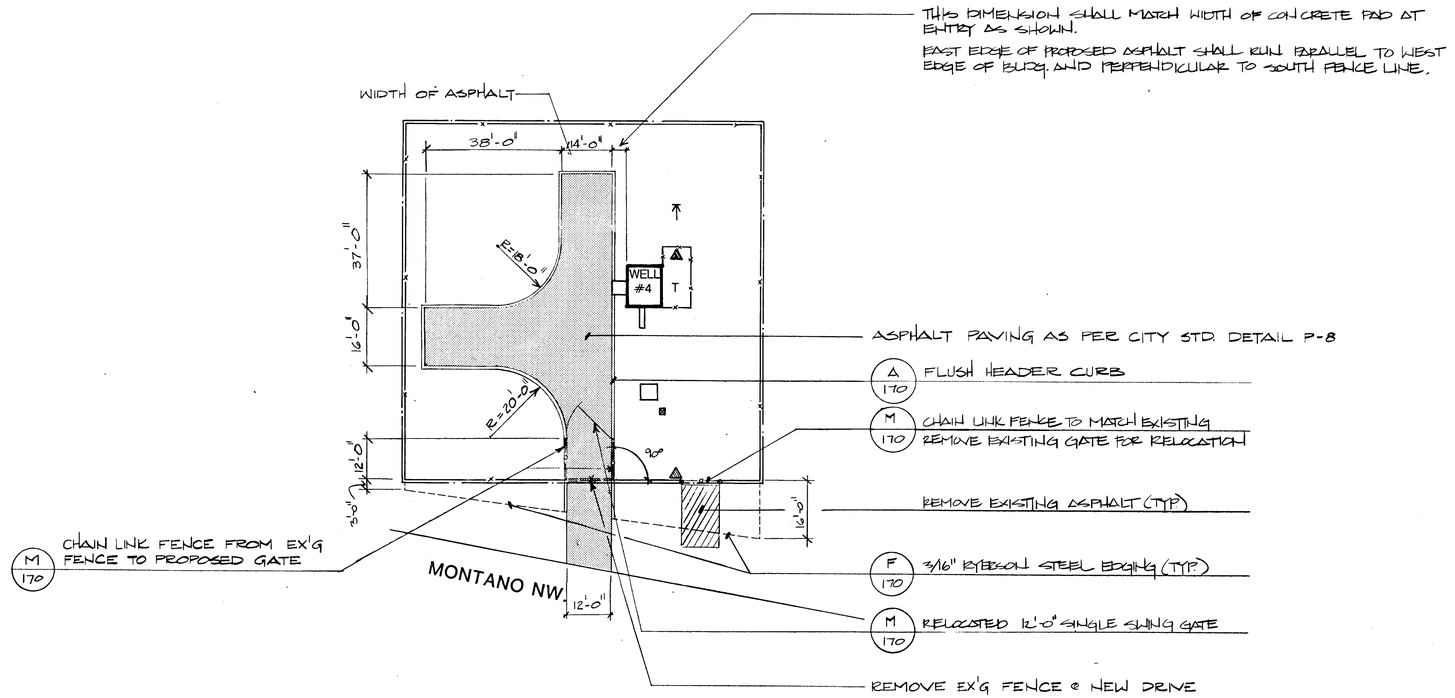
LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

GRIEGOS WELL #4
1105 MONTANO RD NW
GRADING PLAN

NOVEMBER
1986

AS BUILT

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266



26 30.97 3386

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

GRIEGOS WELL #4
1105 MONTANO RD NW
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
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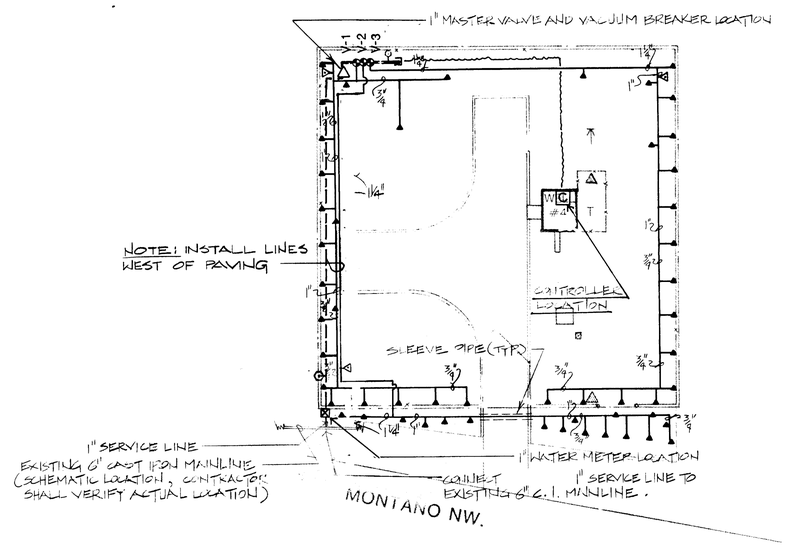
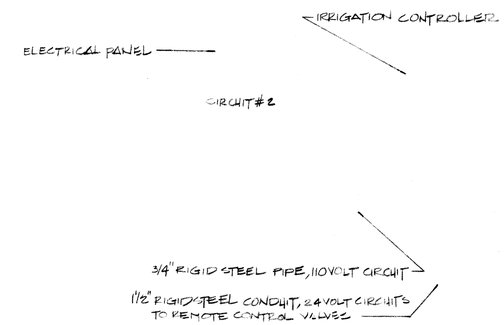
of
72





SCHEMATIC ASBUILT FOR 110VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2265

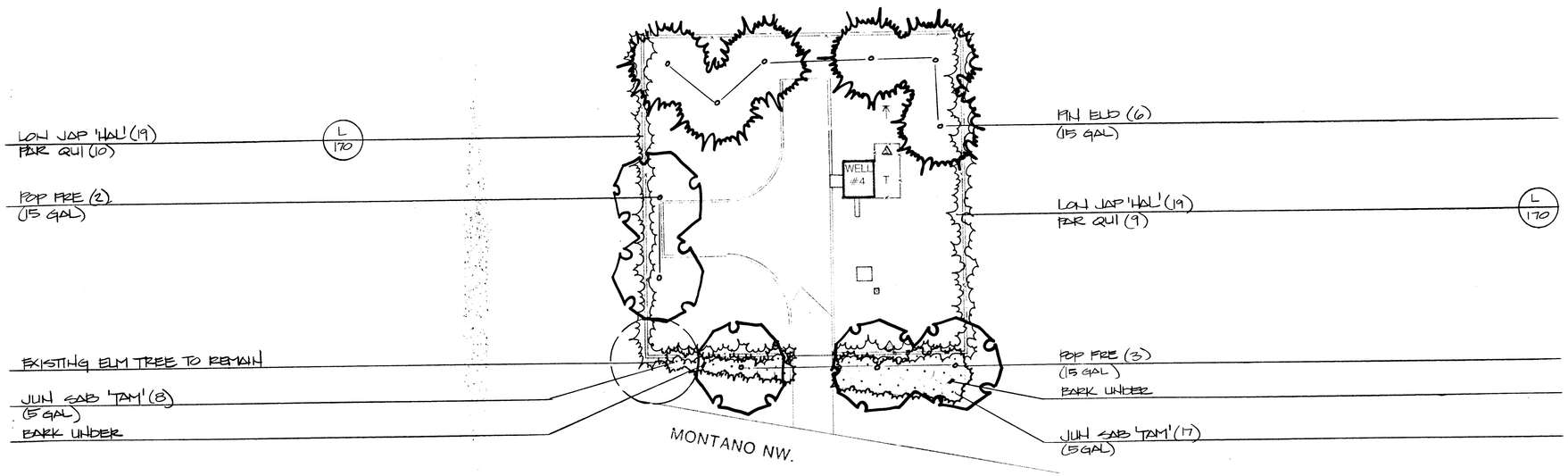
NOVEMBER 1986

AS BUILT

GRIEGOS WELL #4
1105 MONTANO RD NW
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 37 OF 172



2.6 3097 3586

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER
1986

AS BUILT

GRIEGOS WELL #4
1105 MONTANO RD NW
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
38
of
172

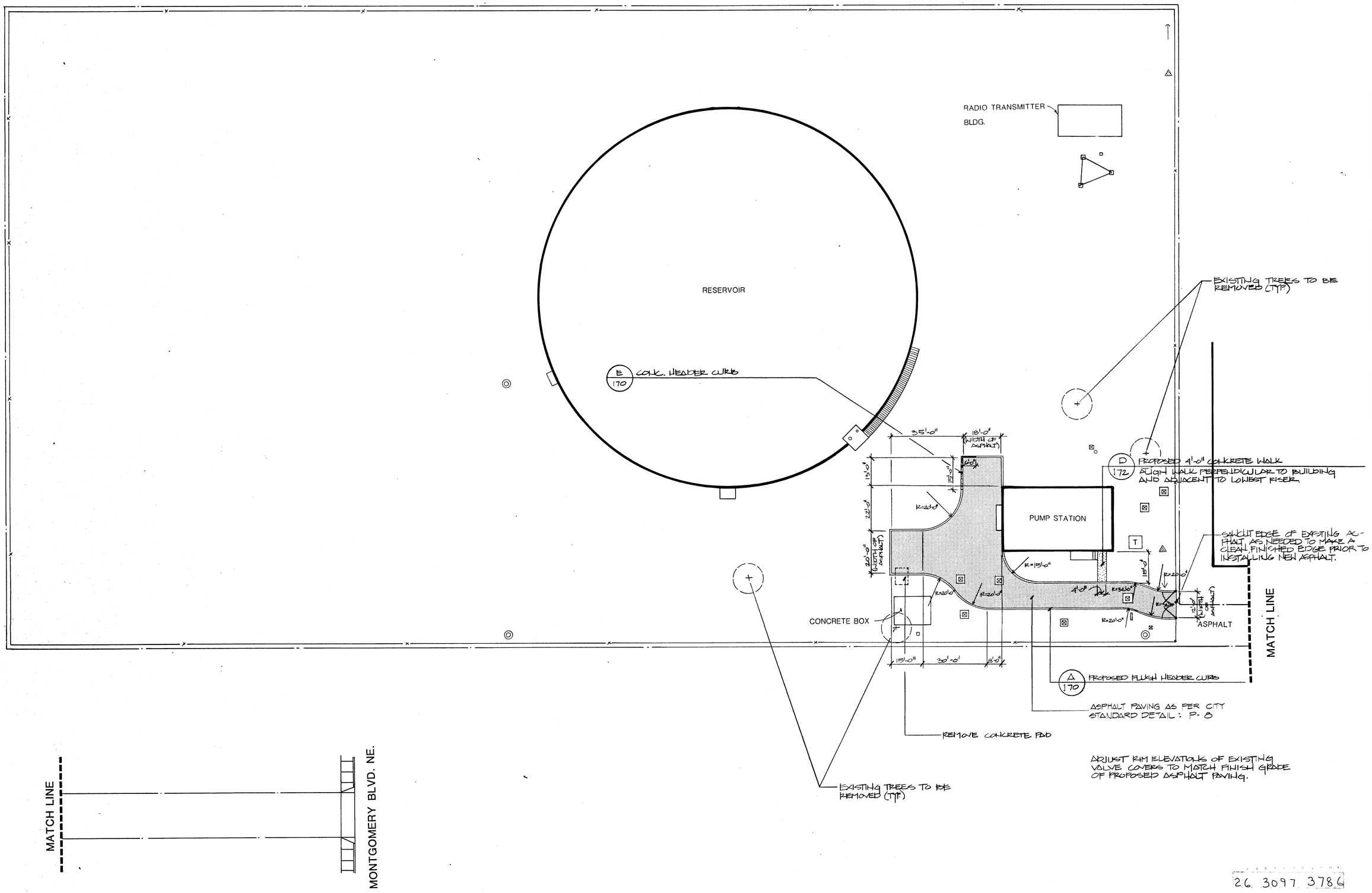
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

GUTIERREZ RESERVOIR & PUMP STATION
11523 MONTGOMERY BLVD.
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO



MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

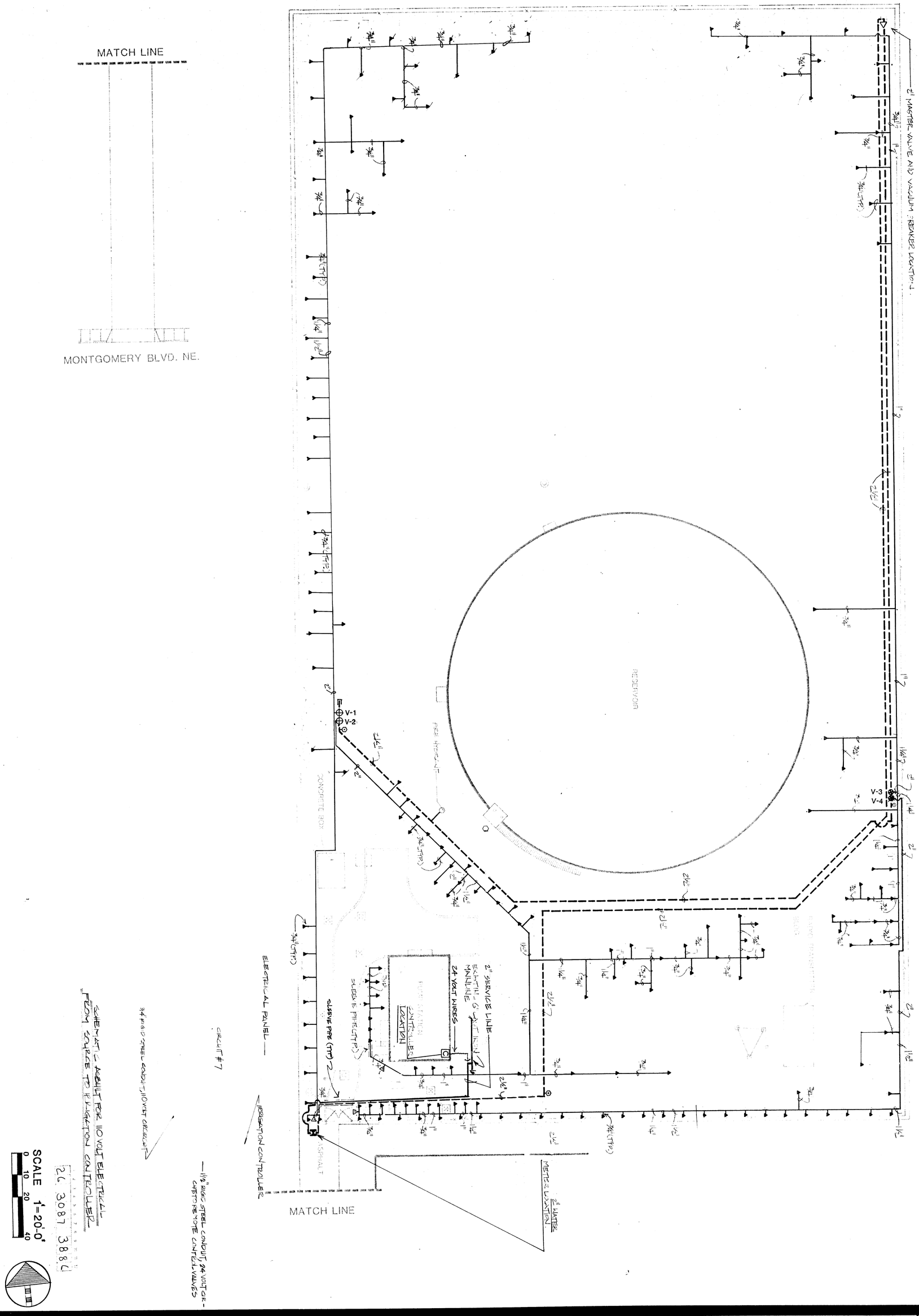
NOVEMBER 1986

AS BUILT

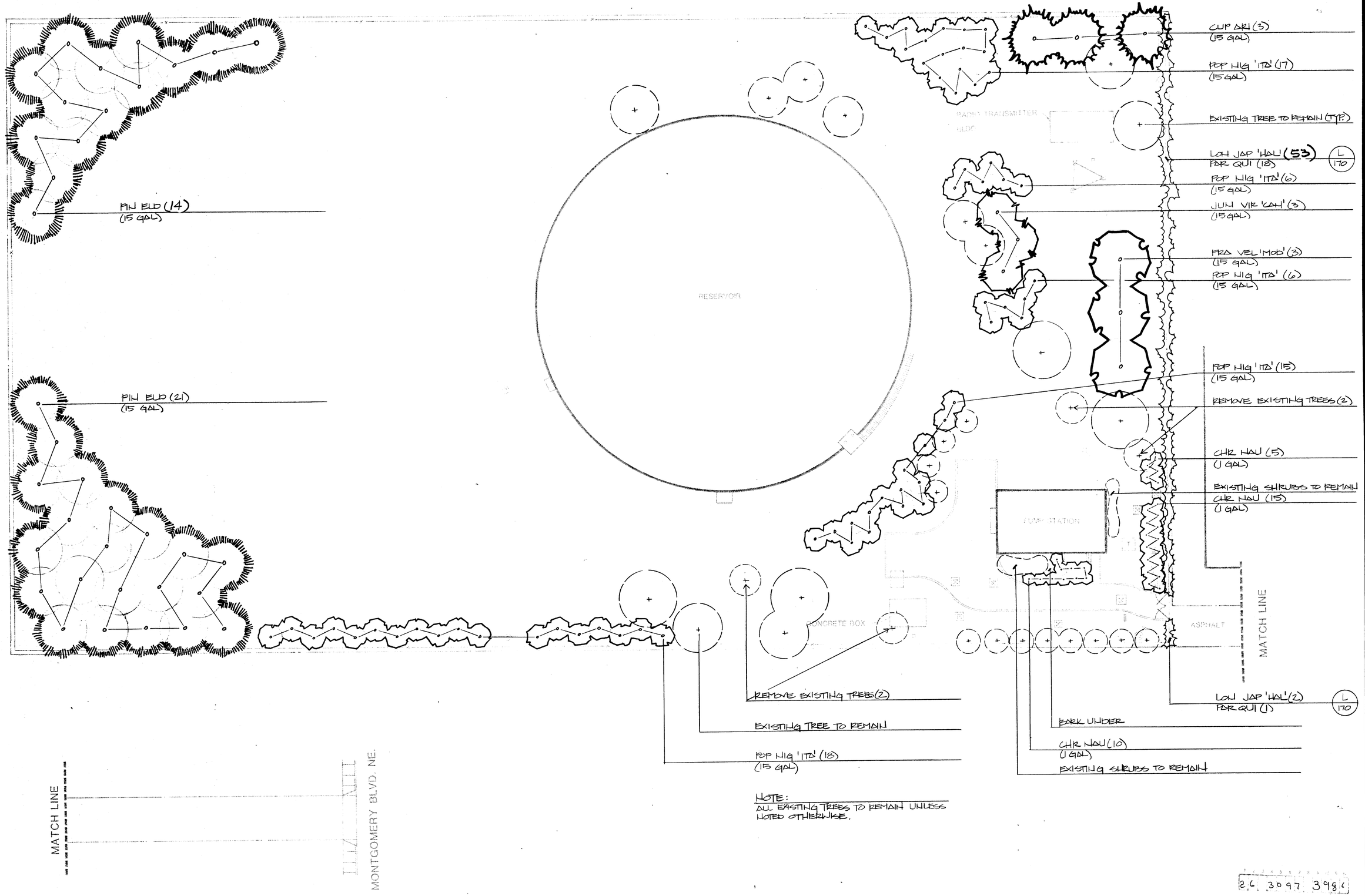
GUTIERREZ RESERVOIR & PUMP STATION
11523 MONTGOMERY BLVD.
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 18 of 172



SHEET 4 of 12	LANDSCAPING IMPROVEMENTS FOR **WATER SYSTEM FACILITY SITES** WATER SYSTEMS DIVISION CITY OF ALBUQUERQUE ALBUQUERQUE, NEW MEXICO	GUTIERREZ RESERVOIR & PUMP STATION 11523 MONTGOMERY BLVD. IRRIGATION PLAN **AS BUILT**	NOVEMBER 1986	MORROW & COMPANY LANDSCAPE ARCHITECTS 210 La Veta Drive NE Albuquerque, New Mexico 87108 505-268-2266



NOTE:
ALL EXISTING TREES TO REMAIN UNLESS NOTED OTHERWISE.

2.6 3097 3986

SCALE 1"=20'-0"
0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

GUTIERREZ RESERVOIR & PUMP STATION
11523 MONTGOMERY BLVD.
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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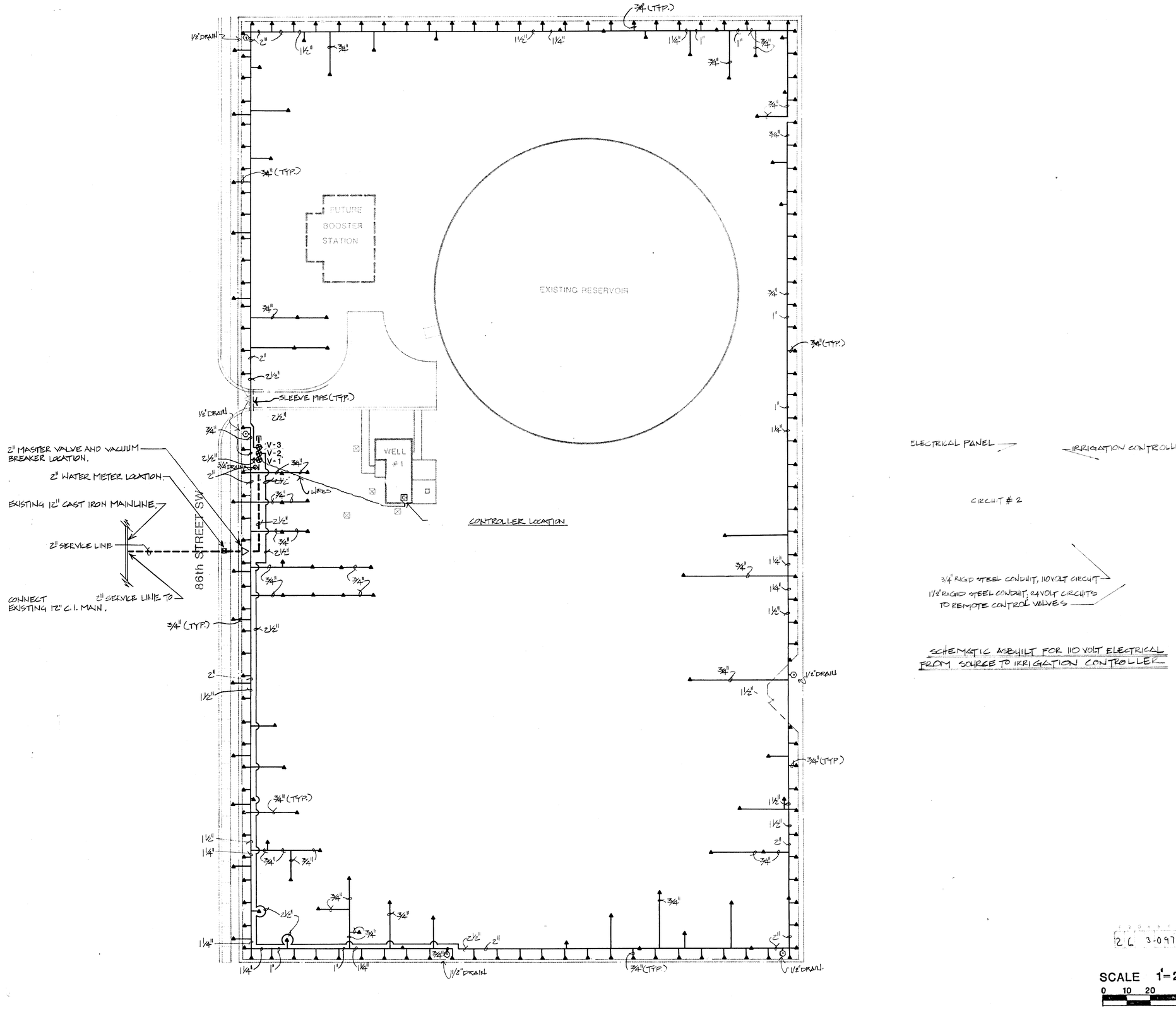
42
OF
172



26 3-097 4086

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

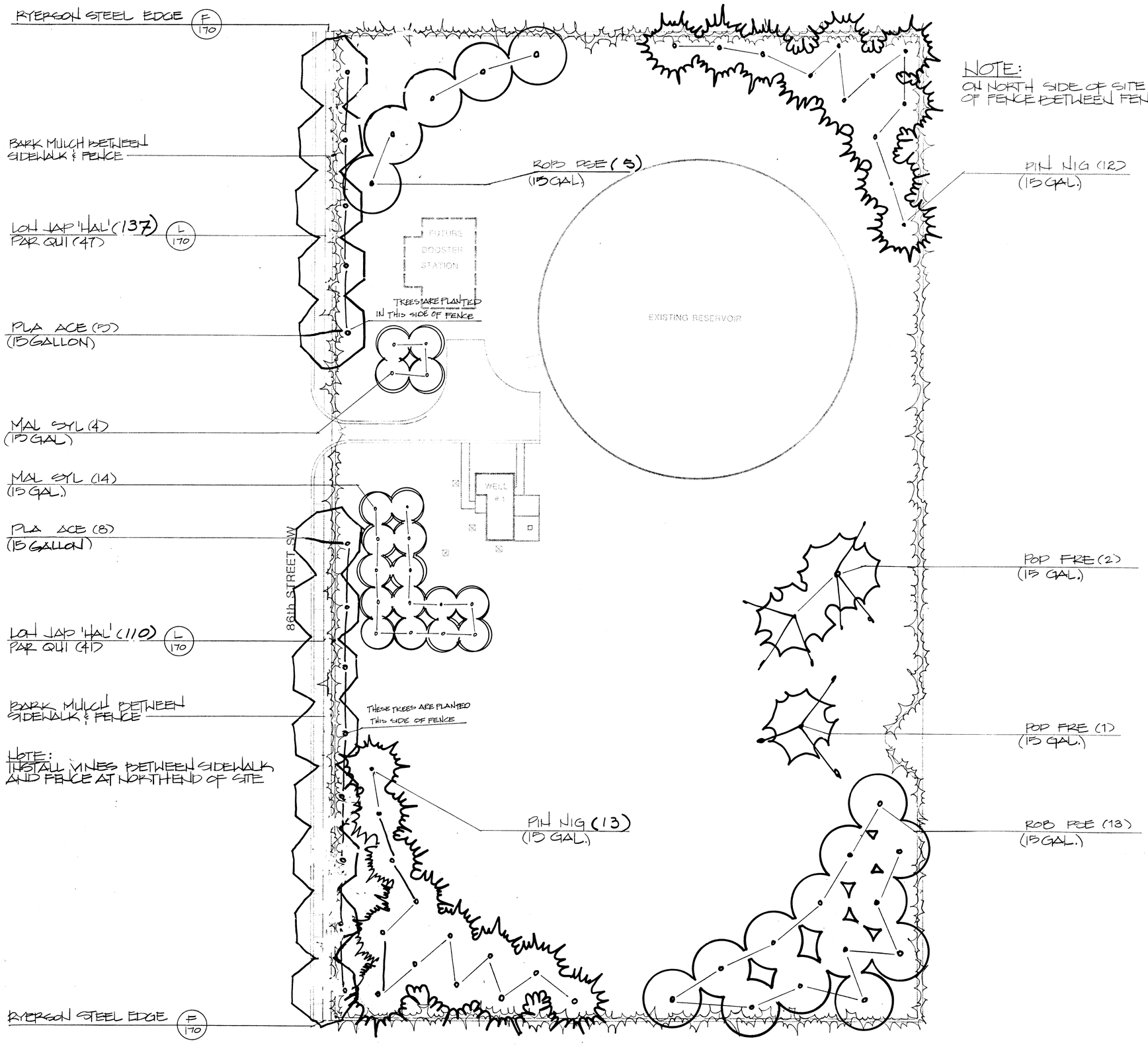
NOVEMBER 1986

LEAVITT WELL #1 & RESERVOIR
1320 86th STREET SW
IRRIGATION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 40 of 172



NOTE:
ON NORTH SIDE OF SITE PLANT VINES IN FRONT OF FENCE BETWEEN FENCE AND SIDEWALK.

26 3097 4186

SCALE 1"=20'-0"
0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

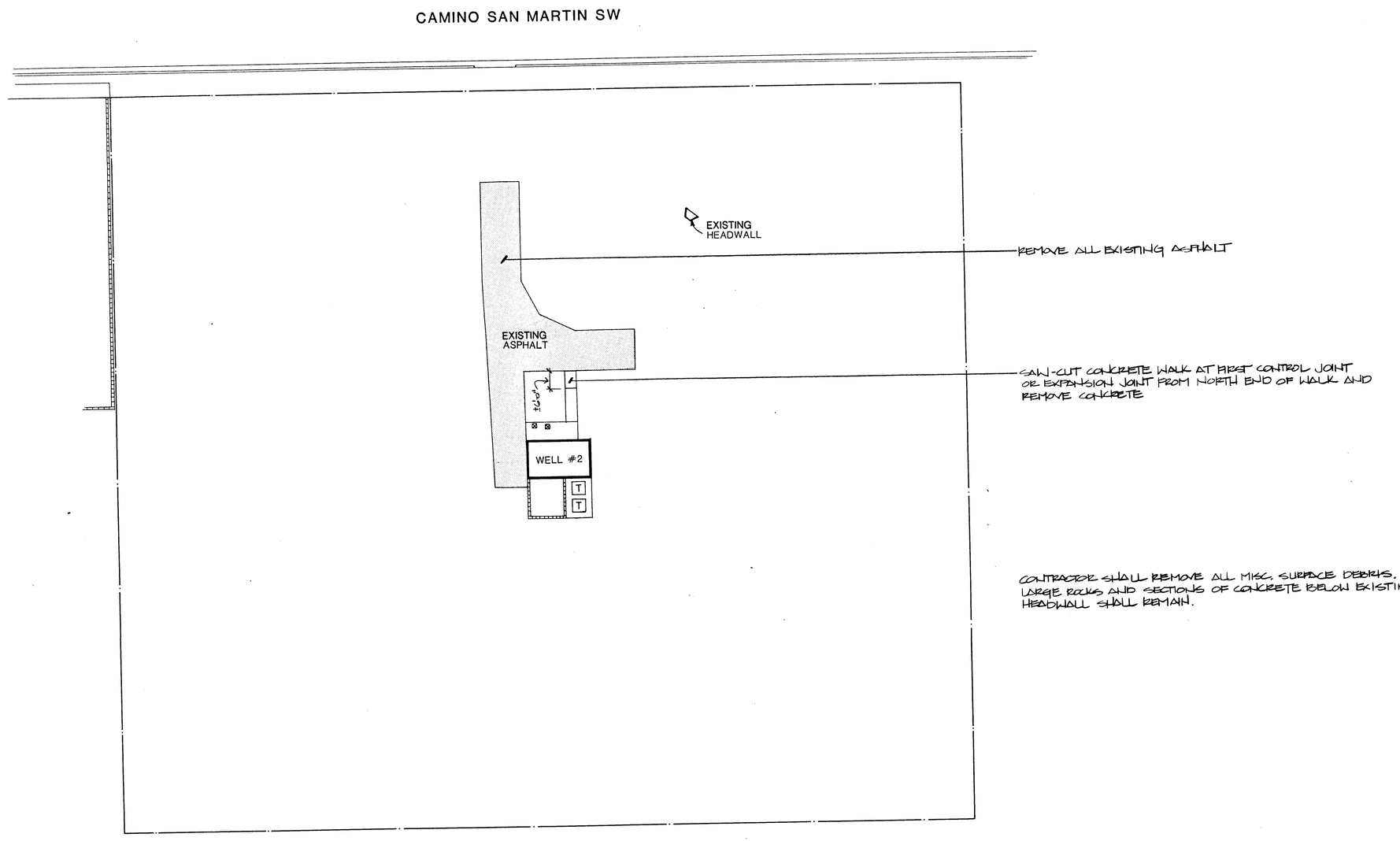
NOVEMBER 1986

AS BUILT

LEAVITT WELL #1 & RESERVOIR
1320 86th STREET SW
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 49 of 172



26 3097 4286

SCALE 1" 20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

LEAVITT WELL #2
8404 CAMINO SAN MARTIN SW

DEMOLITION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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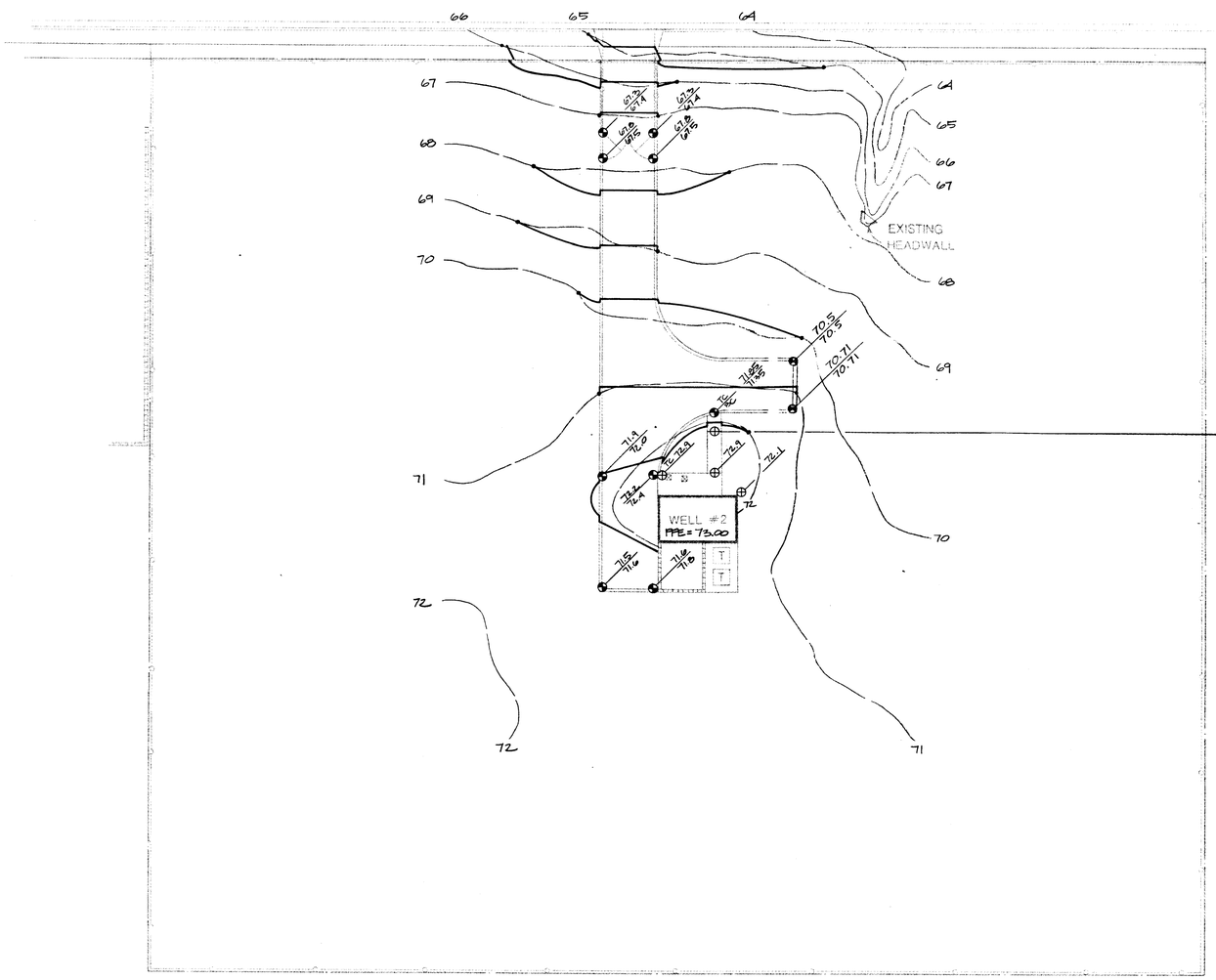
OF
172

CAMINO SAN MARTIN SW



26 30.97 438.6

SCALE 1" 20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

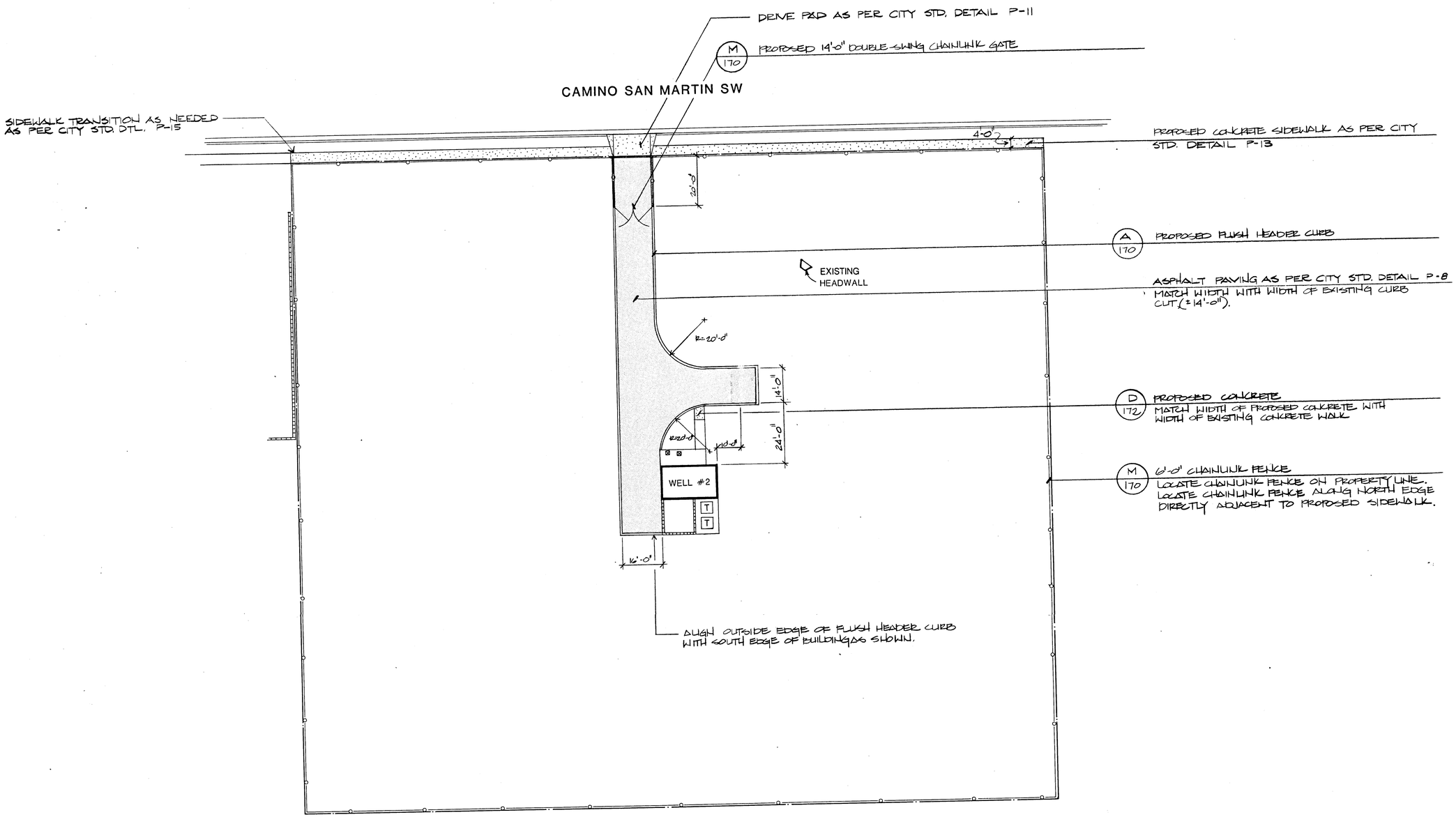
NOVEMBER 1986

AS BUILT

LEAVITT WELL #2
8404 CAMINO SAN MARTIN SW
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 51 of 72



26 3097 4486

SCALE 1" 20'-0"
0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

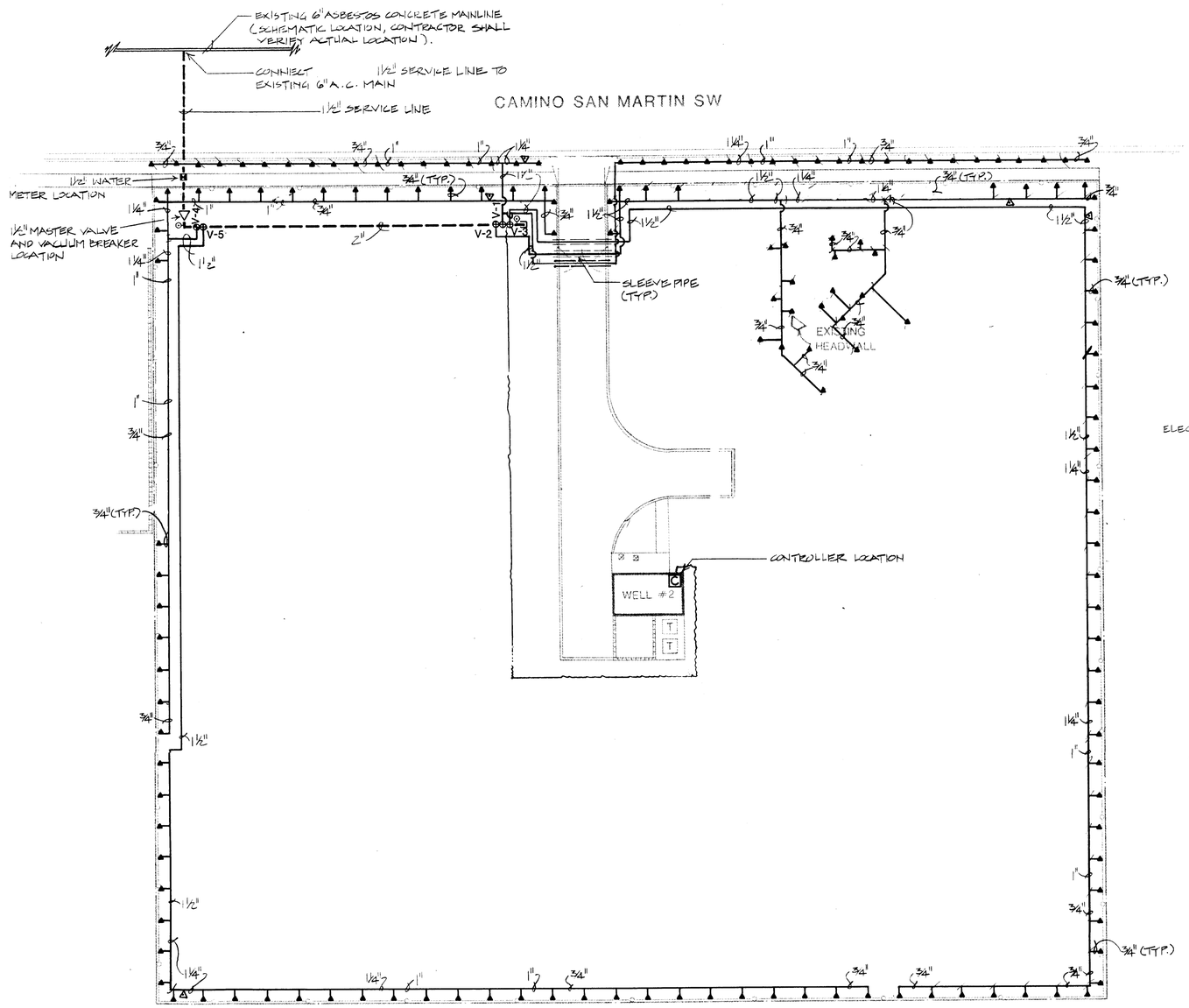
NOVEMBER 1986

AS BUILT

LEAVITT WELL #2
8404 CAMINO SAN MARTIN SW
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
52 of 172



ELECTRICAL PANEL

CIRCUIT #2

IRRIGATION CONTROLLER

¾" RIGID STEEL CONDUIT, 110 VOLT CIRCUIT

1½" RIGID STEEL CONDUIT, 24 VOLT CIRCUIT TO REMOTE CONTROL VALVES.

SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

26 3097 4586

SCALE 1" 20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

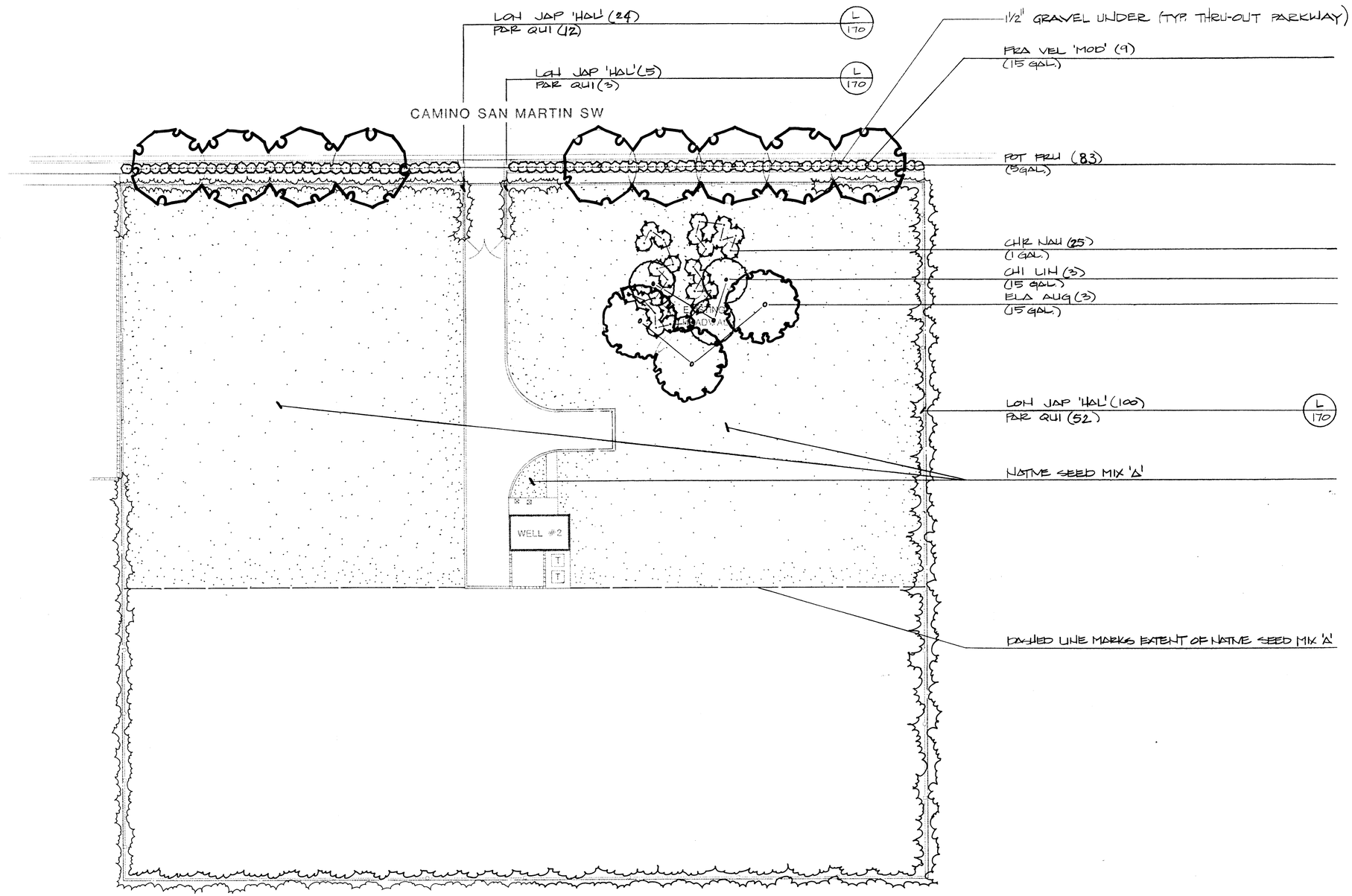
NOVEMBER 1986

AS BUILT

LEAVITT WELL #2
8404 CAMINO SAN MARTIN SW
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 38 OF 72



26 30 97 46 86

SCALE 1" 20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

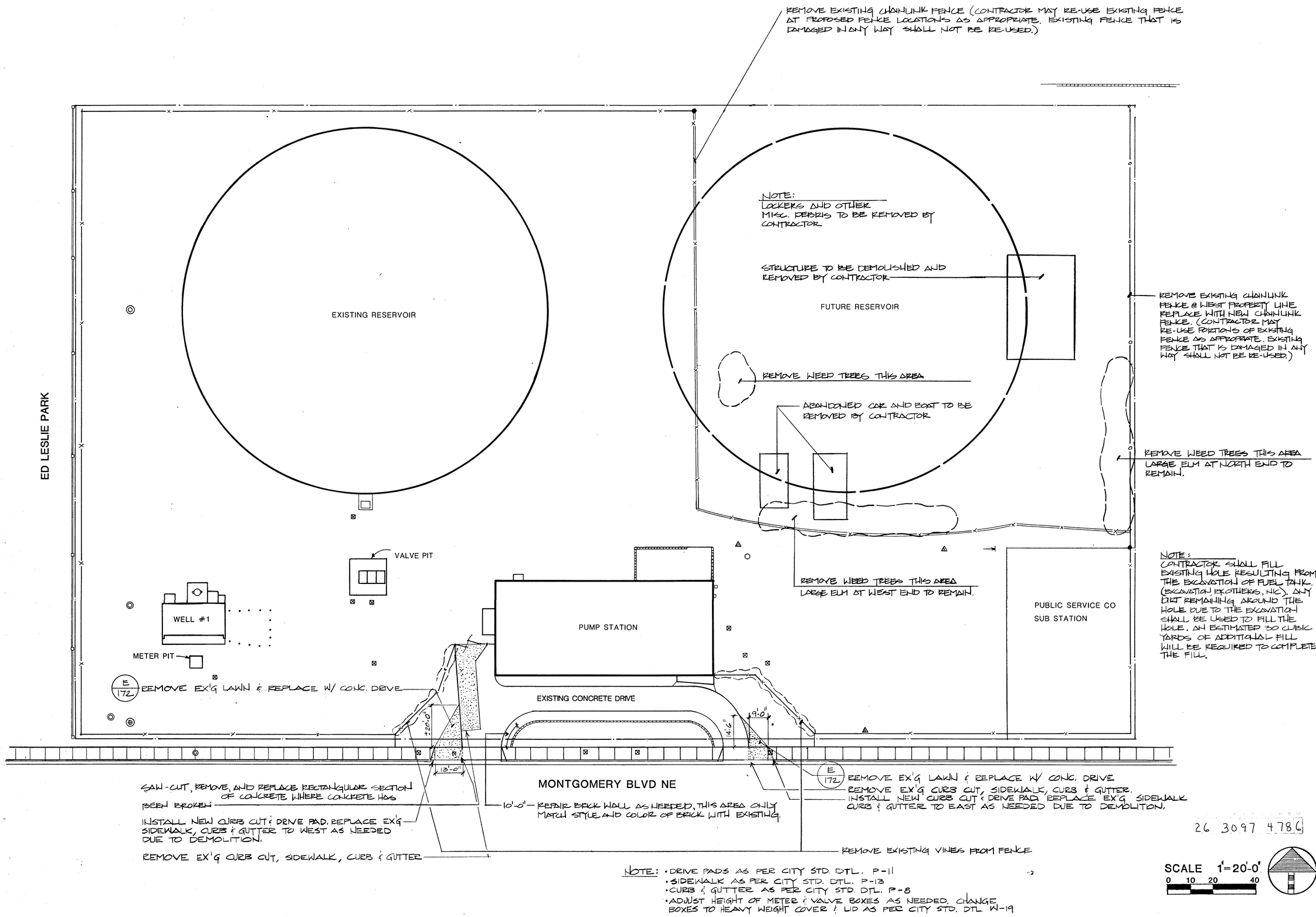
NOVEMBER
1986

AS BUILT

LEAVITT WELL #2
8404 CAMINO SAN MARTIN SW
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
54
of
172



NOTE:
- DRIVE PADS AS PER CITY STD. DTL. P-11
- SIDEWALK AS PER CITY STD. DTL. P-13
- CURB & GUTTER AS PER CITY STD. DTL. P-8
- ADJUST HEIGHT OF METER & VALVE BOXES AS NEEDED. CHANGE BOXES TO HEAVY WEIGHT COVER & LID AS PER CITY STD. DTL. W-19

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

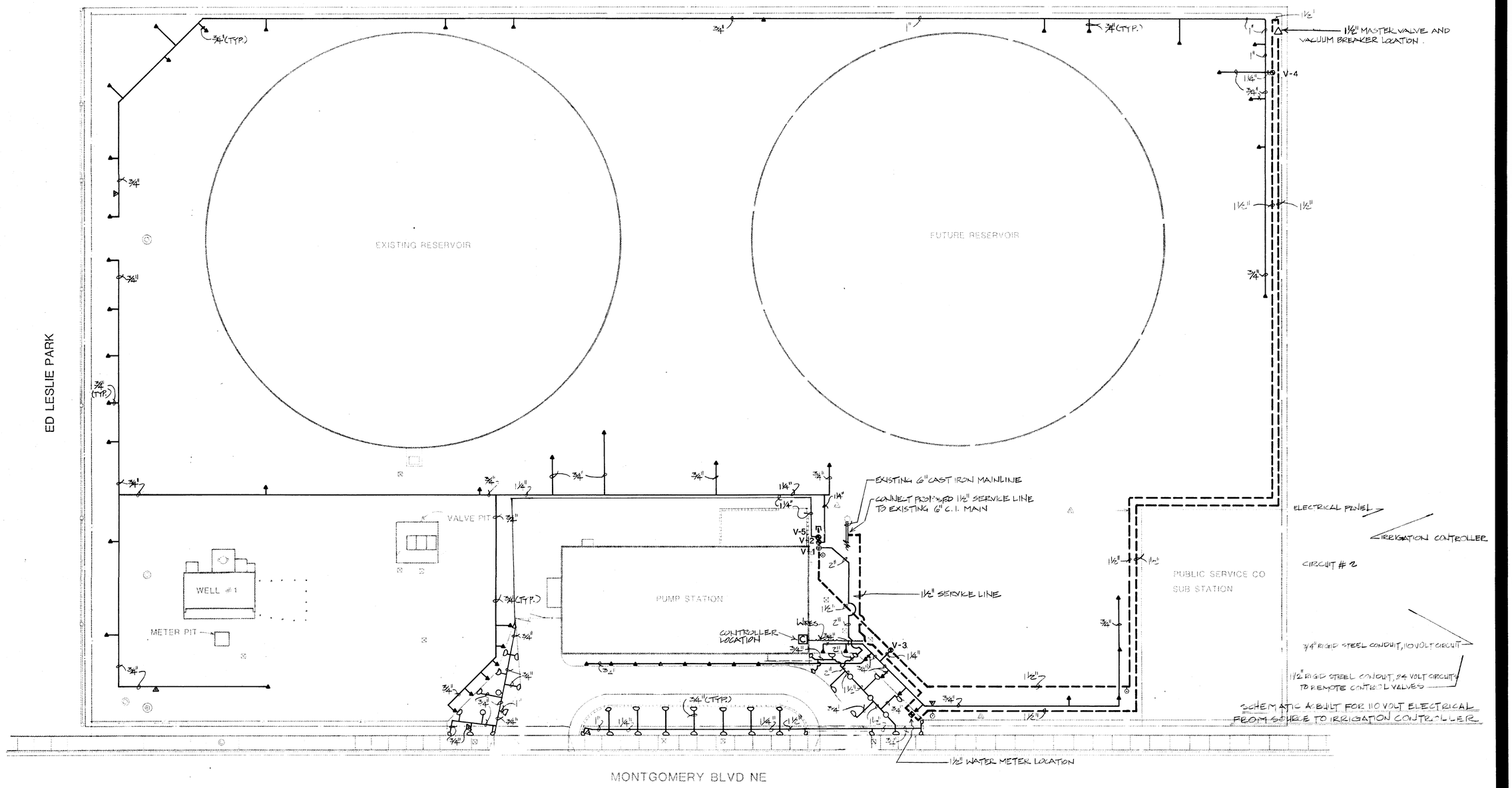
NOVEMBER 1986

AS BUILT

LEYENDECKER WELL #1 & RESERVOIR
6901 MONTGOMERY BLVD. NE
DEMOLITION PLAN/CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 55 OF 172



26 3097 4886

SCALE 1"=20'-0"
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MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

LEYENDECKER WELL #1 & RESERVOIR
6901 MONTGOMERY BLVD. NE
IRRIGATION PLAN
AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 56 OF 172

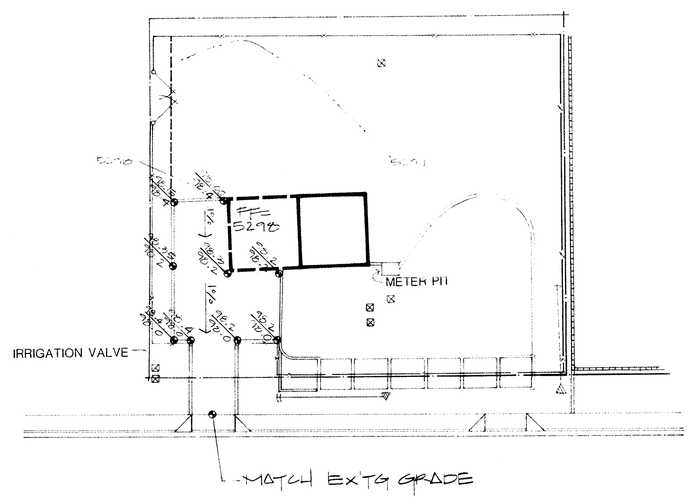
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

LEYENDECKER WELL #1 & RESERVOIR
6901 MONTGOMERY BLVD. NE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO



LOUISIANA BLVD. N.E.

26 3097 5086

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

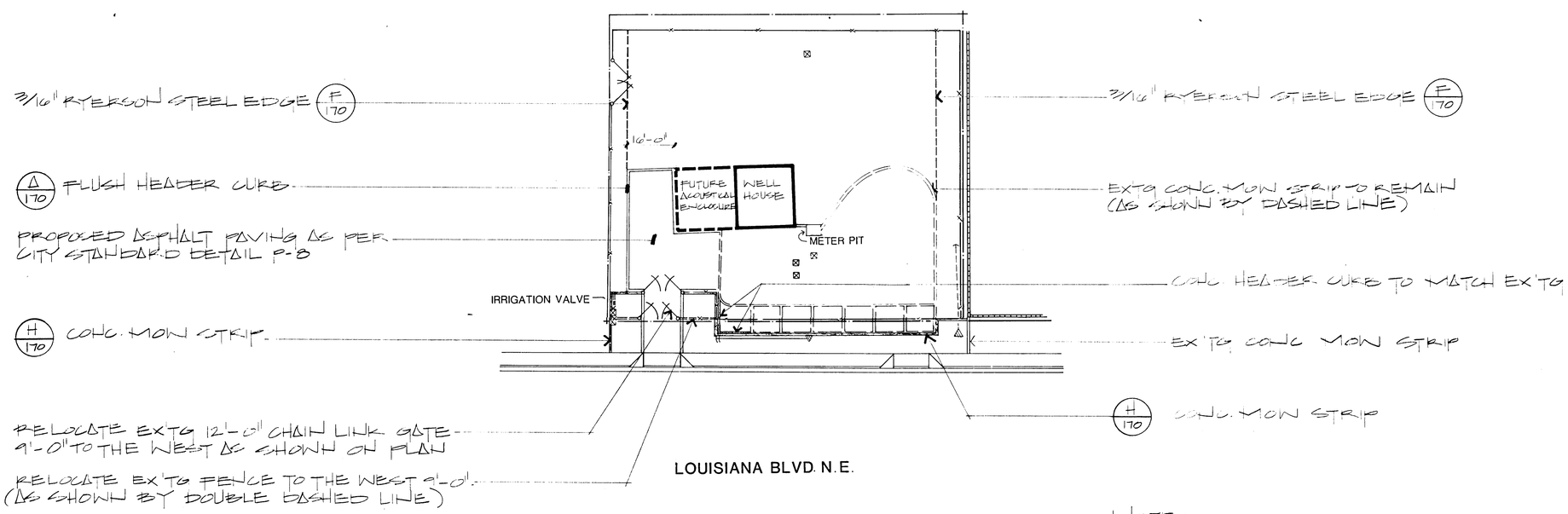
NOVEMBER
1986

AS BUILT

LEYENDECKER WELL #2
3617 LOUISIANA BLVD. NE
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
88
of
172



NOTE:
FOR DEMOLTION OF PLANT MATERIAL SEE PLANTING PLAN

26 3097 5186

SCALE 1"=20'-0"
0 10 20 40

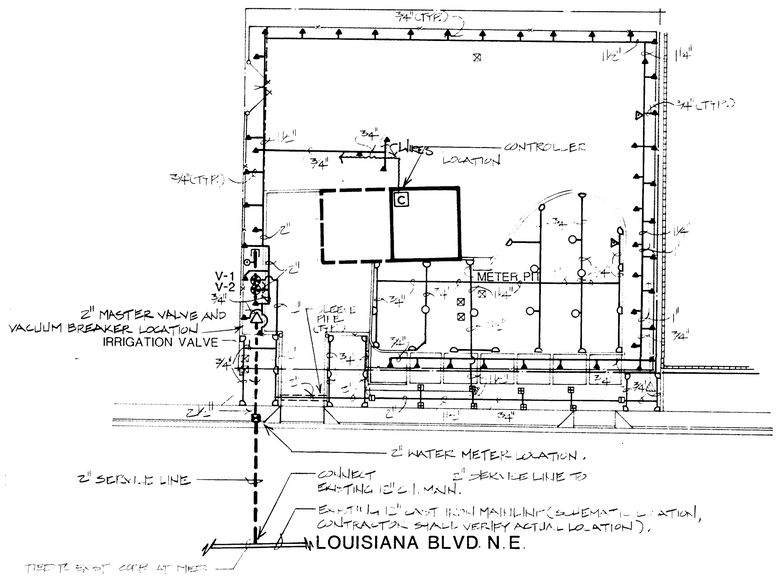
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

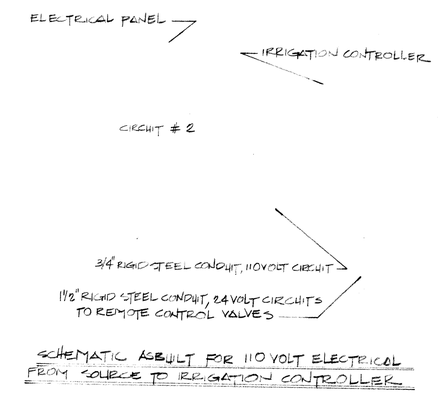
AS BUILT

LEYENDECKER WELL #2
3617 LOUISIANA BLVD. NE
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO



NOTE: CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF EXISTING IRRIGATION EQUIPMENT.



SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER.

2:6 3097 5286

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

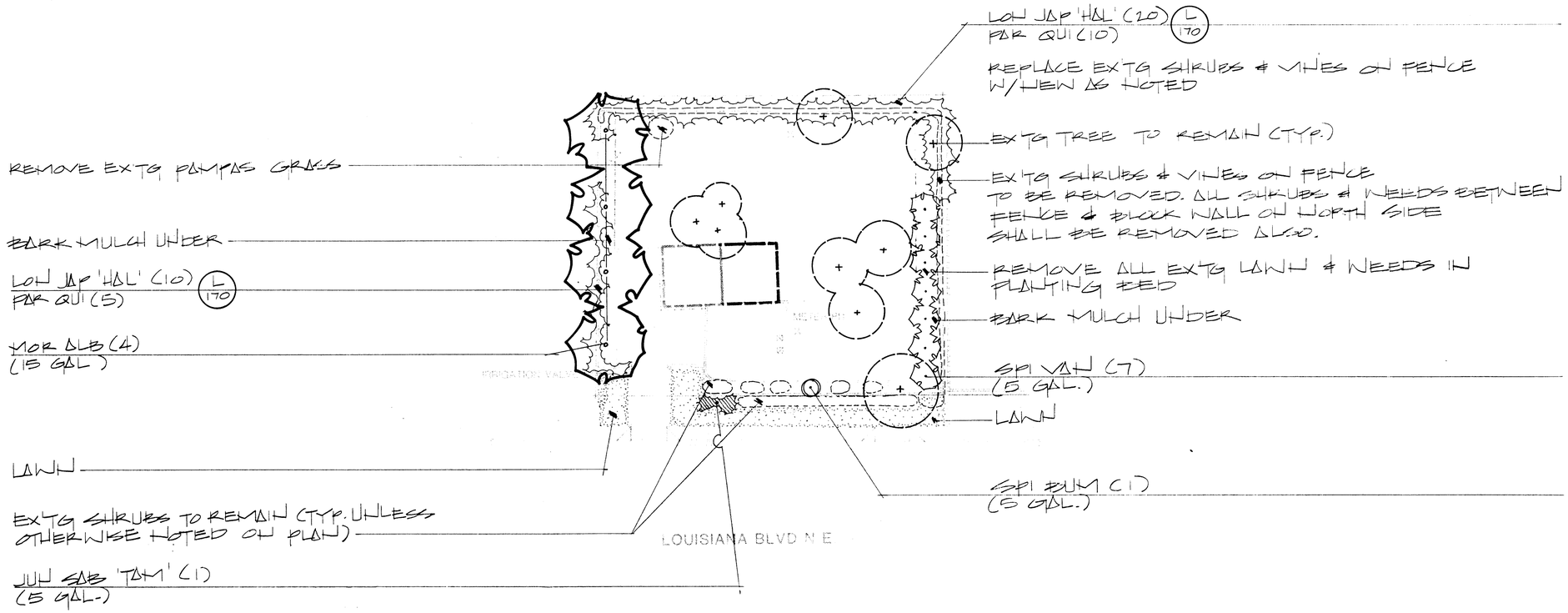
NOVEMBER 1986

AS BUILT

LEYENDECKER WELL #2
3617 LOUISIANA BLVD. NE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 9 of 12



26 3097 5386

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

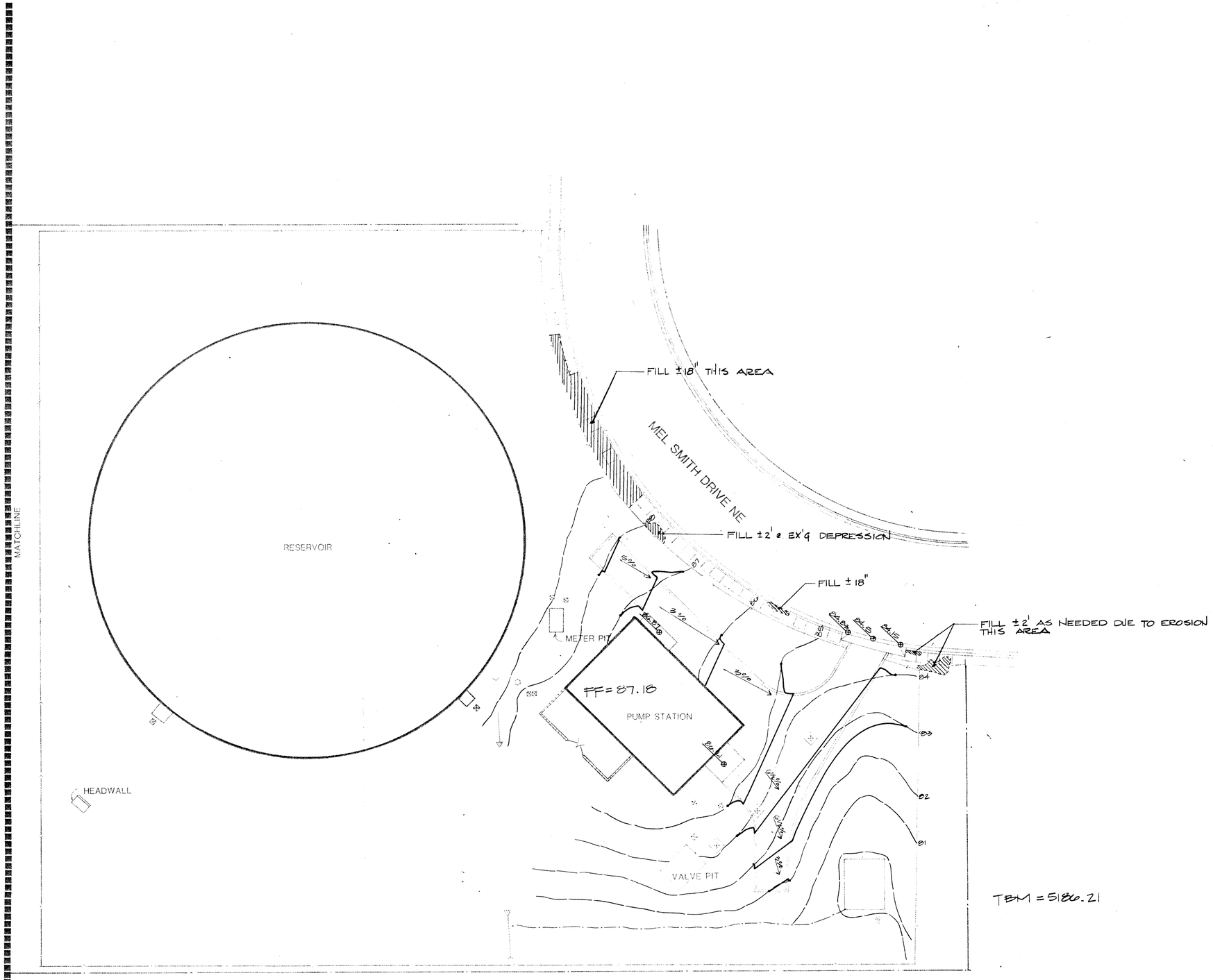
NOVEMBER
1986

AS BUILT

LEYENDECKER WELL #2
3617 LOUISIANA BLVD. NE
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
9
OF
172



26 3097 5486

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0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

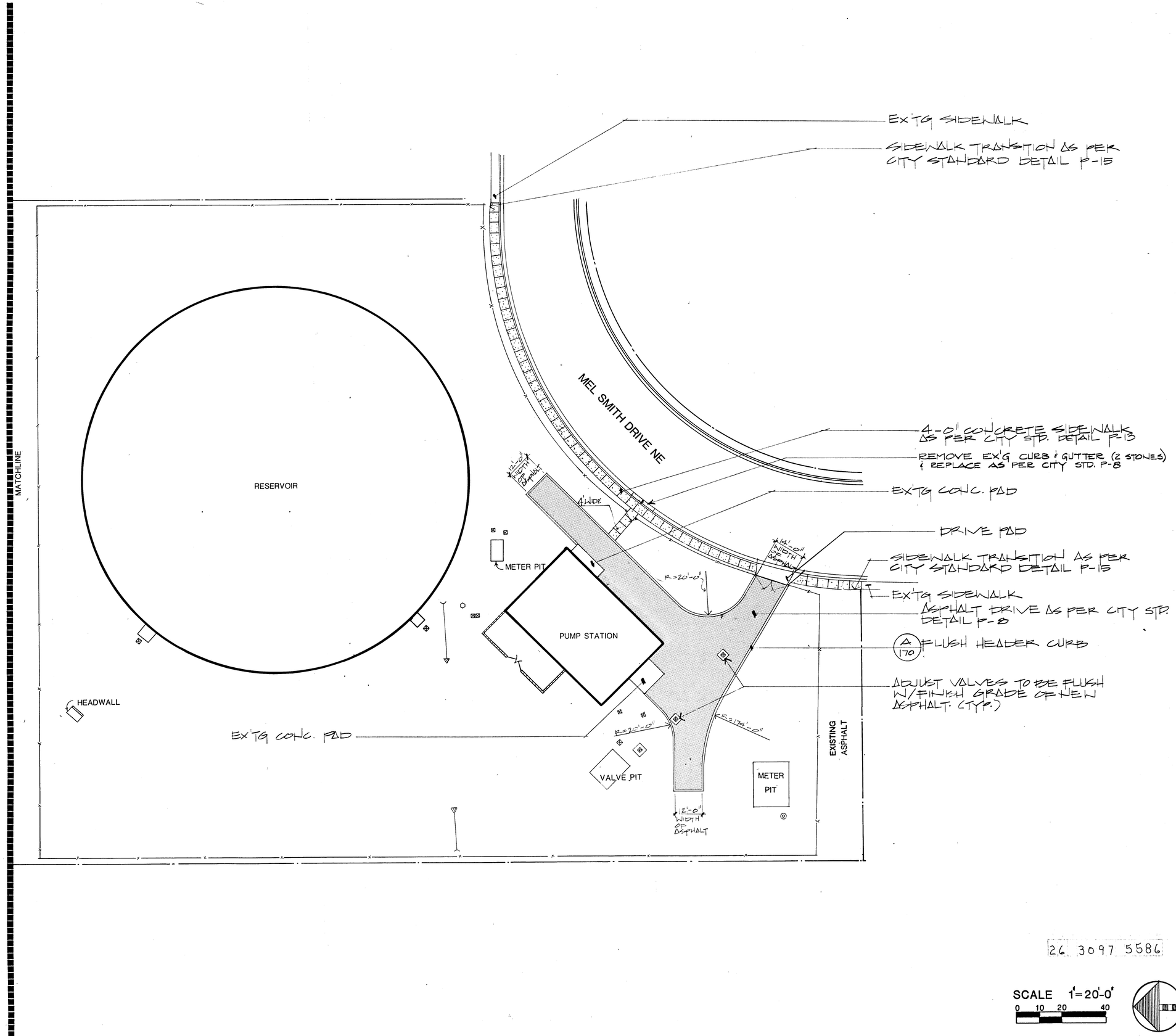
LINDA VISTA RESERVOIR & PUMP STATION
14009 MEL SMITH ROAD NE
GRADING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 66 OF 172

NOTE: NO CONSTRUCTION ON NORTH SIDE OF MATCH LINE



26 3097 5586

SCALE 1"=20'-0"
0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

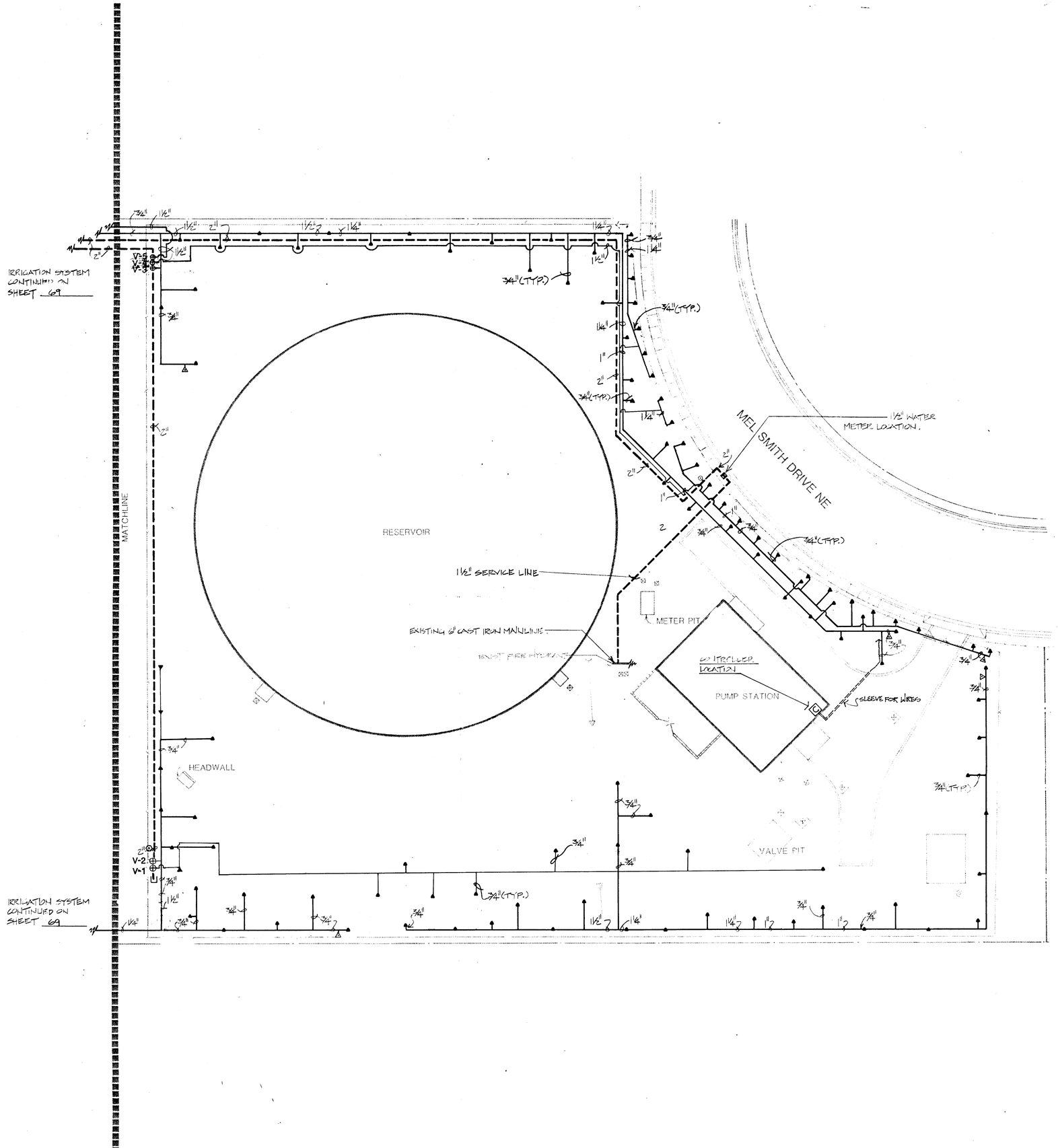
NOVEMBER 1986

LINDA VISTA RESERVOIR & PUMP STATION
14009 MEL SMITH ROAD NE
CONSTRUCTION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 67 OF 172



ELECTRICAL PANEL 'L'

IRRIGATION CONTROLLER

CIRCUIT # 8

3/4" RIGID STEEL CONDUIT, 110 VOLT CIRCUIT

1½" RIGID STEEL CONDUIT, 24 VOLT CIRCUITS TO REMOTE CONTROL VALVES

SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

26 3097 5686

SCALE 1"=20'-0"

0 10 20 40

STATE OF NEW MEXICO
NORMAN MORROW
NO. 2
REGISTERED LANDSCAPE ARCHITECT

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

LINDA VISTA RESERVOIR & PUMP STATION
14009 MEL SMITH ROAD NE
IRRIGATION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 68 OF 172

B.C. 3097 5786

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

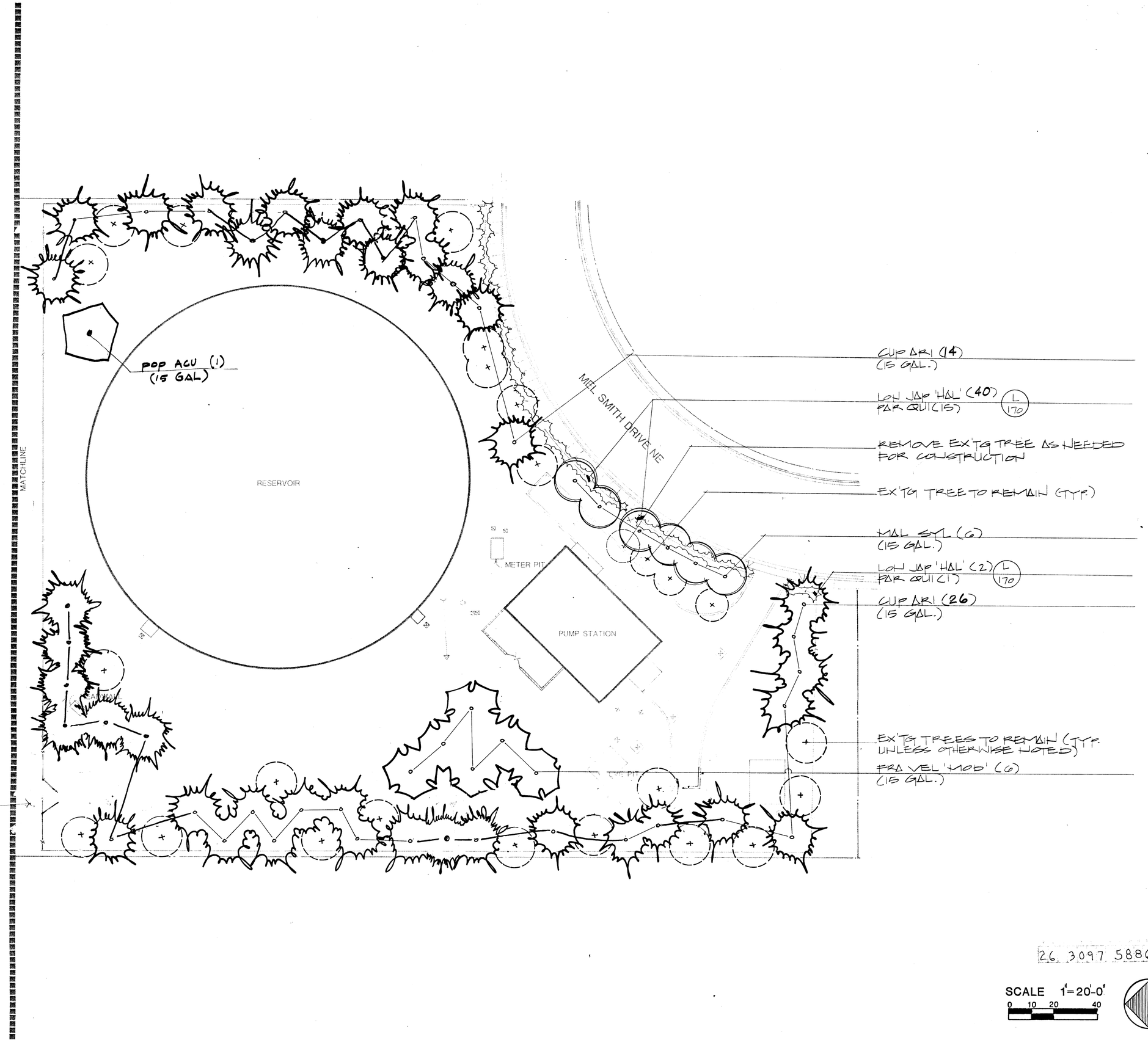
NOVEMBER 1986

LINDA VISTA RESERVOIR & PUMP STATION
14009 MEL SMITH ROAD NE
IRRIGATION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 69 OF 172



26 3097 5886

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER
1986

LINDA VISTA RESERVOIR & PUMP STATION
14009 MEL SMITH ROAD NE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
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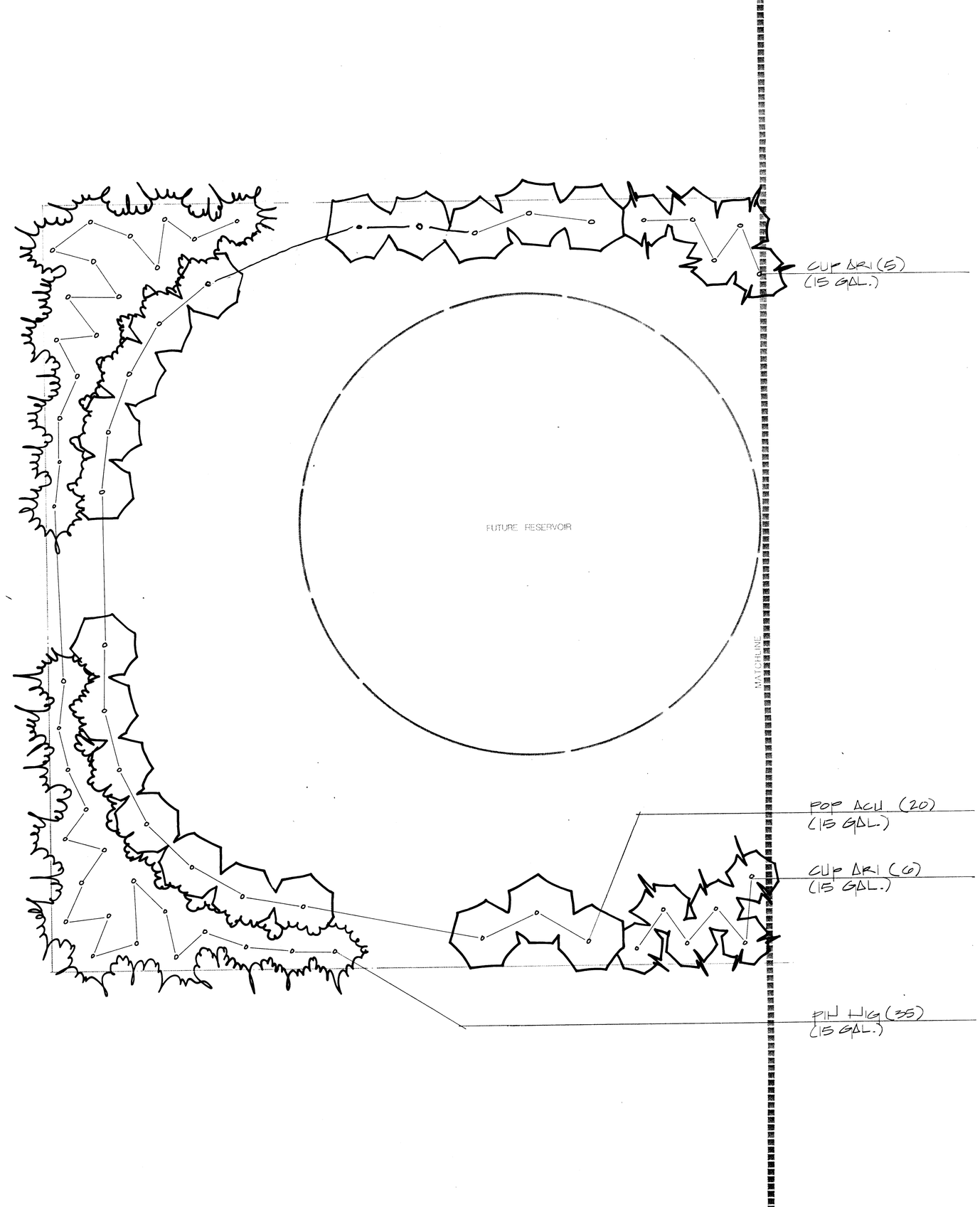
OF
172



26 3097 5986

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER
1986

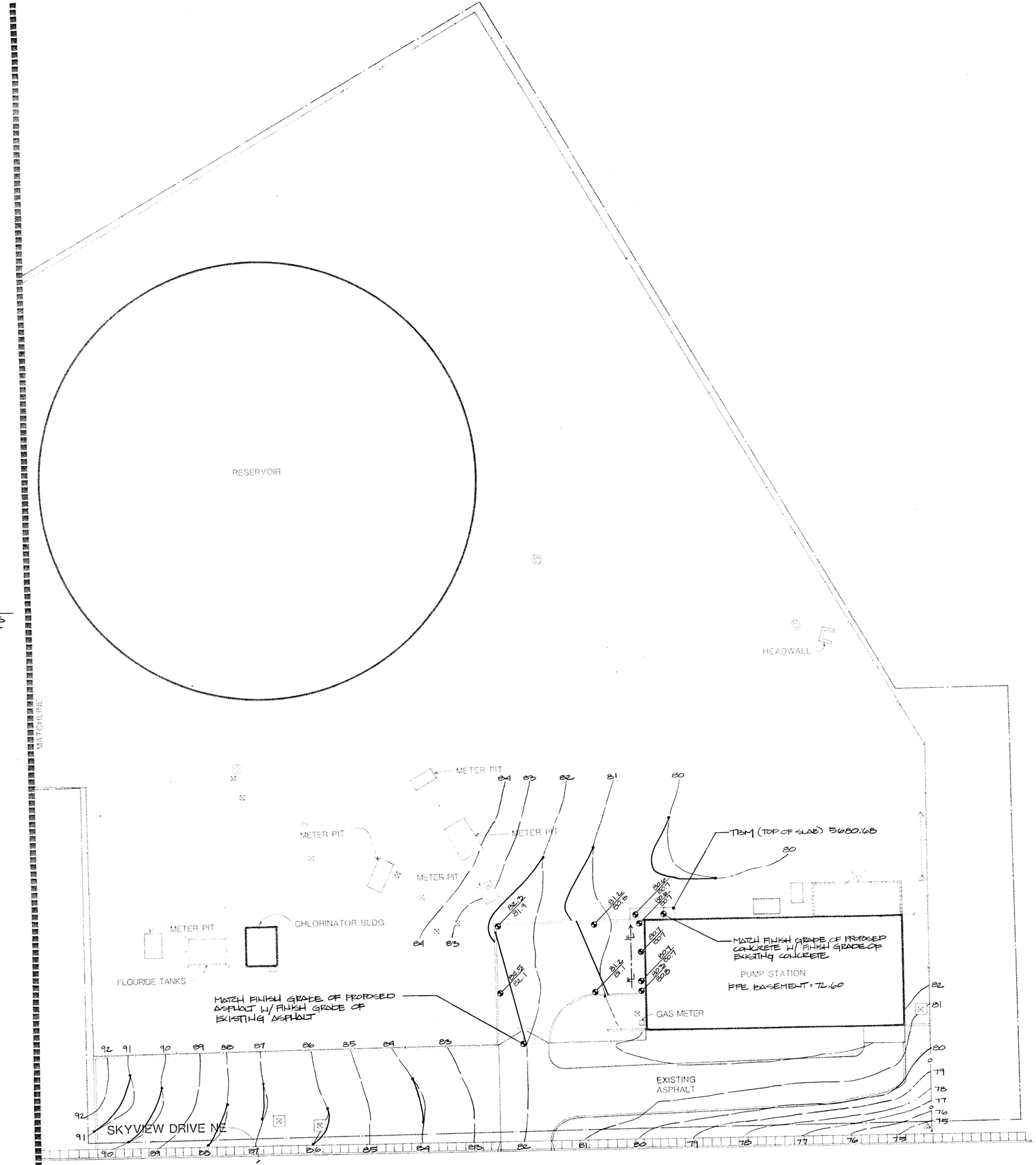
LINDA VISTA RESERVOIR & PUMP STATION
14009 MEL SMITH ROAD NE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
7
OF
172

NOTE:
NO CONSTRUCTION IMPROVEMENTS OR GRADING CHANGES ON EAST SIDE OF MATCH LINE.



26 3097 6086

SCALE 1"=20'-0"
0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

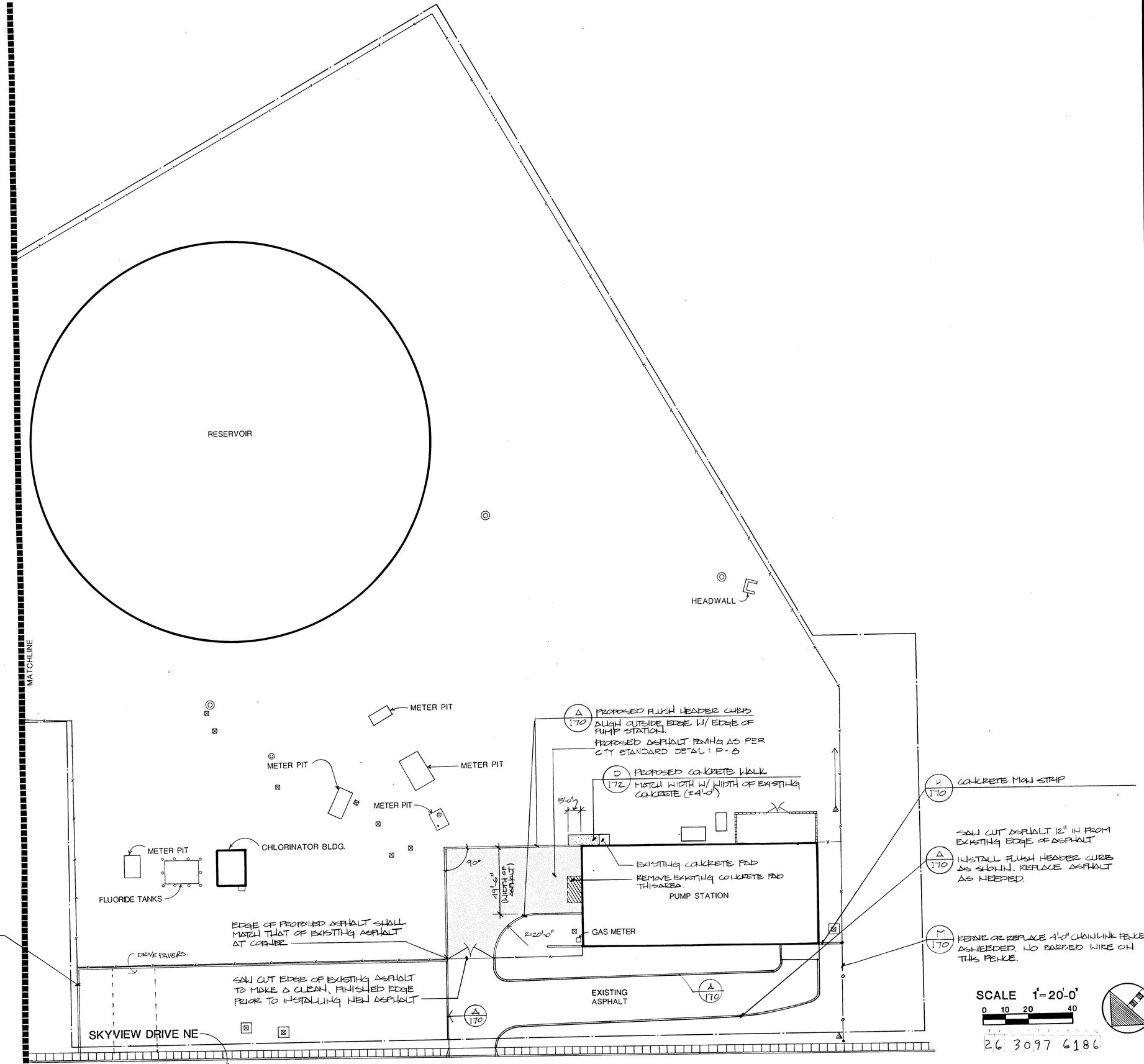
LOMAS RESERVOIR #1 & #2 & PUMP STATION
13200 SKYVIEW DRIVE NE
GRADING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
72
of
172

NOTE:
NO CONSTRUCTION IMPROVEMENTS ON EAST SIDE OF MATCH LINE.



MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

LOMAS RESERVOIR #1 & #2 & PUMP STATION
13200 SKYVIEW DRIVE NE
CONSTRUCTION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 73 OF 172

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

LOMAS RESERVOIR #1 & #2 & PUMP STATION
13200 SKYVIEW DRIVE NE
IRRIGATION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 74 OF 172

SCALE 1"=20'-0"

0 10 20 40

26 3097 6386

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

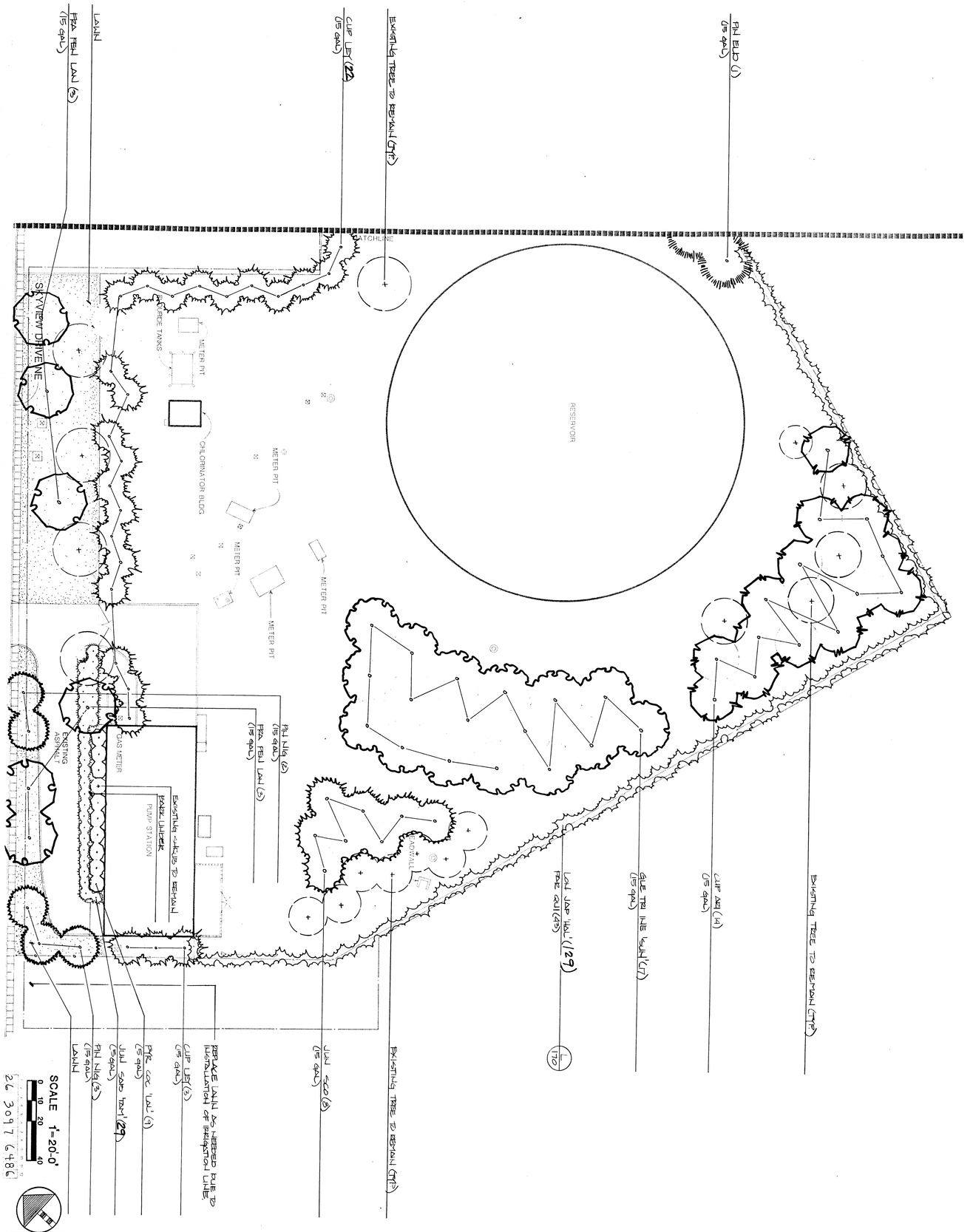
NOVEMBER 1986

LOMAS RESERVOIR #1 & #2 & PUMP STATION
13200 SKYVIEW DRIVE NE
IRRIGATION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 73 of 172



SHEET 7 of 172

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

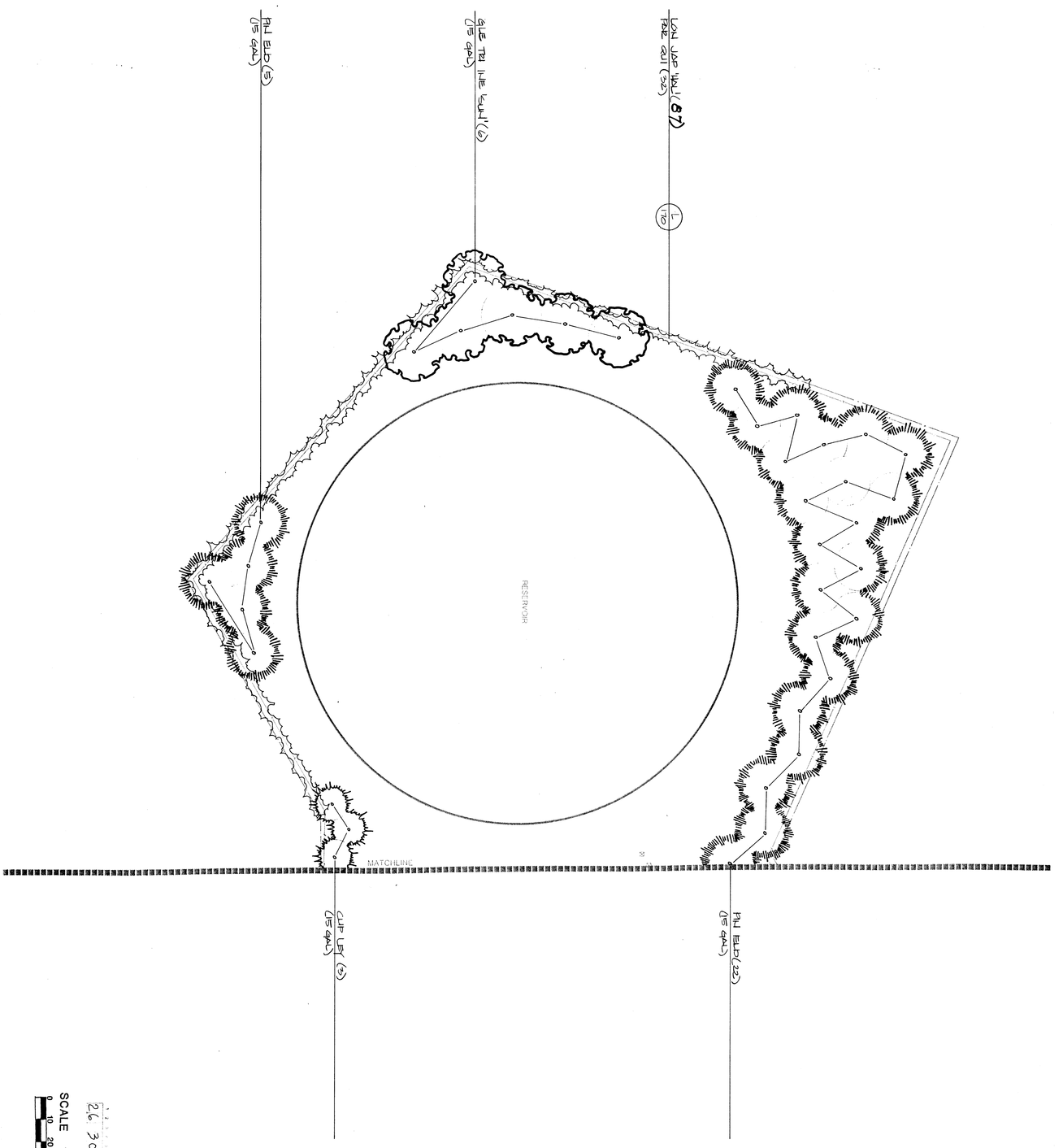
LOMAS RESERVOIR #1 & #2 & PUMP STATION
13200 SKYVIEW DRIVE NE
PLANTING PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

STATE OF NEW MEXICO
Sandra A. Morrow
NO. 1
REGISTERED LANDSCAPE ARCHITECT



SCALE 1"=20'-0"
0 10 20 40

26 3097 6586

SHEET 11 of 12	LANDSCAPING IMPROVEMENTS FOR WATER SYSTEM FACILITY SITES WATER SYSTEMS DIVISION CITY OF ALBUQUERQUE ALBUQUERQUE, NEW MEXICO	LOMAS RESERVOIR #1 & #2 & PUMP STATION 13200 SKYVIEW DRIVE NE PLANTING PLAN **AS BUILT**	NOVEMBER 1986	MORROW & COMPANY LANDSCAPE ARCHITECTS 210 La Veta Drive NE Albuquerque, New Mexico 87108 505-268-2266	STATE OF NEW MEXICO BARRY MORROW NO. 2 REGISTERED LANDSCAPE ARCHITECT

26 3097 6686

SCALE 1"=20'-0"
0 10 20 40

SHEET 10 of 12

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

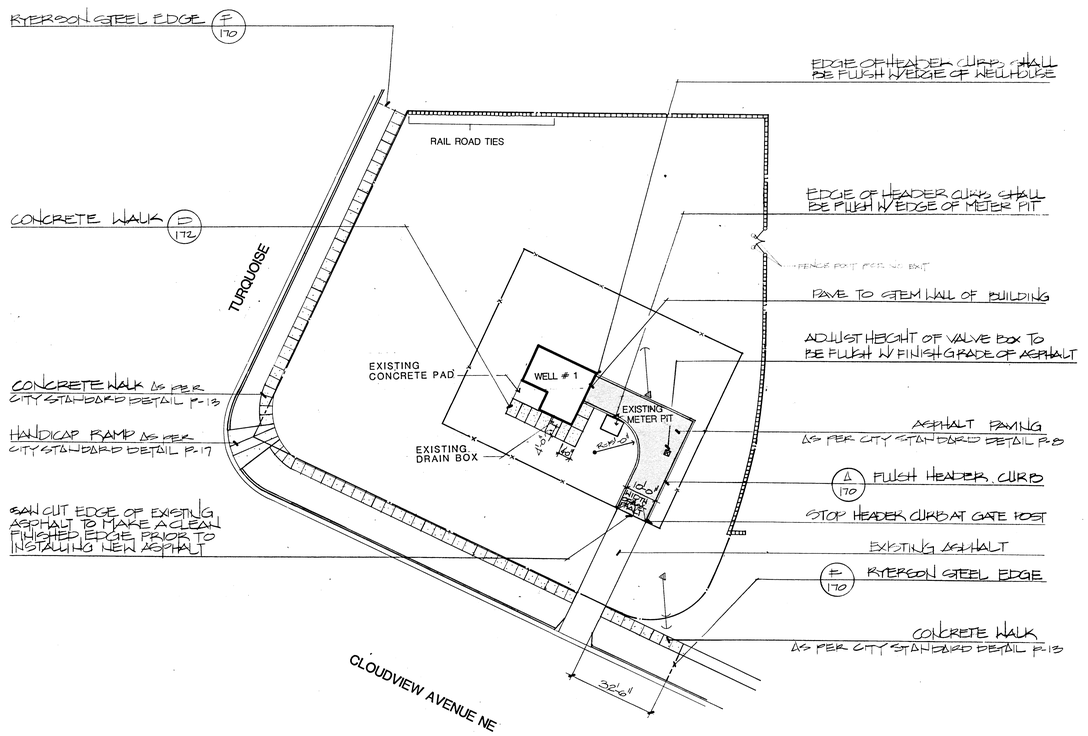
LOMAS WELL #1
12503 CLOUDVIEW AVENUE NE
GRADING PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

STATE OF NEW MEXICO
REGISTERED
LANDSCAPE ARCHITECT



26 3097 6786

SCALE 1"=20'-0"
0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2268

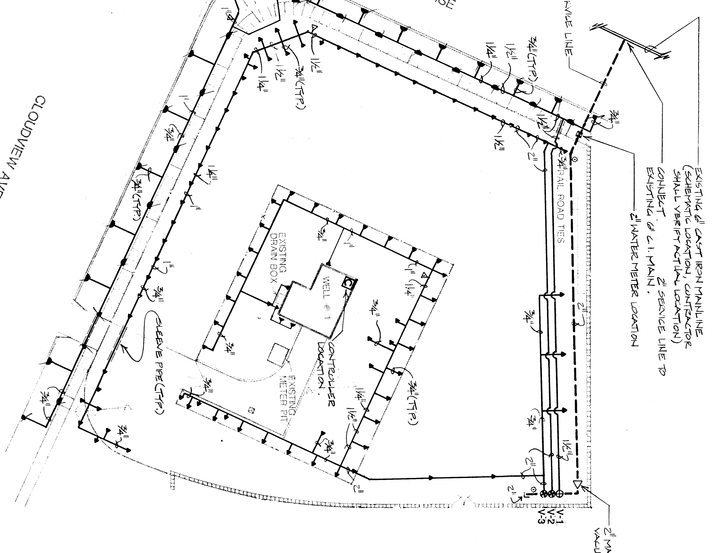
NOVEMBER 1996

AS BUILT

LOMAS WELL # 1
12503 CLOUDVIEW AVENUE NE
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
7 of 172



NOTE: CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING IRRIGATION EQUIPMENT.

ELECTRICAL PANEL

IRRIGATION CONTROLLER

CIRCUIT #6

3/4" RIGID STEEL CONDUIT, 110 VOLT CIRCUIT

1 1/2" RIGID STEEL CONDUIT 24 VOLT CIRCUITS TO REMOTE CONTROL VALVES

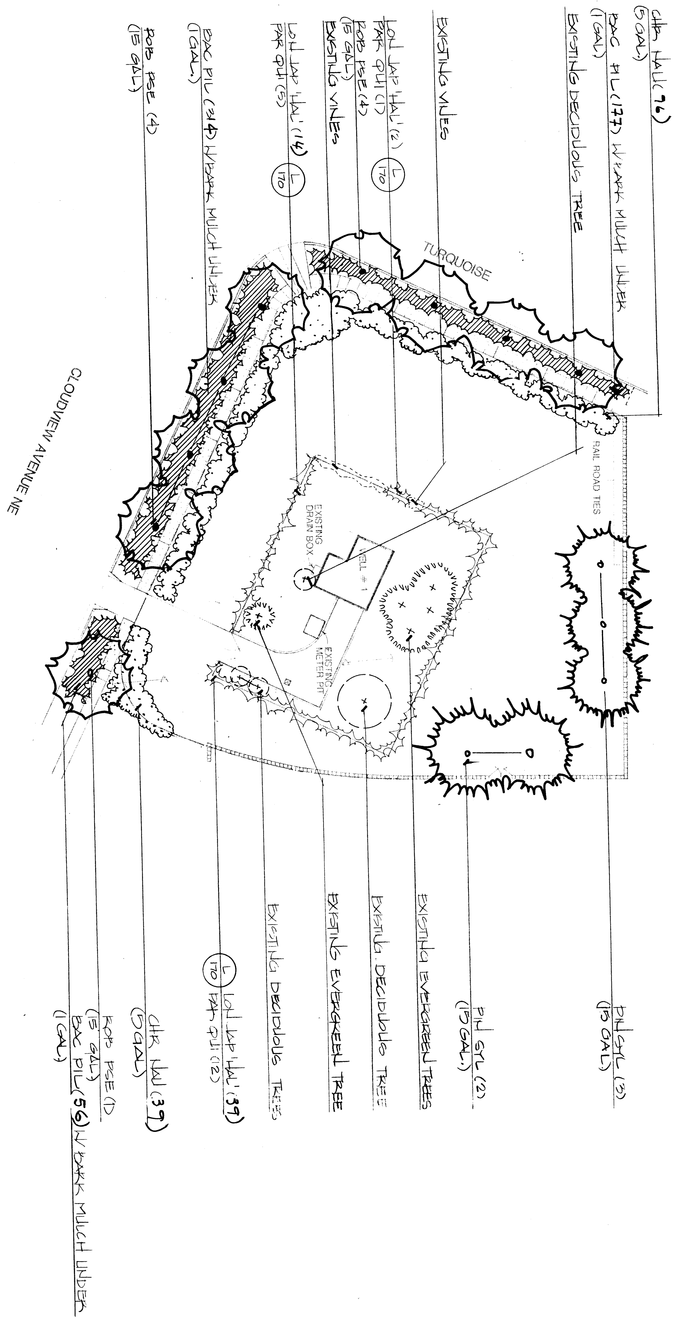
SCHEMATIC AS-BUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

PHONE 26 3097 6886

SCALE 1"=20'-0"

0 10 20 40

SHEET 60 of 172	LANDSCAPING IMPROVEMENTS FOR WATER SYSTEM FACILITY SITES WATER SYSTEMS DIVISION CITY OF ALBUQUERQUE ALBUQUERQUE, NEW MEXICO	LOMAS WELL #1 12503 CLOUDVIEW AVENUE NE IRRIGATION PLAN	AS BUILT	NOVEMBER 1986	MORROW & COMPANY LANDSCAPE ARCHITECTS 210 La Veta Drive NE Albuquerque, New Mexico 87108 505-268-2266



SHEET 9 OF 12

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

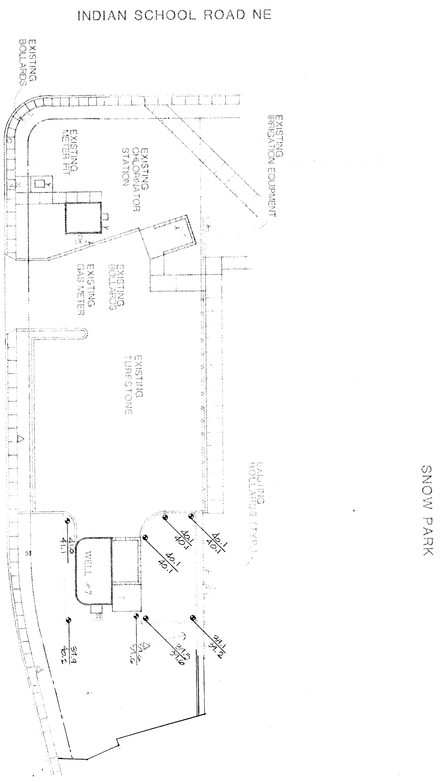
LOMAS WELL #1
12503 CLOUDVIEW AVENUE NE
PLANTING PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

STATE OF NEW MEXICO
NO. 2
REGISTERED LANDSCAPE ARCHITECT



SCALE 1"=20'-0"
0 10 20 40

26 3097 7086

SHEET
SHEET 1 OF 2

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

LOVE WELL #7
1815 PARSIFAL STREET NE
GRADING PLAN

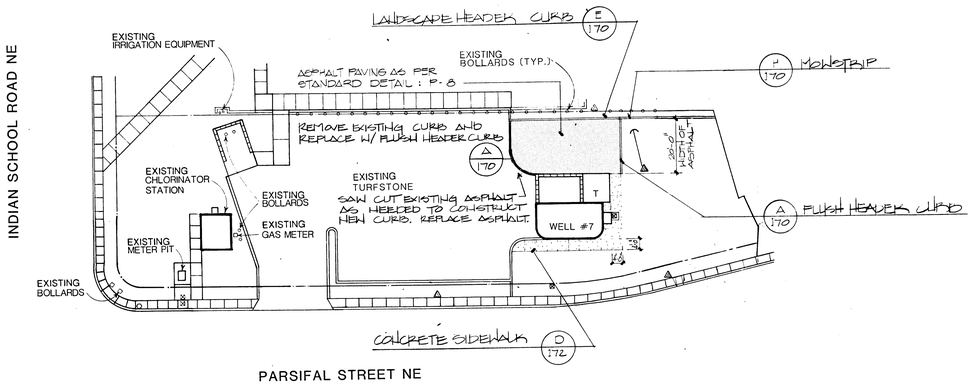
AS BUILT

NOVEMBER
1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

MELLON NEW MEXICO
MORROW
NO. 3
REGISTERED
LANDSCAPE ARCHITECT

SNOW PARK



26 3097 7186

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

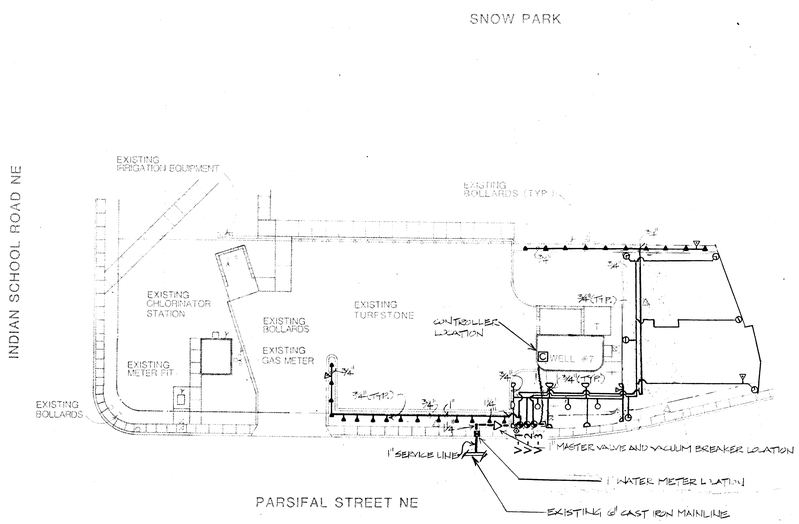
NOVEMBER 1986

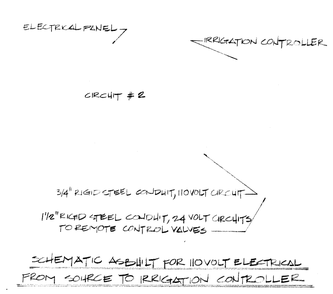
AS BUILT

LOVE WELL #7
1815 PARSIFAL STREET NE
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
L-2
1-72





26 3097 7286

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

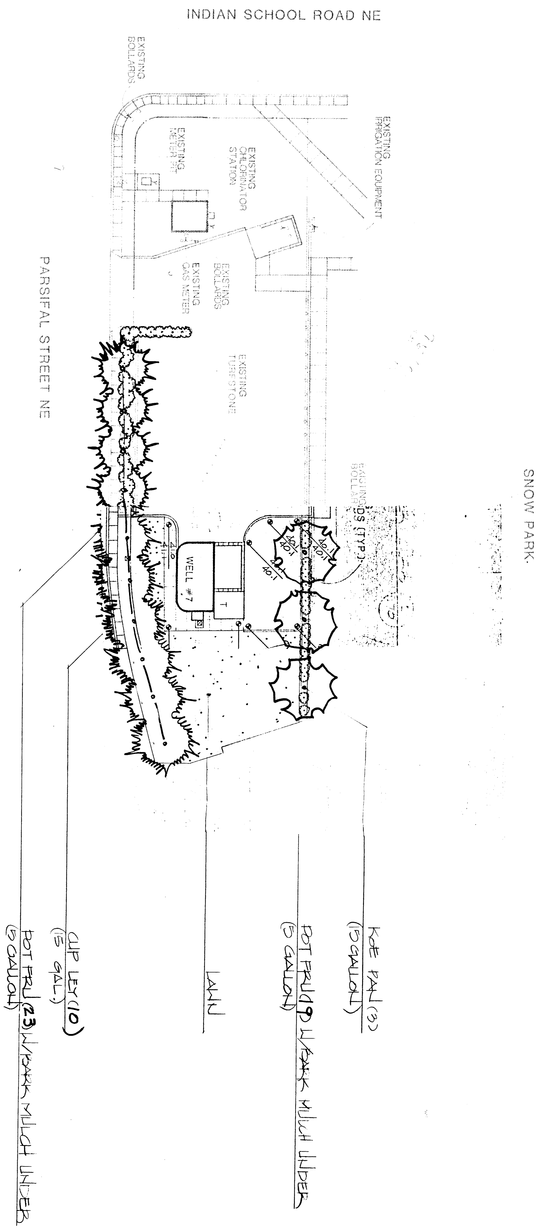
NOVEMBER 1986

AS BUILT

LOVE WELL #7
1815 PARSIFAL STREET NE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
9 of 12



SHEET 8 OF 12

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

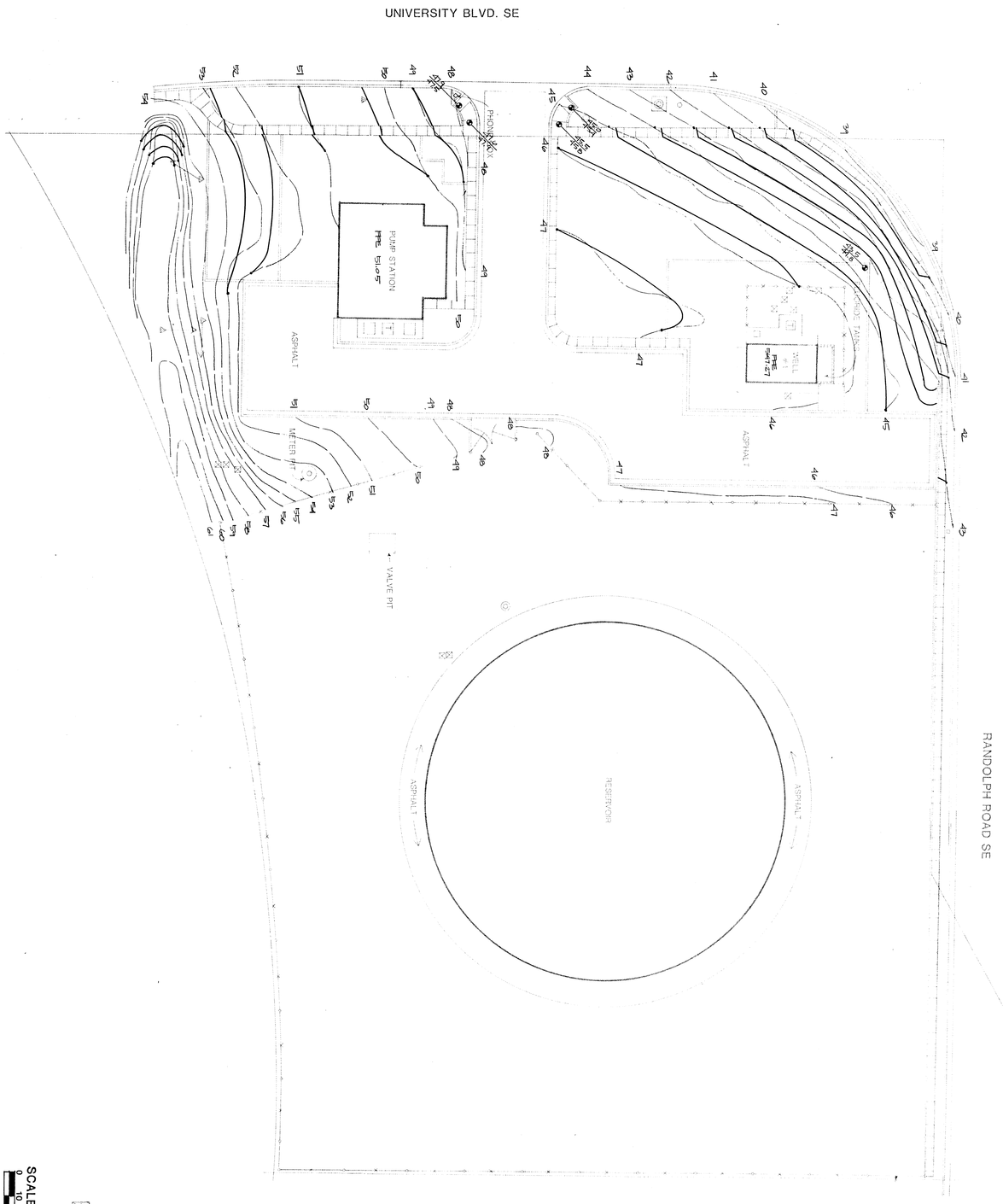
LOVE WELL #7
1815 PARSIFAL STREET NE
PLANTING PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

STATE OF NEW MEXICO
BARRY MORROW
NO. 3
REGISTERED LANDSCAPE ARCHITECT



SCALE 1"=20'-0"
0 10 20 40

26 30 97 74 85

SHEET 26 OF 172

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

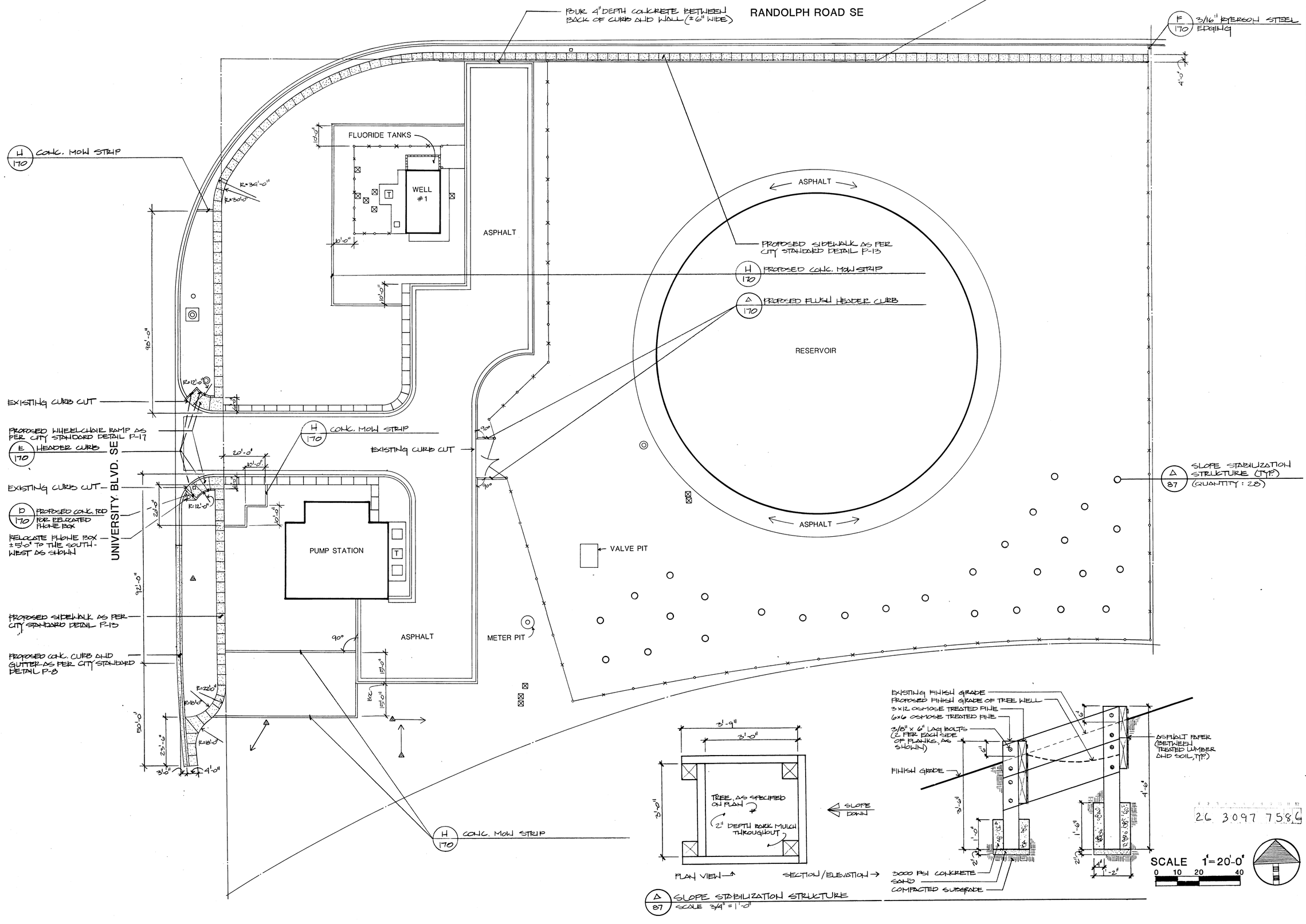
MILES WELL #1, RESERVOIR & PUMP STATION
3108 UNIVERSITY BLVD. SE
GRADING PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

STATE OF NEW MEXICO
MARK E. MORROW
NO. 2
REGISTERED LANDSCAPE ARCHITECT



26 3097 7586

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

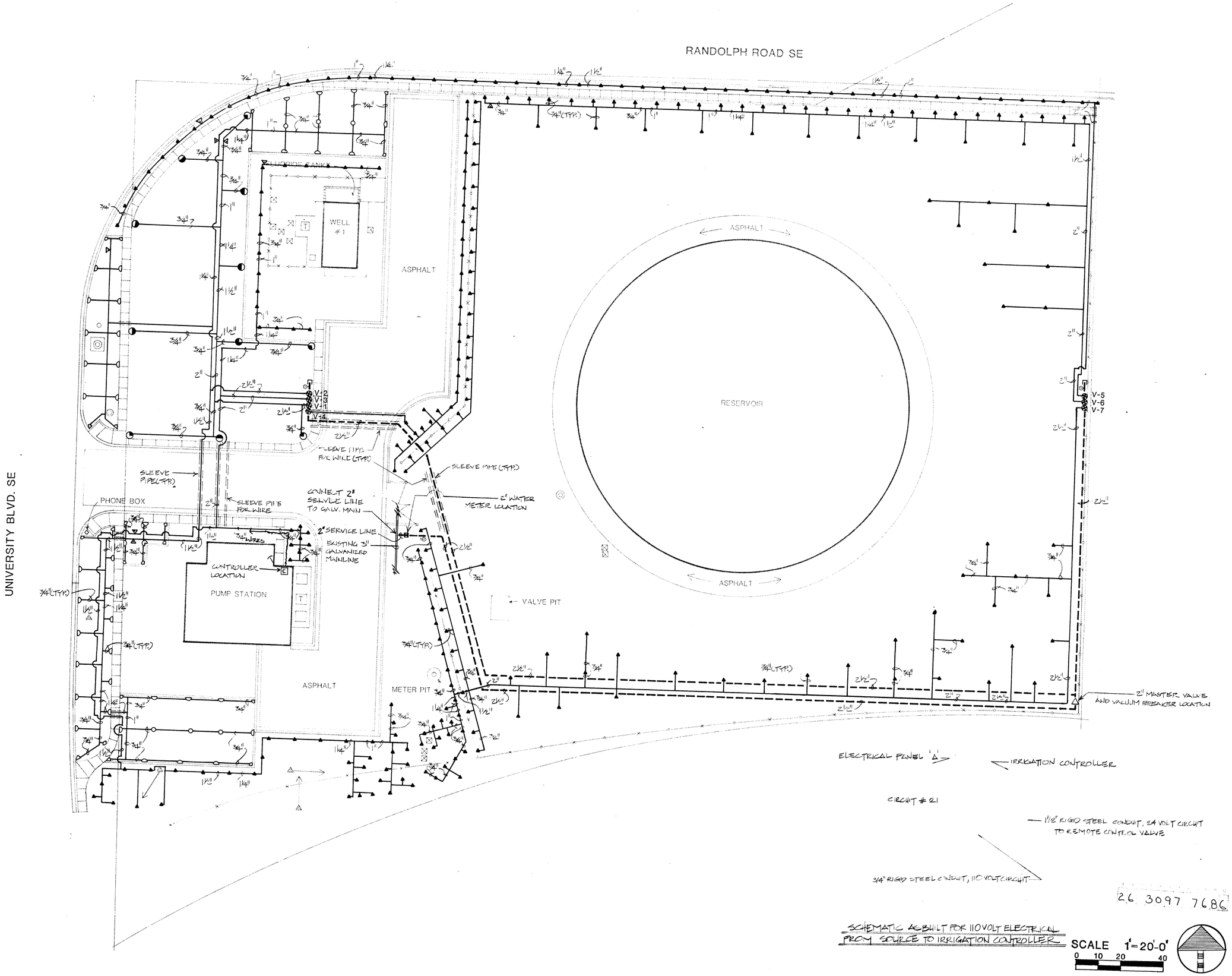
NOVEMBER 1986

MILES WELL #1, RESERVOIR & PUMP STATION
3108 UNIVERSITY BLVD. SE
CONSTRUCTION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 87 OF 172



MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

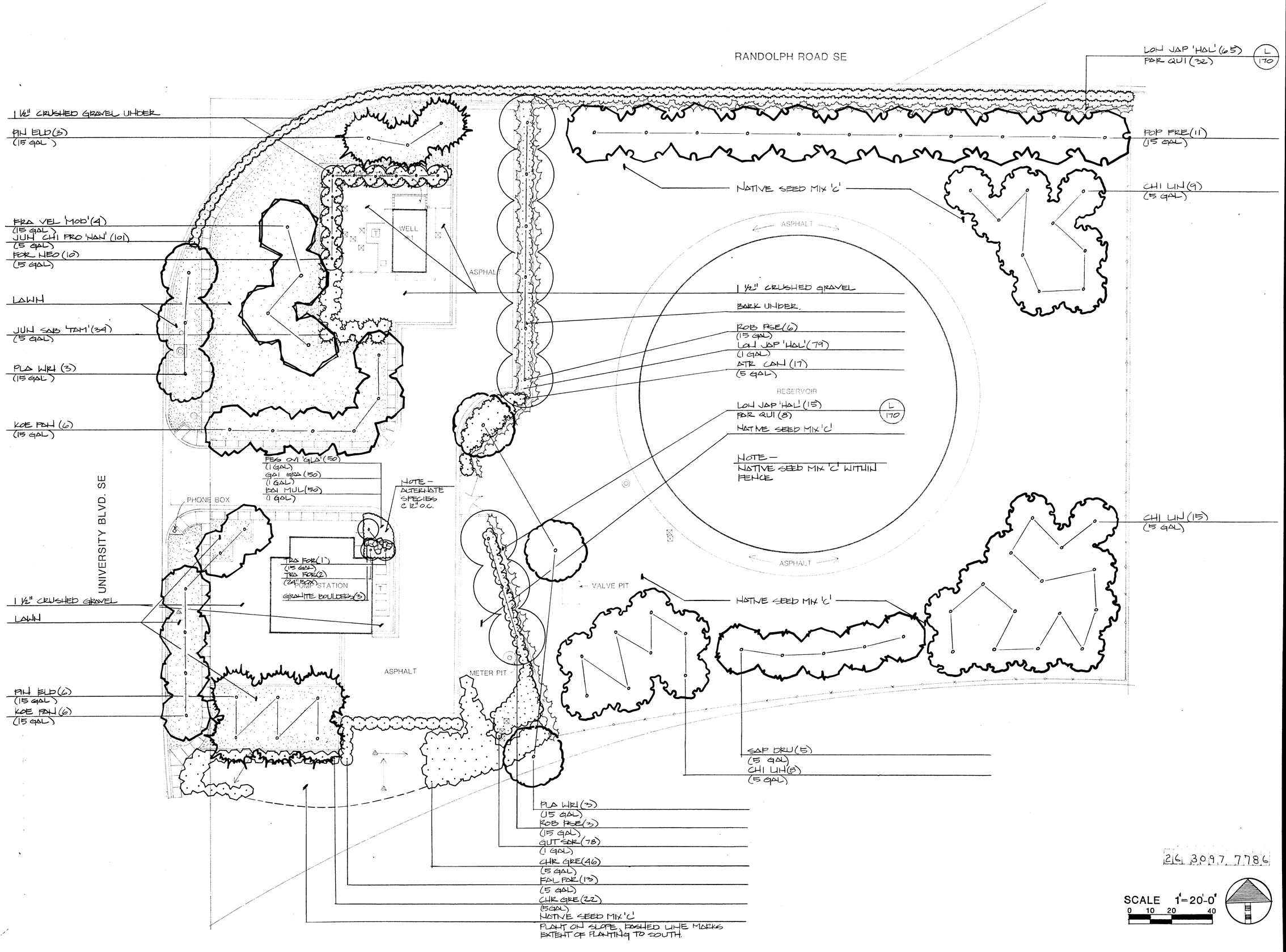
NOVEMBER 1986

PUMP STATION
AS BUILT

MILES WELL #1, RESERVOIR & PUMP STATION
3108 UNIVERSITY BLVD. SE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 88 OF 172



216 3097 7786

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

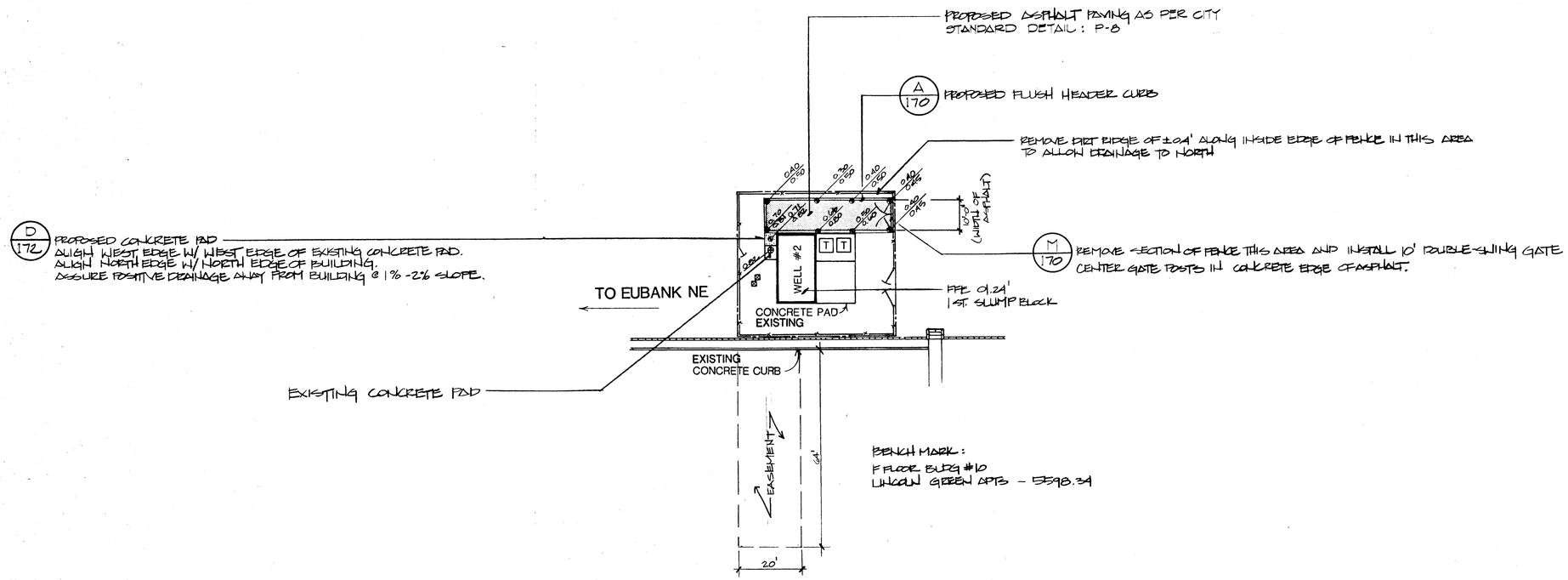
NOVEMBER 1986

MILES WELL #1, RESERVOIR & PUMP STATION
3108 UNIVERSITY BLVD. SE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
89
OF
72



SCALE 1"=20'-0"

0 10 20 40

26 3097 7886

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

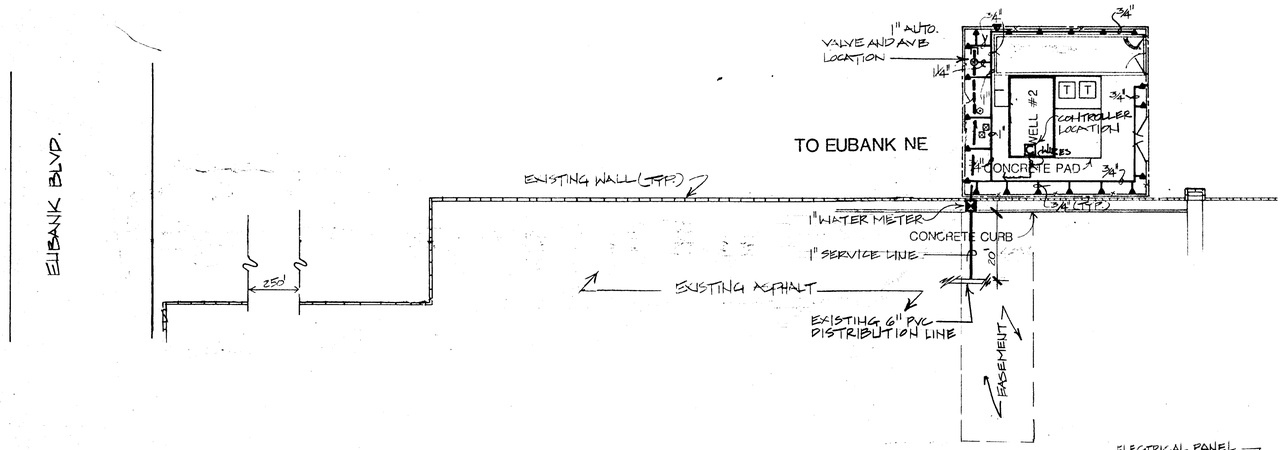
NOVEMBER 1986

AS BUILT

PONDEROSA WELL #2
4620 EUBANK NE
GRADING & CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
3 of 3
172



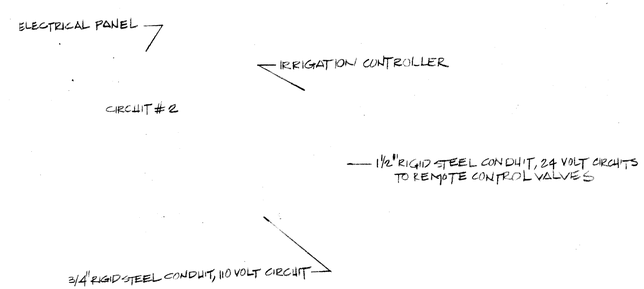
NOTES:

1) CONTRACTOR SHALL INSTALL PROPOSED MAINLINE IN UTILITY EASEMENT AS SHOWN ON PLAN.

2) CONTRACTOR SHALL SAW-CUT EXISTING ASPHALT SOUTH OF EXISTING WALL PRIOR TO INSTALLING PROPOSED MAINLINE AND REPLACE WITH NEW ASPHALT TO MATCH EXISTING.

3) CONTRACTOR SHALL BORE UNDER EXISTING WALL (AT 1 LOCATION, SEE PLAN) OR REMOVE PORTION OF WALL AS NEEDED TO INSTALL PROPOSED MAINLINE.

4) IF ANY PORTION OF EXISTING WALL IS REMOVED, THE CONTRACTOR SHALL REPLACE WALL TO MATCH EXISTING.



SCHEMATIC AS BUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

26 3097 7986

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

PONDEROSA WELL #2
4620 EUBANK NE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 9 OF 172

26 3097 8086

SCALE 1"=20'-0"

0 10 20 40

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

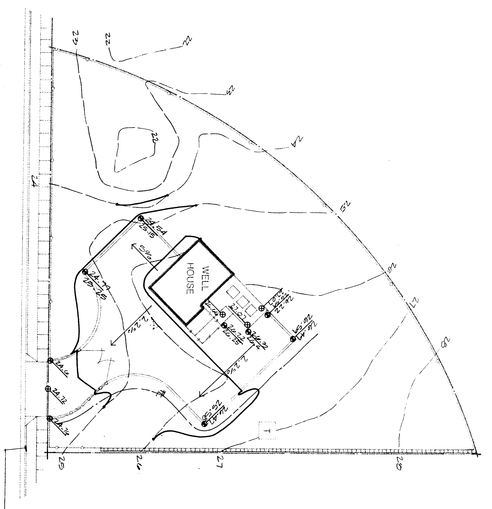
NOVEMBER
1986

AS BUILT

PONDEROSA WELL #2
4620 EUBANK NE
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
97
OF
172



SCALE 1"=20'-0"

0 10 20 40

26 3097 8186

SHEET 9 OF 172

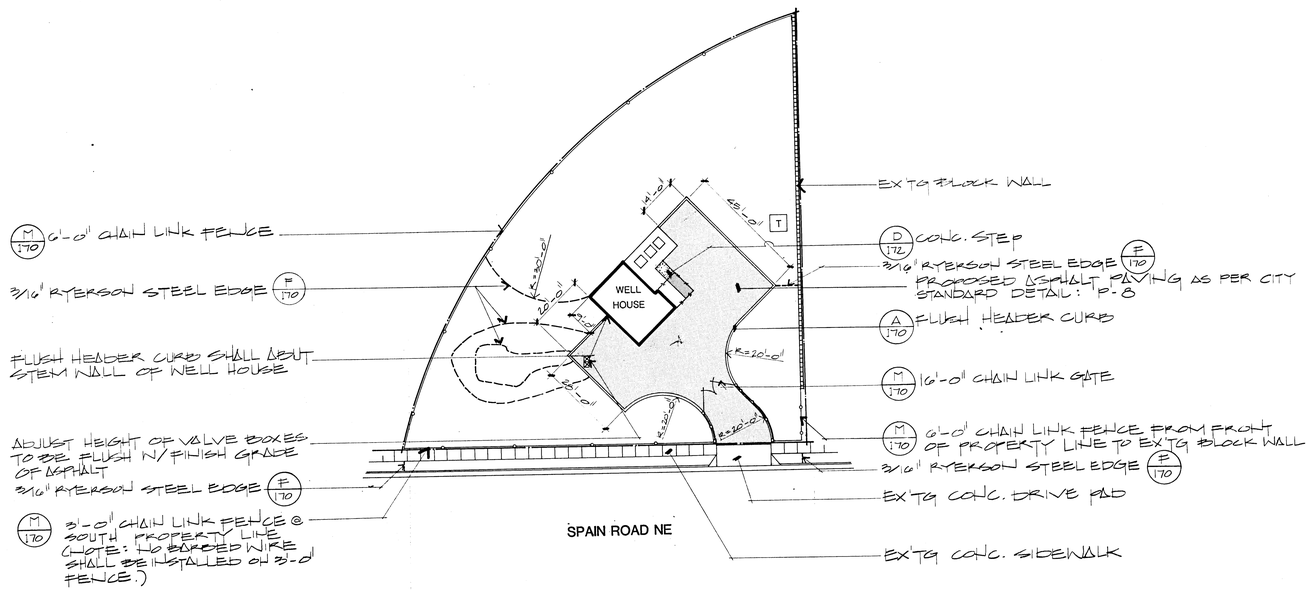
LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

PONDEROSA WELL #3
9301 SPAIN NE
GRADING PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266



SCALE 1"=20'-0"
0 10 20 40

26 3097 8286

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 LaVeta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

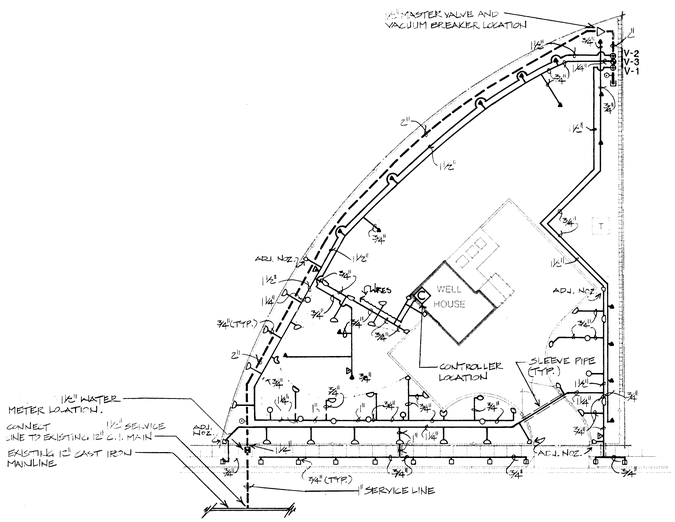
NOVEMBER 1986

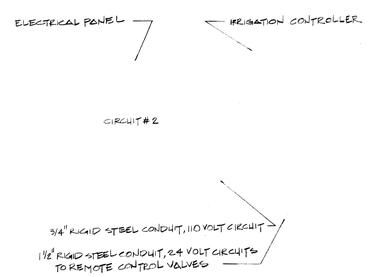
PONDEROSA WELL #3
9301 SPAIN NE
CONSTRUCTION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
33
of
72





SCHEMATIC ROUTE FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1"=20'-0"
0 10 20 40

26 3097 8386

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

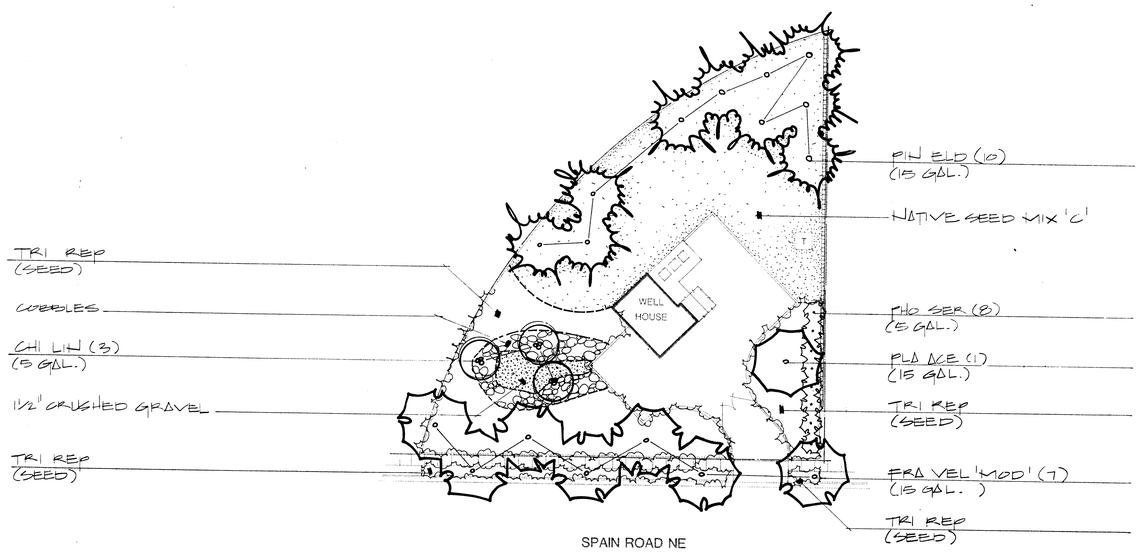
NOVEMBER 1986

AS BUILT

PONDEROSA WELL #3
9301 SPAIN NE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 100 OF 172



SCALE 1"=20'-0"
0 10 20 40

26 3097 8486

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER
1986

AS BUILT

PONDEROSA WELL #3
9301 SPAIN NE
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
101
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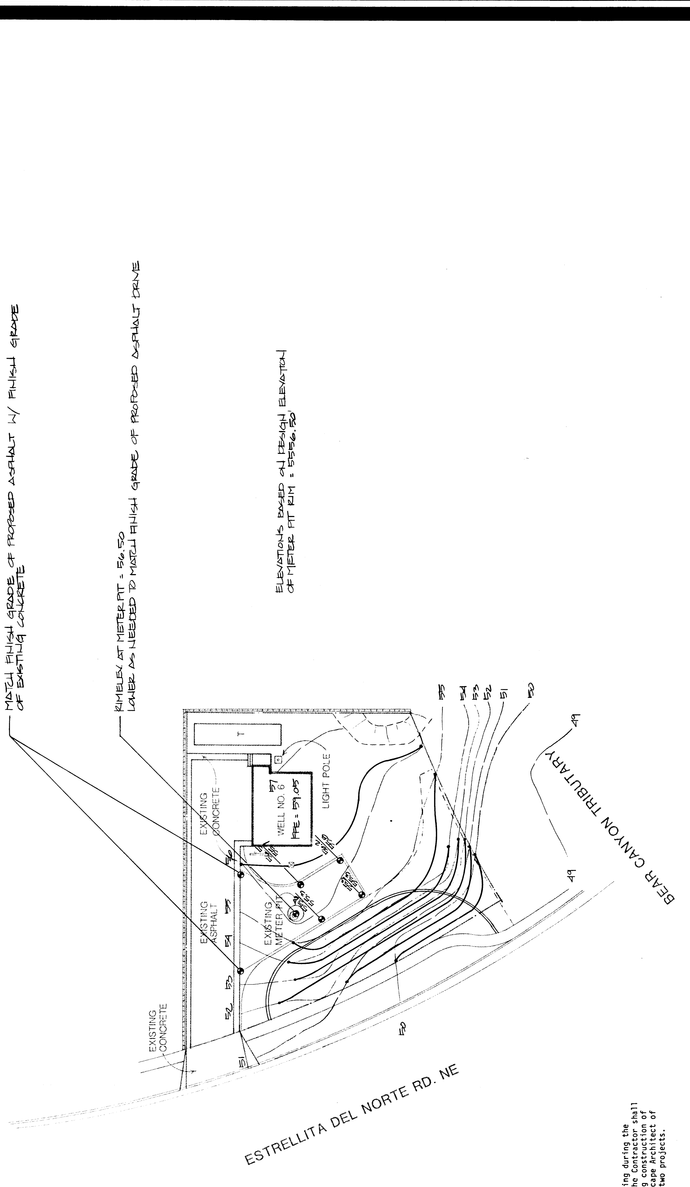


NOTE:
Street and sidewalk construction (by others - NIC) may be on-going during the construction of the landscape improvements described herein. The Contractor shall coordinate all phases of landscape construction with the ongoing construction of the street and sidewalk. The Contractor shall notify the Landscape Architect of any problems that may occur concerning the coordination of the two projects.

SCALE 1"=20'-0"
0 10 20 40

26 3097 8586

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

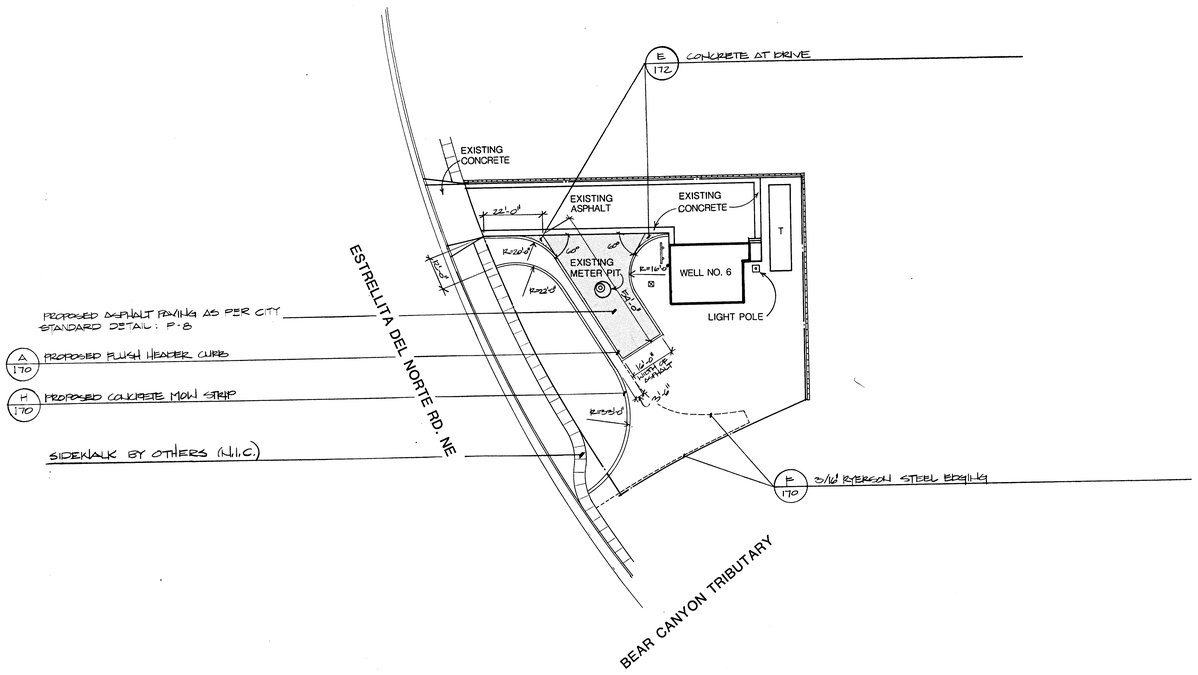
SHEET 102 OF 172

PONDEROSA WELL #6
5900 ESTRELLITA DEL NORTE NE
GRADING PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Vista Drive NE
Albuquerque, New Mexico 87108
505-268-2266



NOTE:
Street and sidewalk construction (by others - NIC) may be on-going during the construction of the landscape improvements described herein. The Contractor shall coordinate all proposed landscape construction with the on-going construction of the street and sidewalk. The Contractor shall notify the Landscape Architect of any problems that may occur concerning the coordination of the two projects.

SCALE 1"=20'-0"
0 10 20 40

26 3097 8686

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-265-2295

NOVEMBER 1996

PONDEROSA WELL #6
5900 ESTRELLITA DEL NORTE NE
CONSTRUCTION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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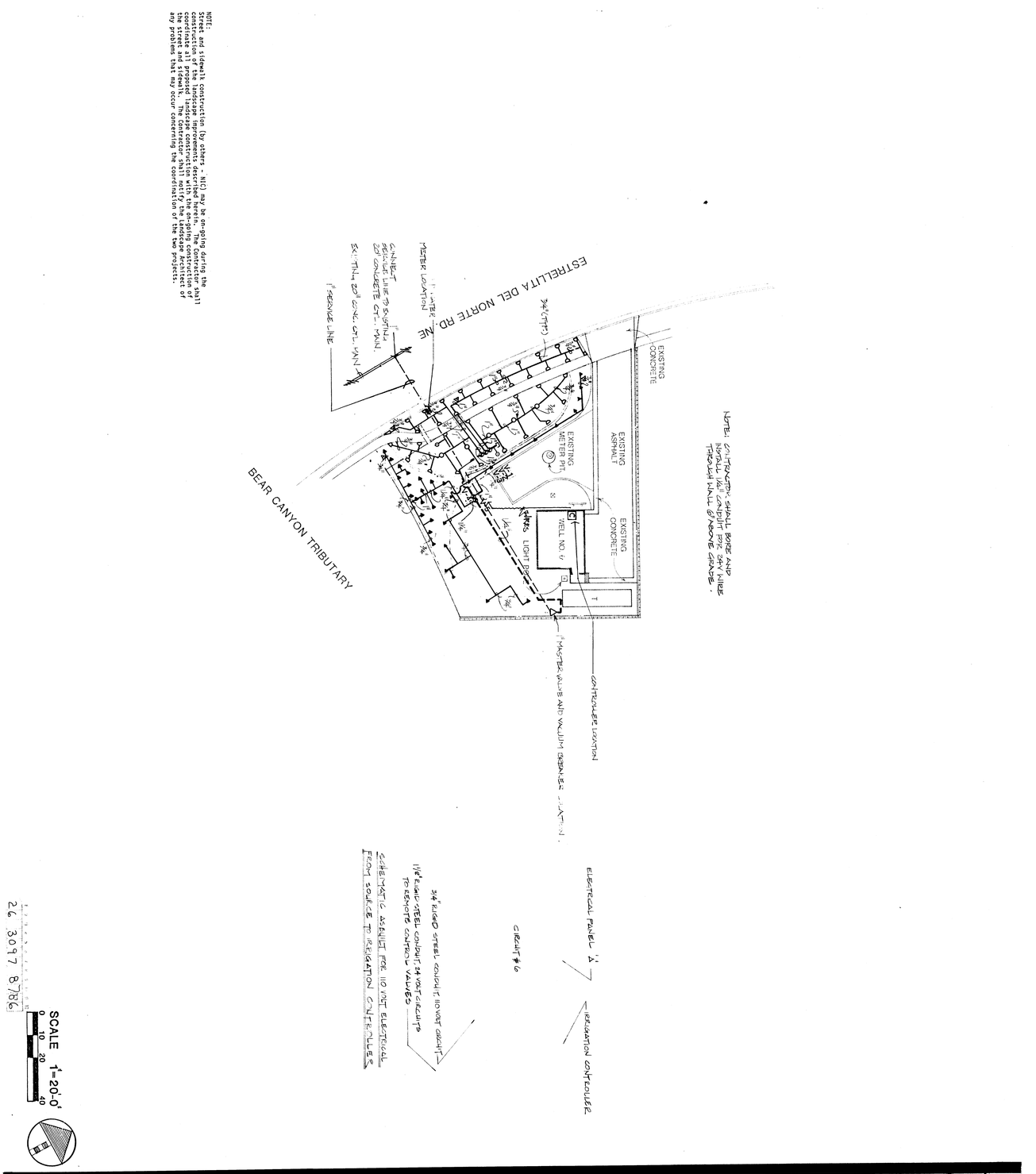
172



SHEET 2 OF 17

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

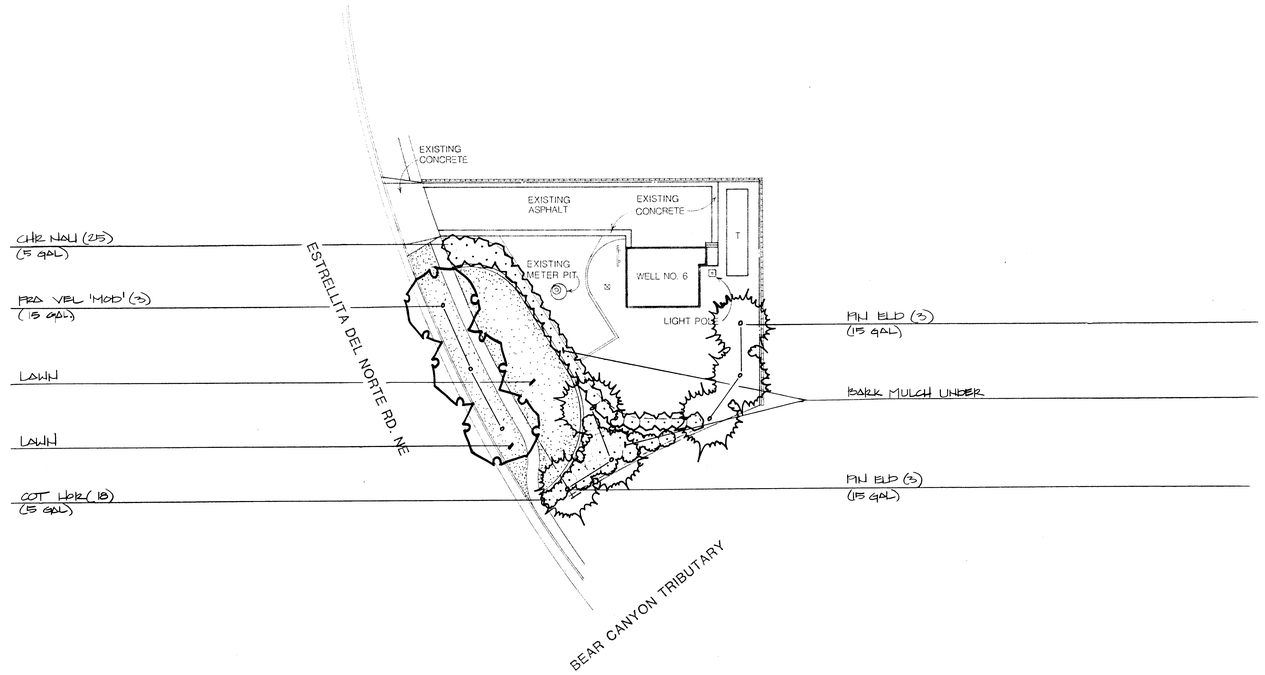
PONDEROSA WELL #6
5900 ESTRELLITA DEL NORTE NE
IRRIGATION PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

REGISTERED LANDSCAPE ARCHITECT



NOTE:
Street and sidewalk construction (by others - NIC) may be on-going during the construction of the landscape improvements described herein. The Contractor shall coordinate all proposed landscape construction with the on-going construction of the street and sidewalk. The Contractor shall notify the Landscape Architect of any problems that may occur concerning the coordination of the two projects.

SCALE 1"=20'-0"
0 10 20 40

26 3097 8886

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2268

NOVEMBER 1986

AS BUILT

PONDEROSA WELL #6
5900 ESTRELLITA DEL NORTE NE
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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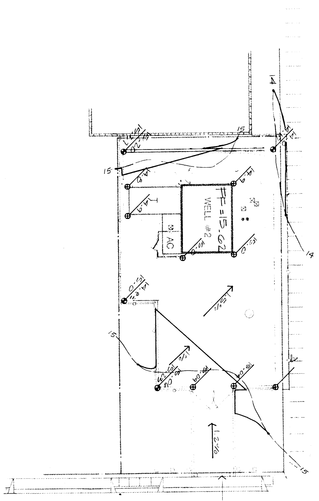
172



SCALE 1" = 20'-0"
0 10 20 40

26 3097 8982

SHEET 1 OF 1 TO 12

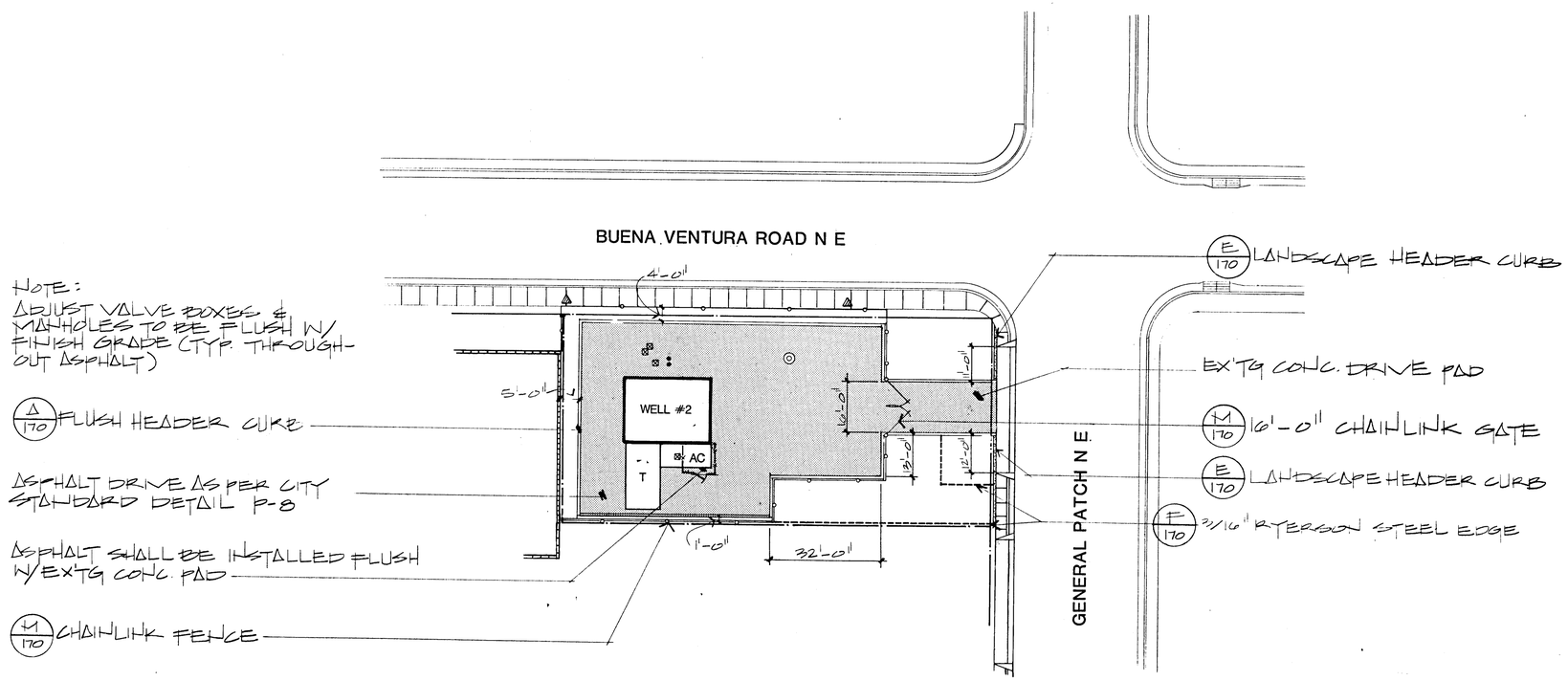
LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

RIDGECREST WELL #2
125 GENERAL PATCH
GRADING PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266



SCALE 1"=20'-0"
0 10 20 40

26 3097 9086

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

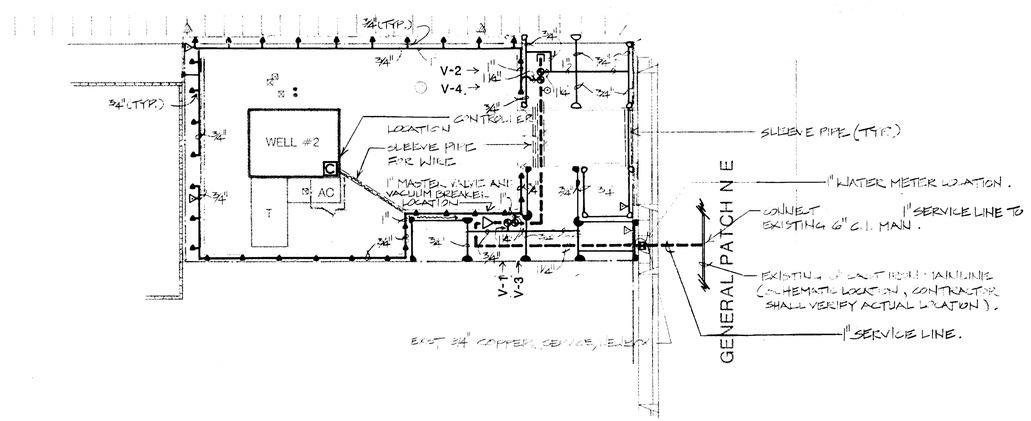
AS BUILT

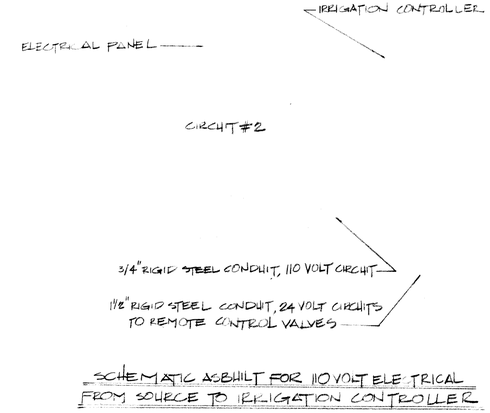
RIDGECREST WELL #2
125 GENERAL PATCH
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
107
OF
172

BUENA VENTURA ROAD N E





SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1"=20'-0"
0 10 20 40

26 3097 9186

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

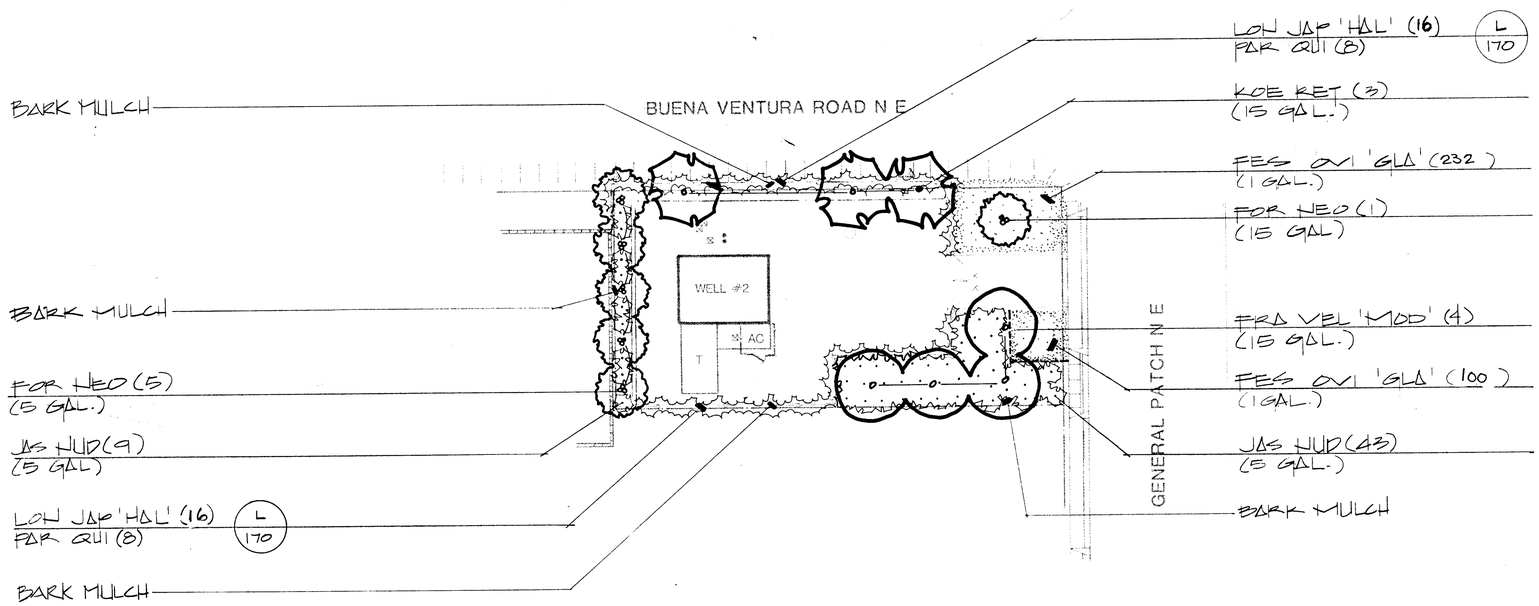
NOVEMBER 1986

AS BUILT

RIDGECREST WELL #2
125 GENERAL PATCH
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 108 OF 172



SCALE 1"=20'-0"
0 10 20 40

26 3097 9286

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

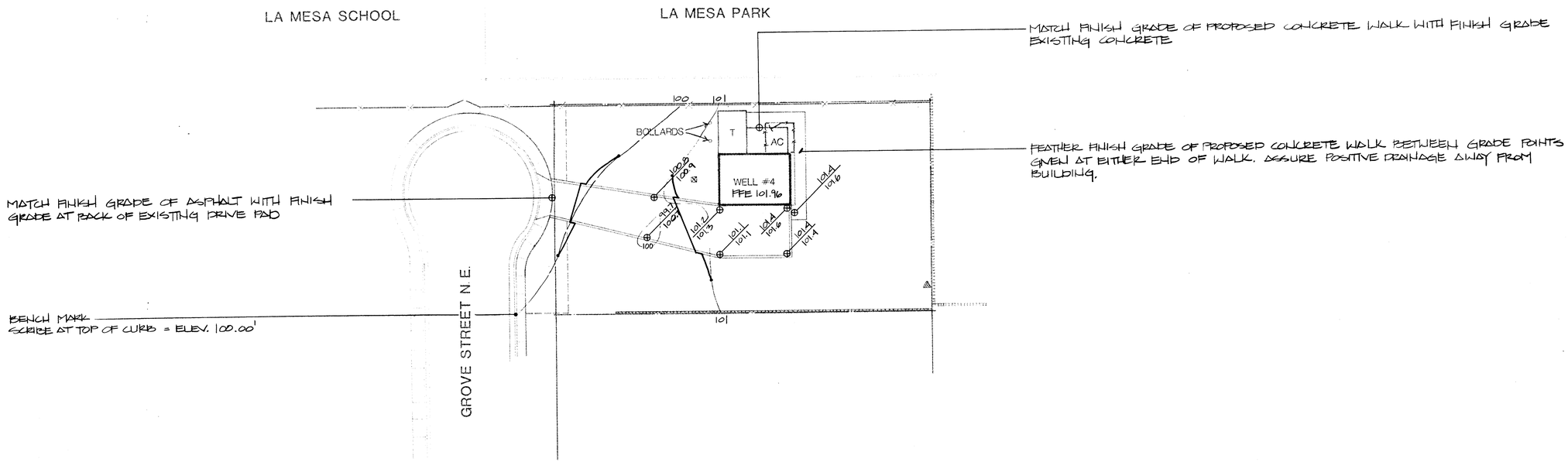
NOVEMBER 1986

RIDGECREST WELL #2
125 GENERAL PATCH
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
8 of 12



SCALE 1"=20'-0"

0 10 20 40

26 3097 9386

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

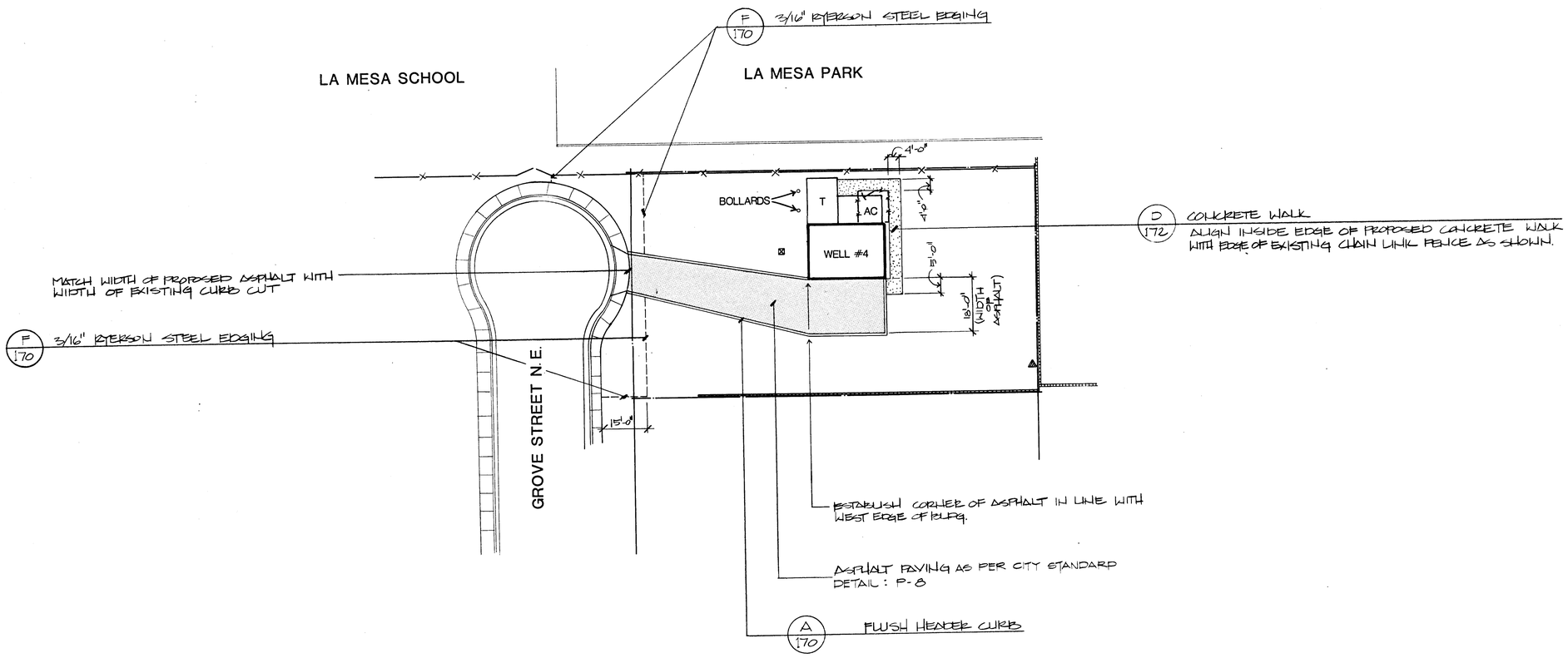
NOVEMBER 1986

AS BUILT

RIDGECREST WELL #4
324 GROVE NE
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
OF
172



SCALE 1"=20'-0"

0 10 20 40

26 3097 9486

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

RIDGECREST WELL #4
324 GROVE NE
CONSTRUCTION PLAN

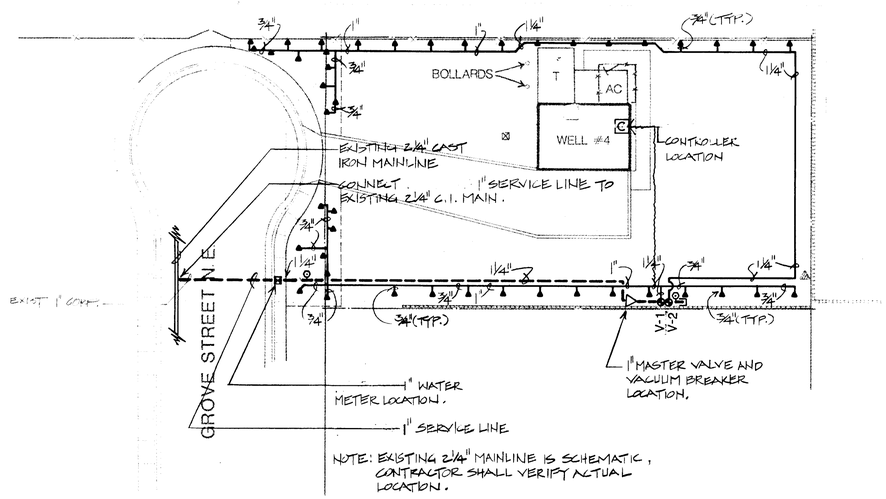
AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
III
OF
172

LA MESA SCHOOL

LA MESA PARK



NOTE: EXISTING 2 1/4" MAINLINE IS SCHEMATIC, CONTRACTOR SHALL VERIFY ACTUAL LOCATION.

ELECTRICAL PANEL

IRRIGATION CONTROLLER

CIRCUIT # 2

3/4" RIGID STEEL CONDUIT, 110 VOLT CIRCUIT

1 1/2" RIGID STEEL CONDUIT, 24 VOLT CIRCUITS TO REMOTE CONTROL VALVES

SCHEMATIC ASBUILT FOR 110 VOLT CIRCUIT FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1"=20'-0"

0 10 20 40

26 3097 9586

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

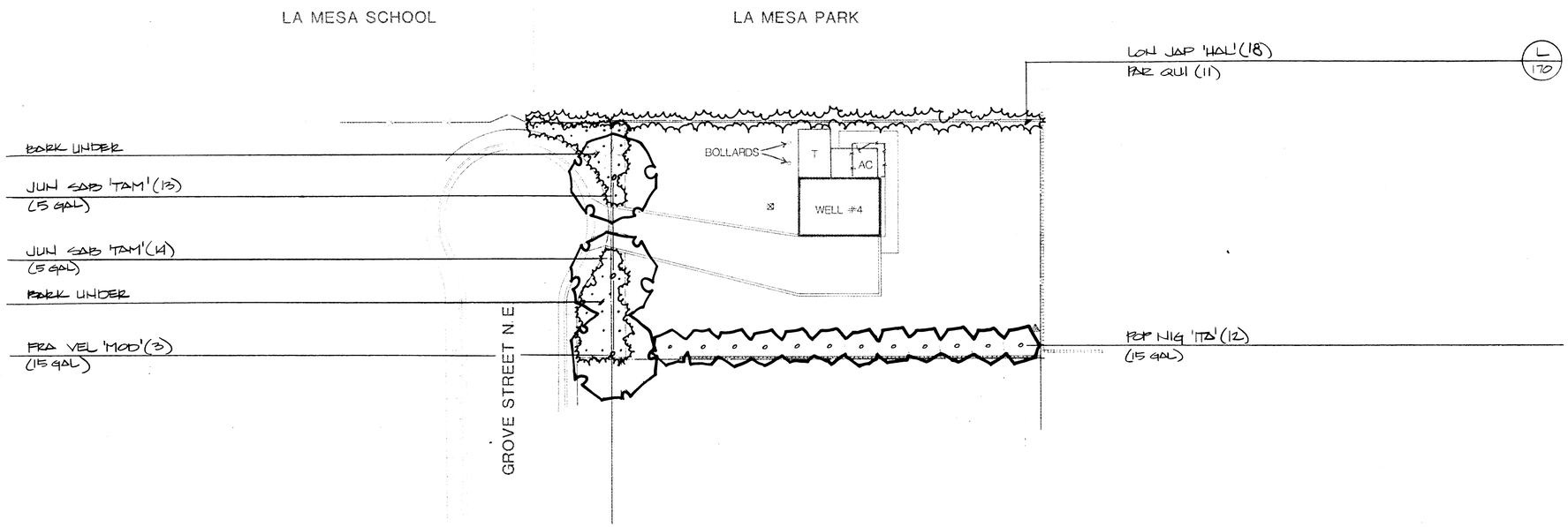
NOVEMBER 1986

AS BUILT

RIDGECREST WELL #4
324 GROVE NE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 112 OF 172



SCALE 1"=20'-0"

0 10 20 40

26 3097 9686

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER
1986

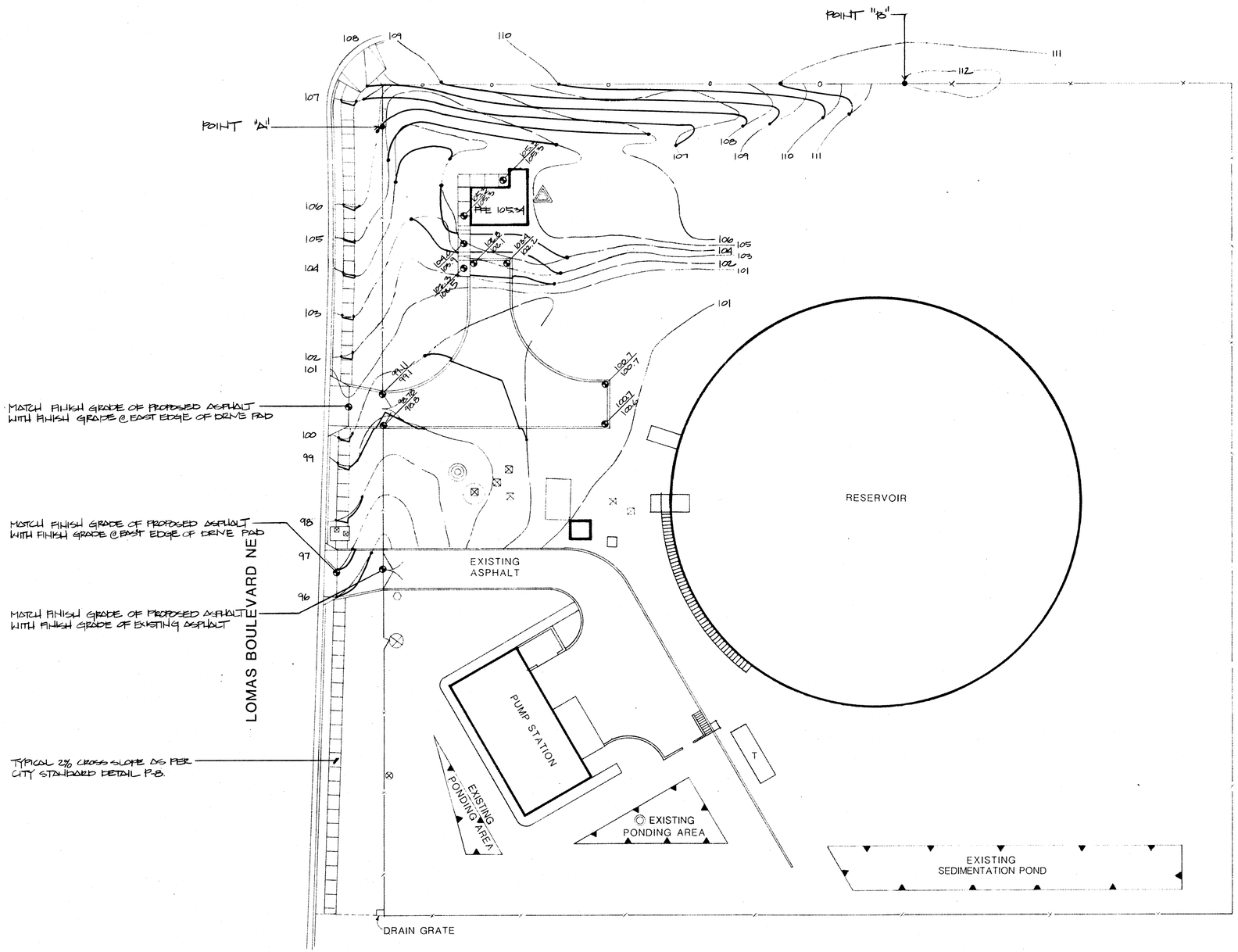
RIDGECREST WELL #4
324 GROVE NE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
OF
172

CHAINLINK FENCE TO BE RECONSTRUCTED AT NEW GRADE BETWEEN POINTS "A" AND "B". (REFER TO CONSTRUCTION PLAN)



SCALE 1"=20'-0"

0 10 20 40

26 3097 9786

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

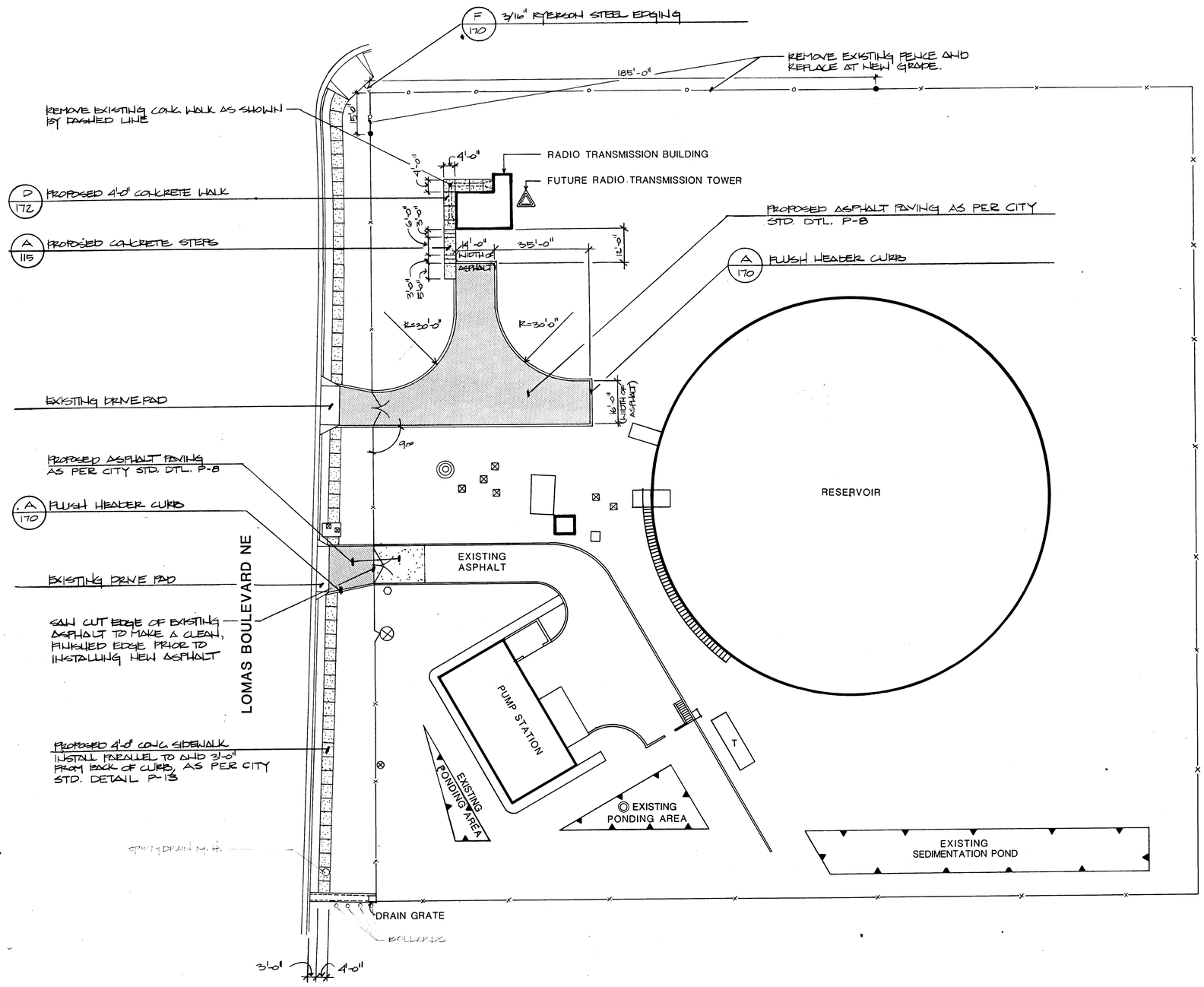
NOVEMBER 1986

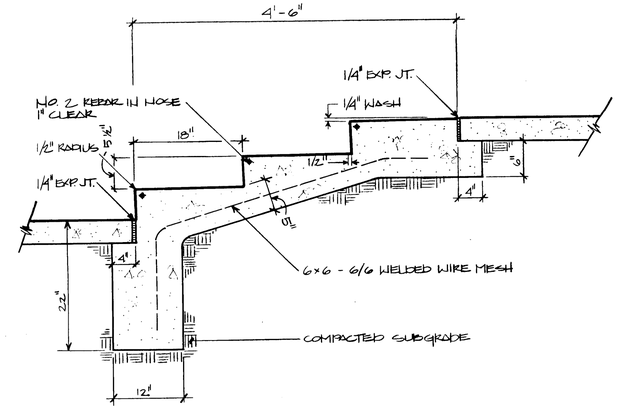
SANDIA MANOR RESERVOIR & PUMP STATION
15000 LOMAS BOULEVARD NE
GRADING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 14 OF 172





A 115 PROPOSED CONCRETE STEPS
SCALE 1" = 1'-0"

SCALE 1" = 20'-0"
0 10 20 40

26 3097 9886

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

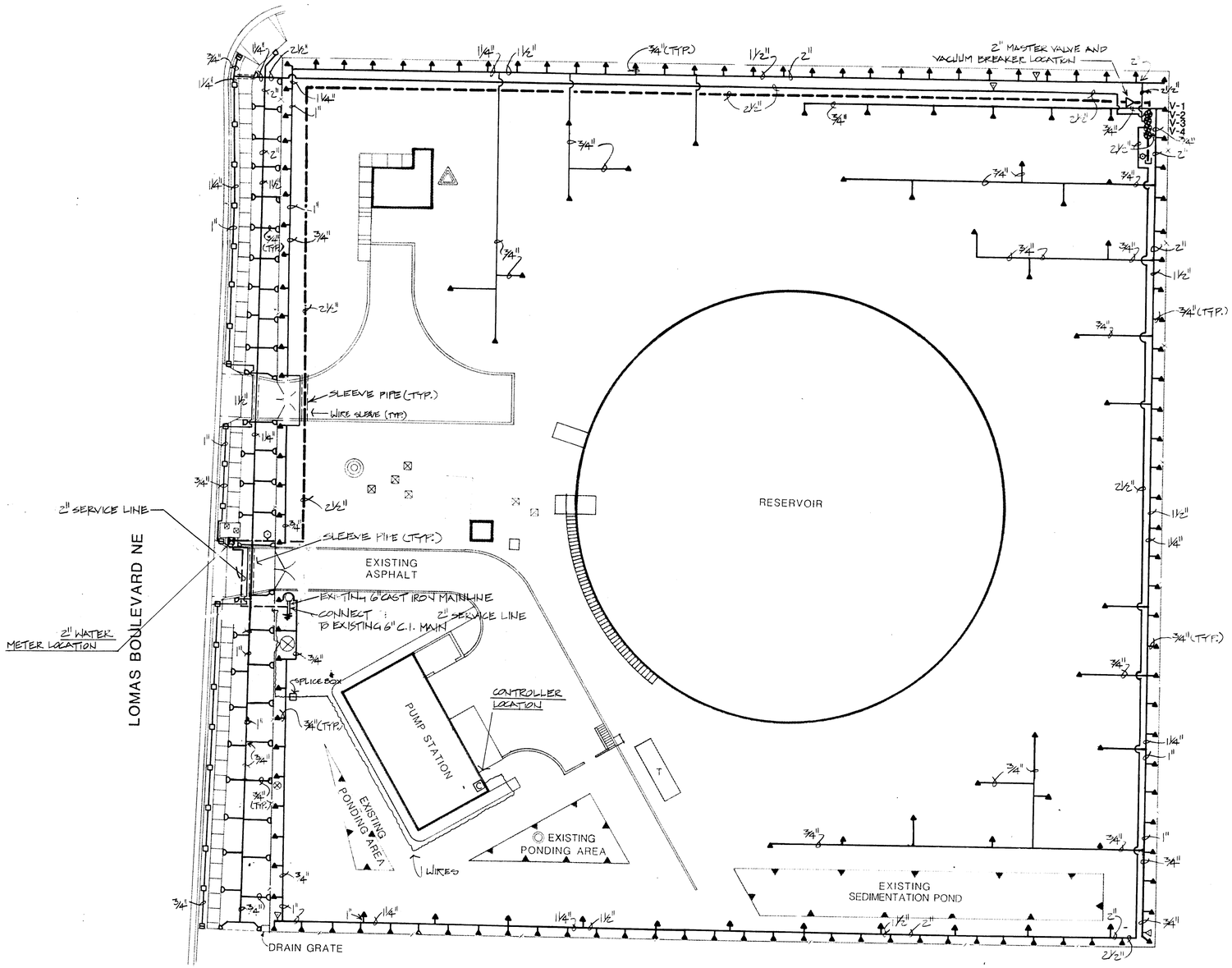
NOVEMBER 1986

SANDIA MANOR RESERVOIR & PUMP STATION
15000 LOMAS BOULEVARD NE
CONSTRUCTION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 115 OF 172



ELECTRICAL PANEL

IRRIGATION CONTROLLER

CIRCUIT # 1

3/4" RIGID STEEL CONDUIT, 110 VOLT CONDUIT

1 1/2" RIGID STEEL CONDUIT, 24 VOLT CONDUIT TO REMOTE CONTROL VALVES.

SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1"=20'-0"

0 10 20 40

26 3097 9986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

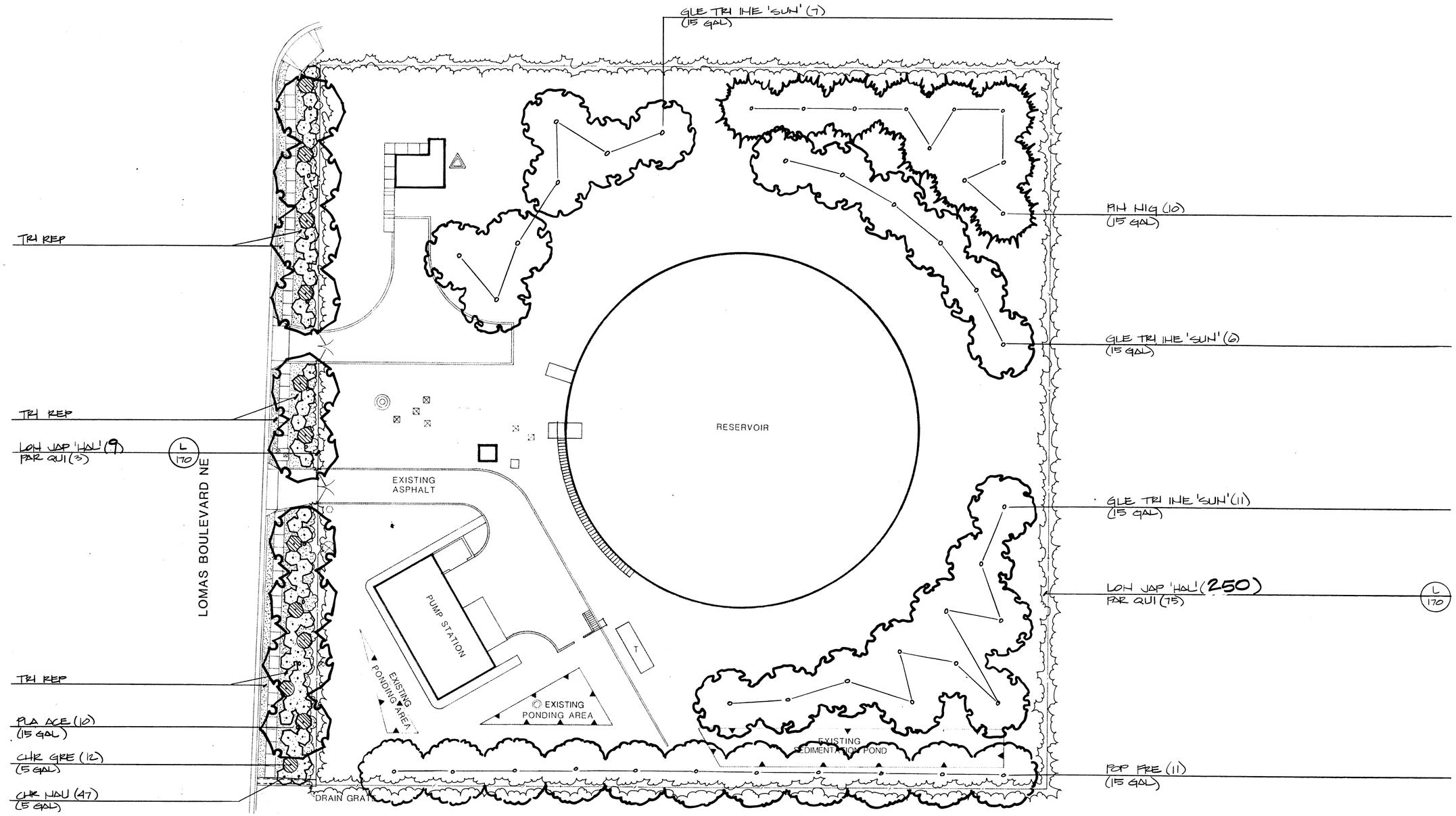
NOVEMBER 1986

SANDIA MANOR RESERVOIR & PUMP STATION
15000 LOMAS BOULEVARD NE
IRRIGATION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
10 OF 172



SCALE 1"=20'-0"

0 10 20 40

26 30971 0086

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

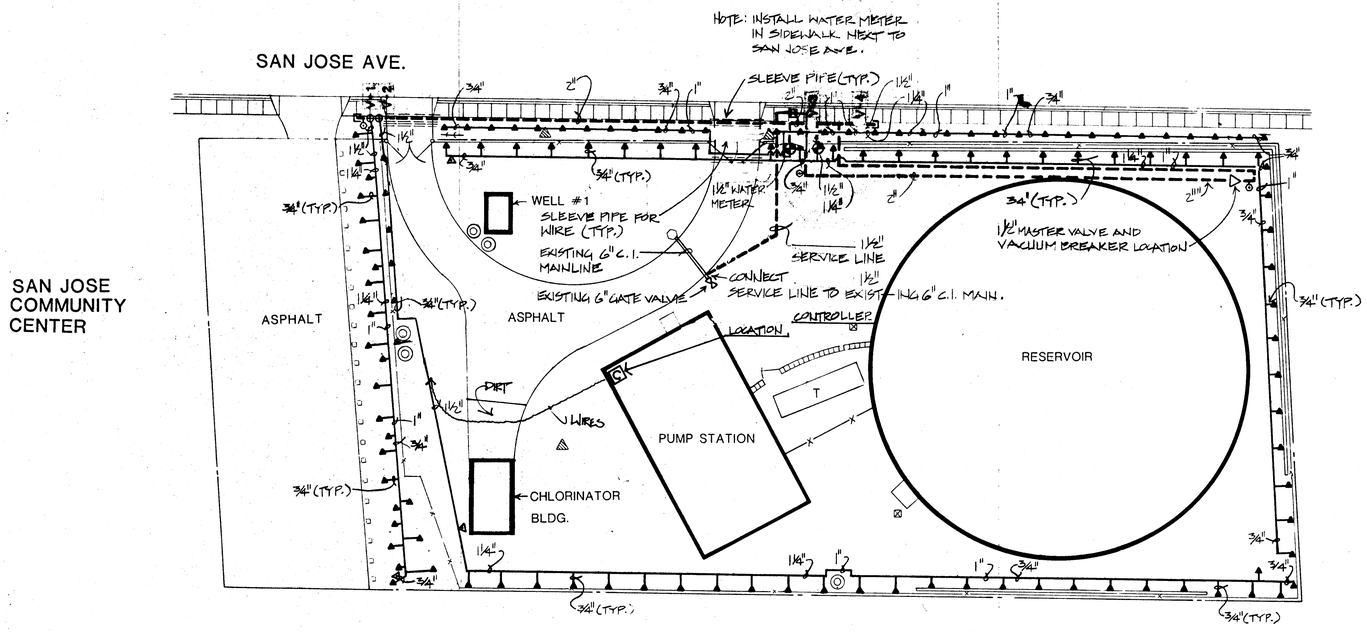
NOVEMBER
1986

SANDIA MANOR RESERVOIR & PUMP STATION
15000 LOMAS BOULEVARD NE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
117
OF
172



ELECTRICAL PANEL

IRRIGATION CONTROLLER

CIRCUIT #8

¾" RIGID STEEL CONDUIT, 110 VOLT CIRCUIT

1½" RIGID STEEL CONDUIT, 24 VOLT CIRCUITS TO REMOTE CONTROL VALVE

SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1"=20'-0"

0 10 20 40

26 30971 D186

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

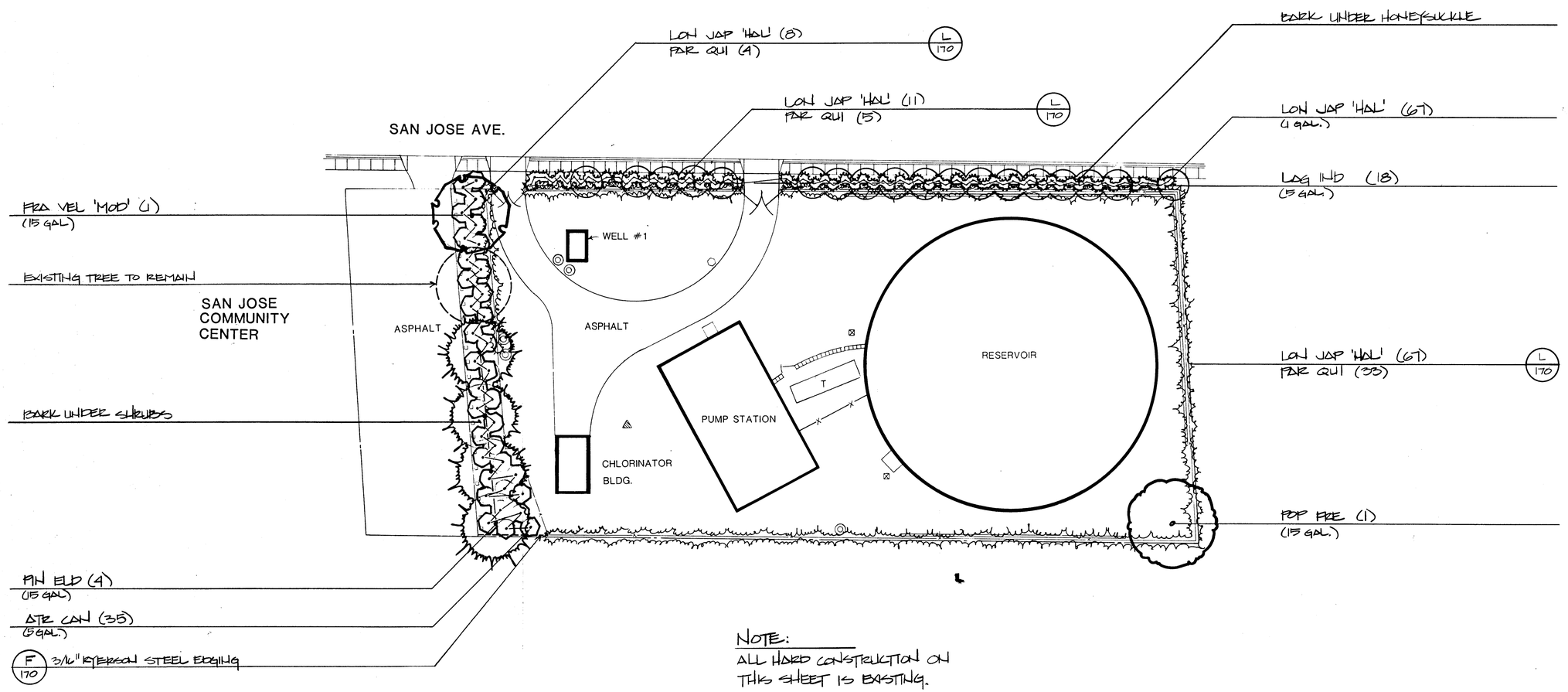
SAN JOSE WELL #1, RESERVOIR & PUMP STATION
500 SAN JOSE AVENUE SE

AS BUILT

IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 172



NOTE:
ALL HARD CONSTRUCTION ON THIS SHEET IS EXISTING.

SCALE 1"=20'-0"
0 10 20 40

26 309710286

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

SAN JOSE WELL #1, RESERVOIR & PUMP STATION
500 SAN JOSE AVENUE SE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
1 OF 1
72

SCALE 1"=20'-0"
0 10 20 40

26 309710386

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

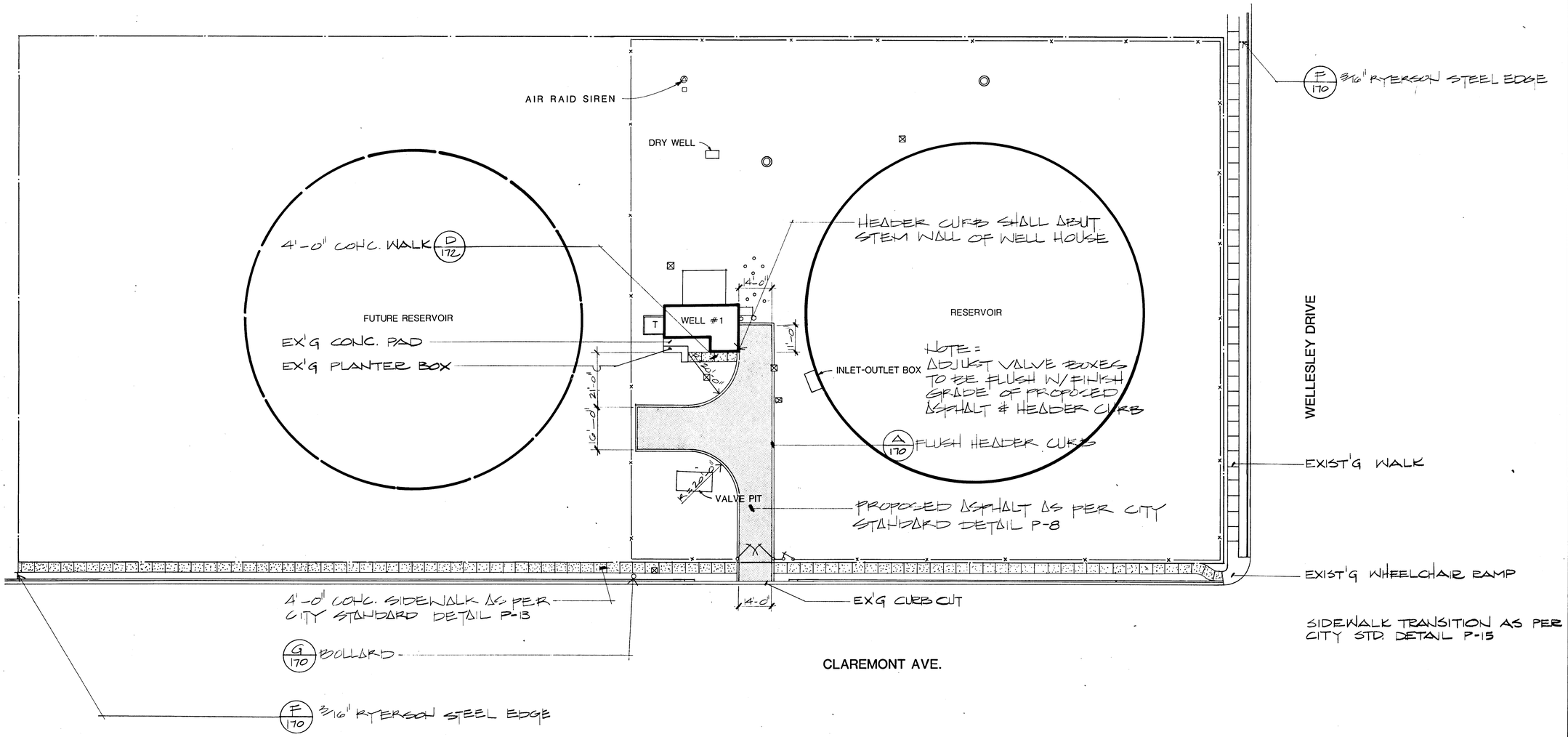
NOVEMBER 1986

SANTA BARBARA WELL #1 AND RESERVOIR
3301 CLAREMONT AVE. NE
GRADING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 124 OF 172



SCALE 1"=20'-0"
0 10 20 40

26 309710486

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

SANTA BARBARA WELL #1 AND RESERVOIR
3301 CLAREMONT AVE. NE
CONSTRUCTION PLAN
AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
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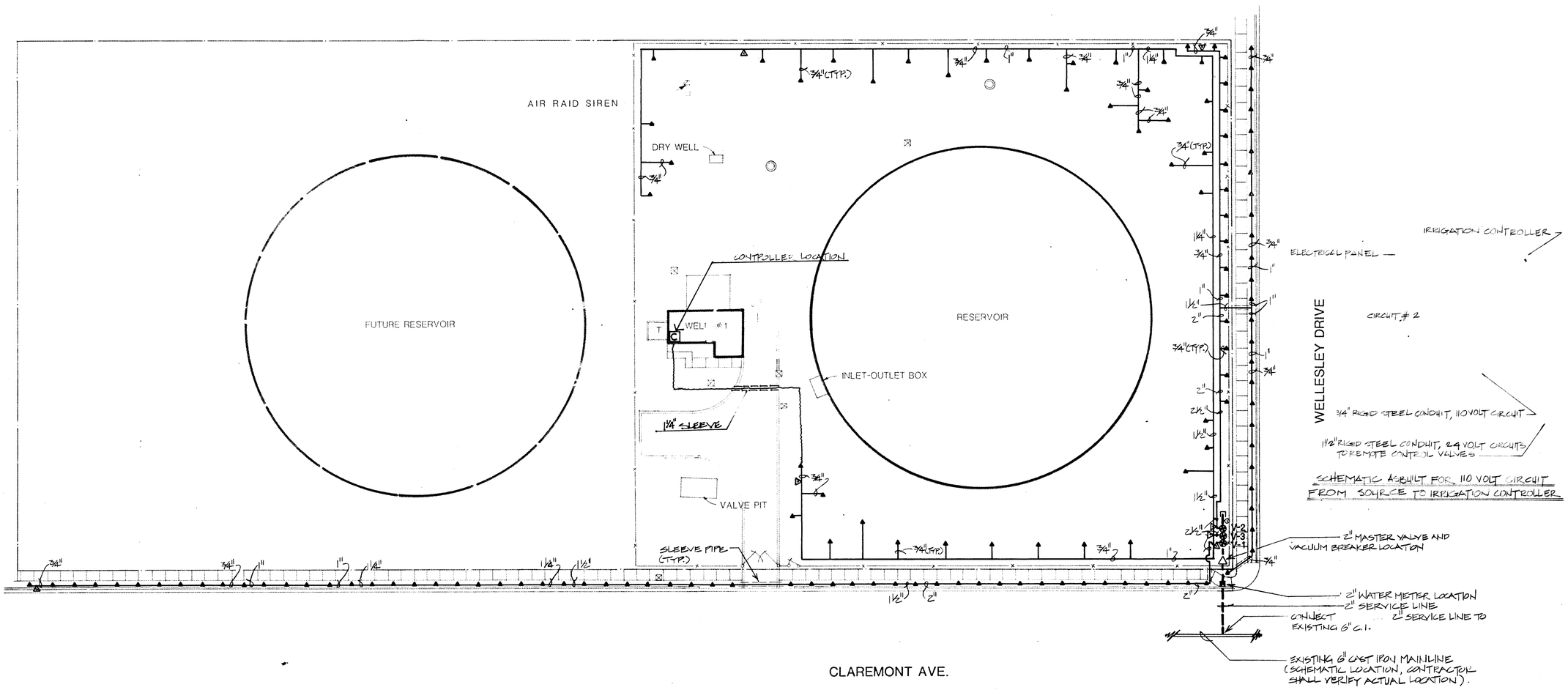
of
172



SCALE 1"=20'-0"
0 10 20 40

26 309710586

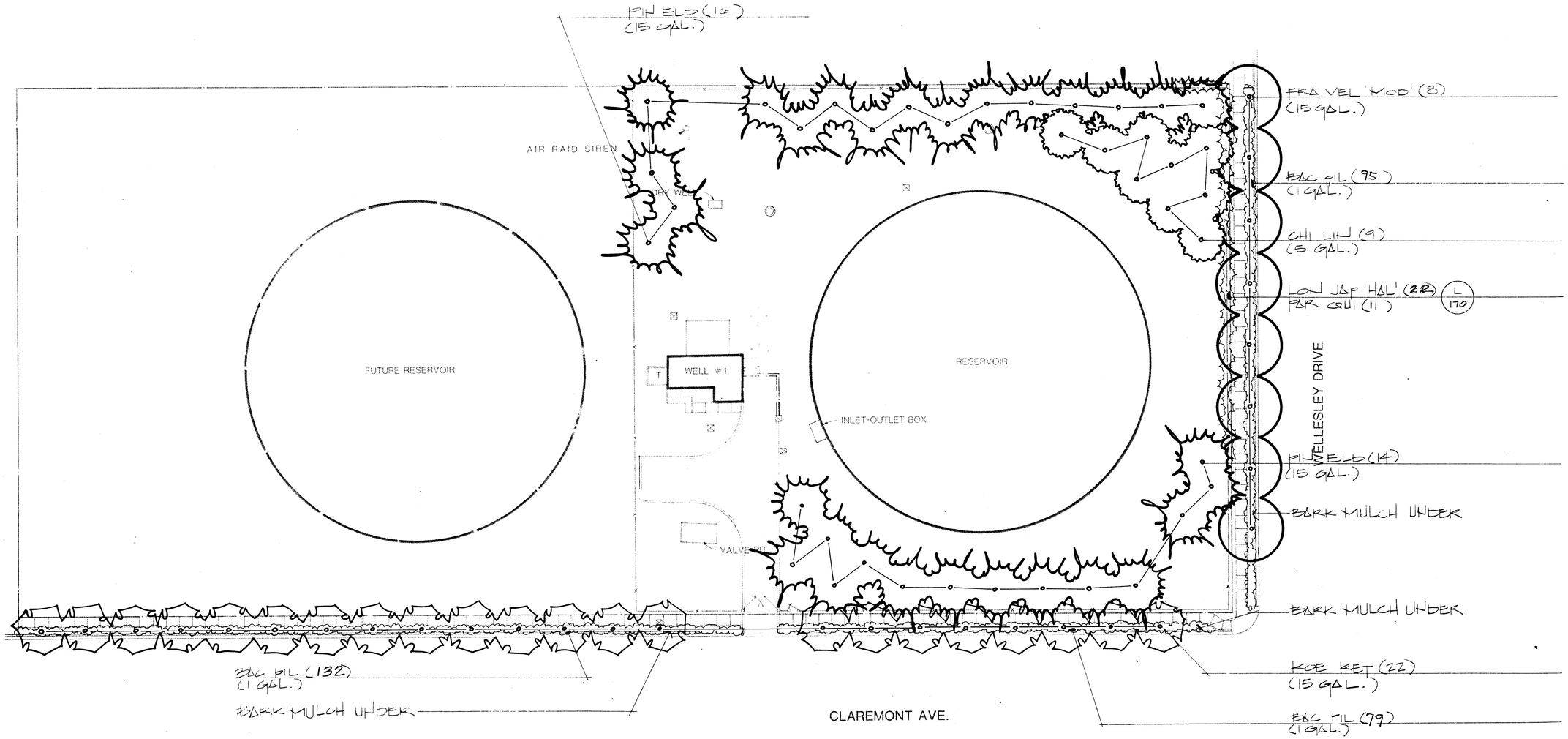
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

SANTA BARBARA WELL #1 AND RESERVOIR
3301 CLAREMONT AVE. NE.
IRRIGATION PLAN
AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 120 OF 172



SCALE 1"=20'-0"
0 10 20 40

26 309710686

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

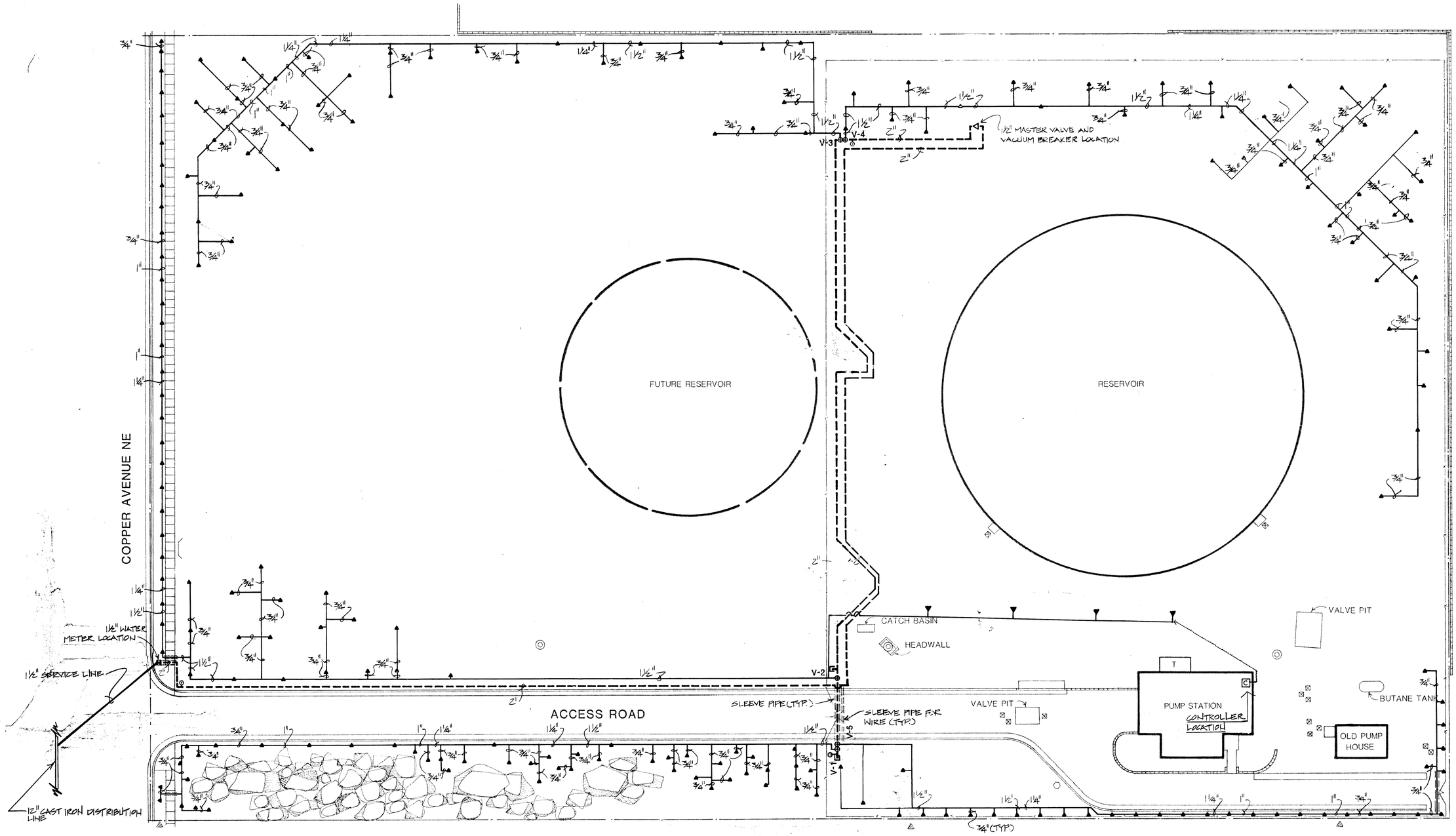
NOVEMBER 1986

SANTA BARBARA WELL #1 AND RESERVOIR
3301 CLAREMONT AVE. NE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
127
of
172



SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1" = 20'-0"

0 10 20 40

26 309710786

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

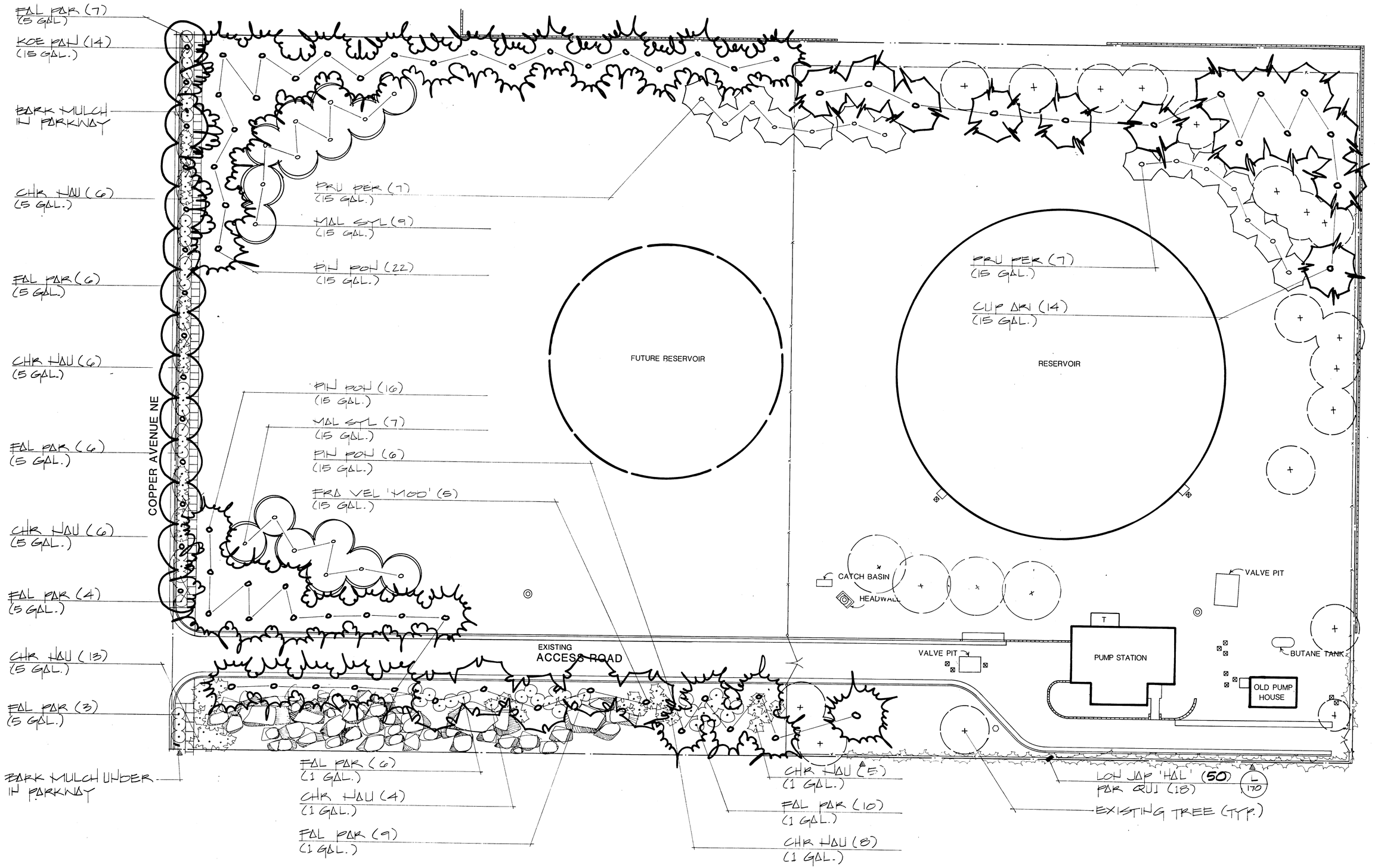
NOVEMBER 1986

SUPPER ROCK RESERVOIR & PUMP STATION
14529 MEL SMITH ROAD NE
IRRIGATION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 128 OF 172



26 309710886

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

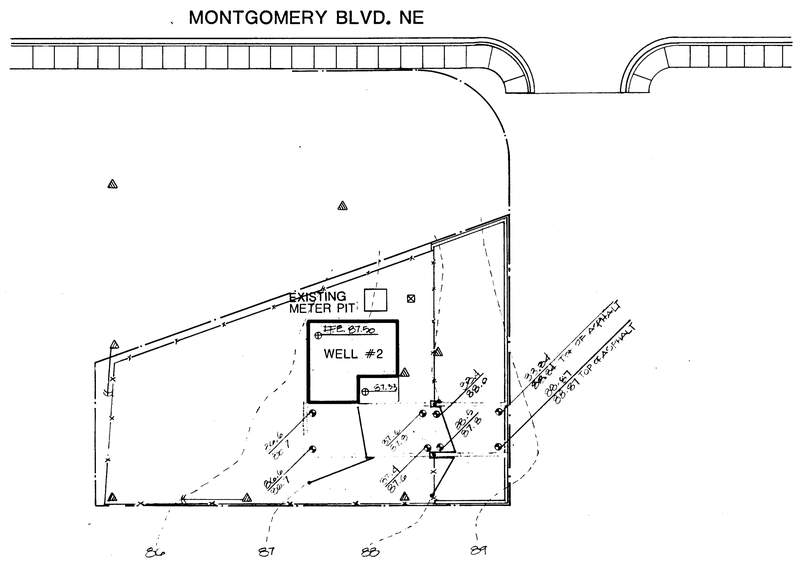
NOVEMBER
1986

SUPPER ROCK RESERVOIR & PUMP STATION
14529 MEL SMITH ROAD NE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
129
of
172



SCALE 1"=20'-0"

0 10 20 40

26 309710986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

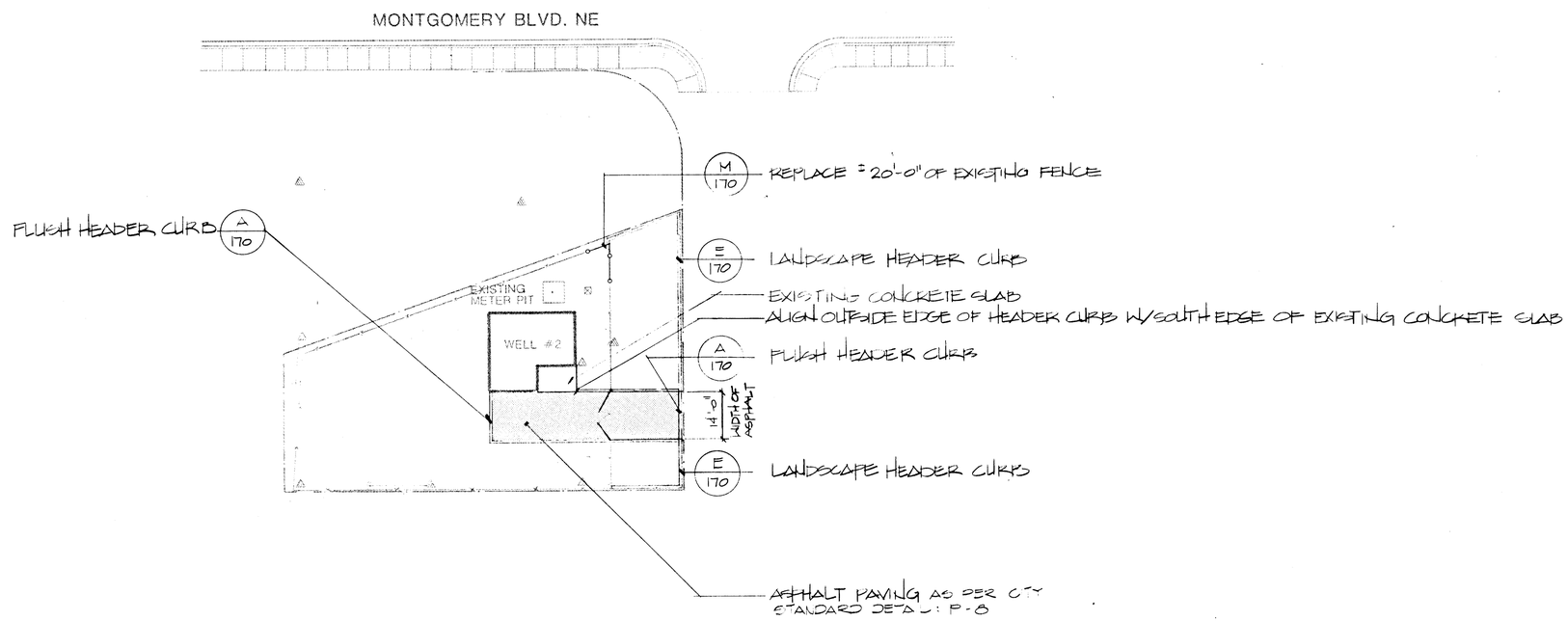
NOVEMBER 1986

AS BUILT

THOMAS WELL #2
8924 A MONTGOMERY BLVD. NE
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
19
19
2



SCALE 1"=20'-0"
0 10 20 40

26 309711086

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

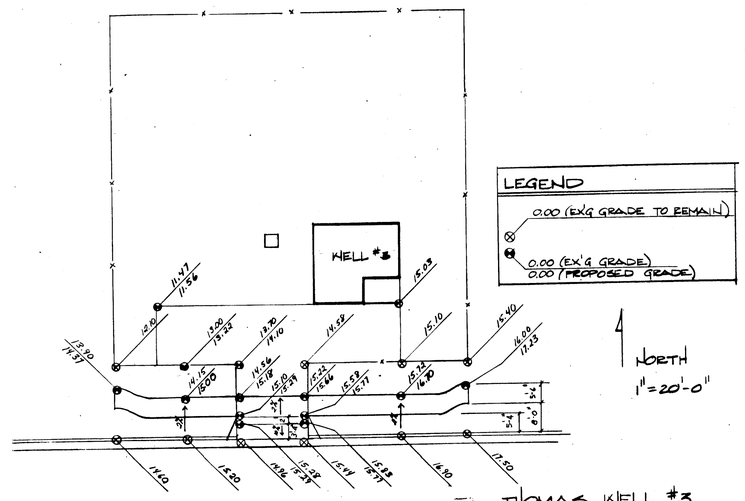
NOVEMBER 1986

AS BUILT

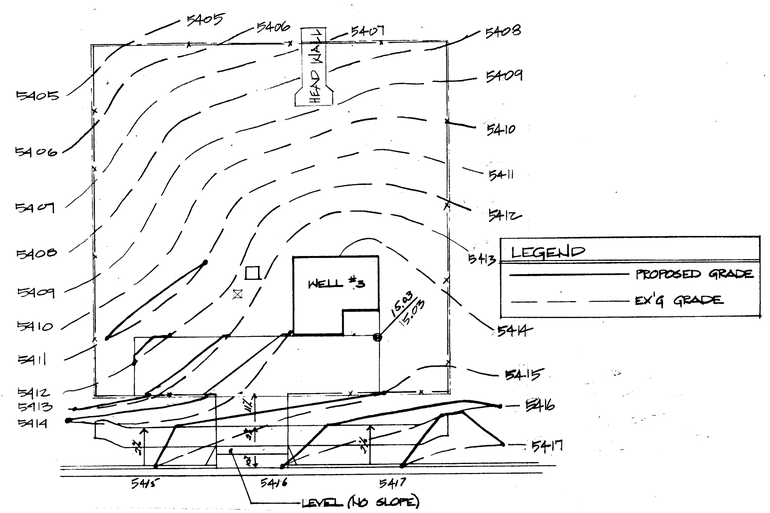
THOMAS WELL #2
8924 A MONTGOMERY BLVD. NE
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 131 OF 172



THOMAS WELL #3
REVISED SPOT ELEV. PLAN
7/29/87
MORROW + CO.



OSUNA NE

THOMAS WELL #3
REVISED CONTOUR PLAN
7/29/87

SCALE 1" = 20'-0"
0 10 20 40

26 309711386

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

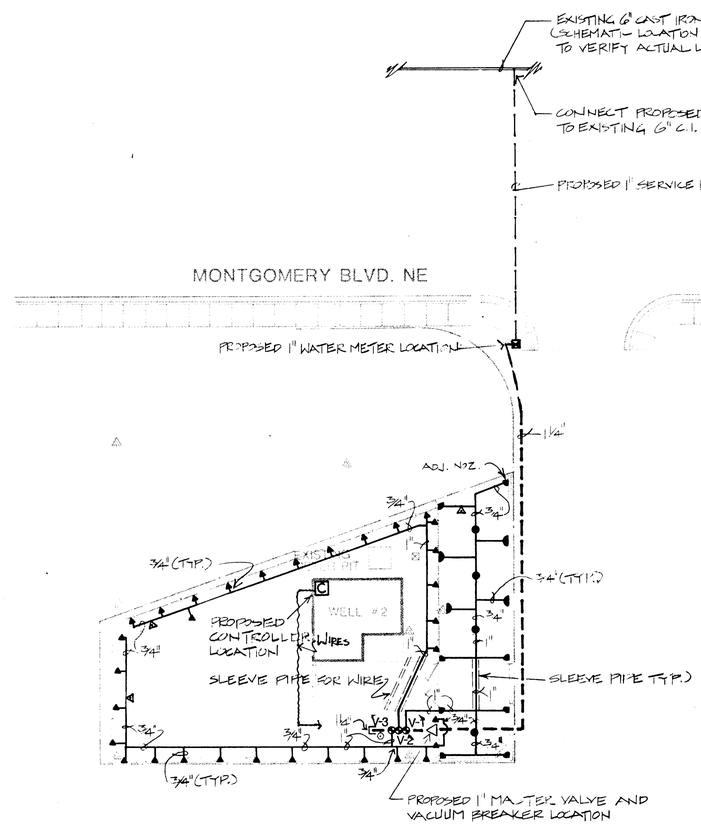
NOVEMBER 1986

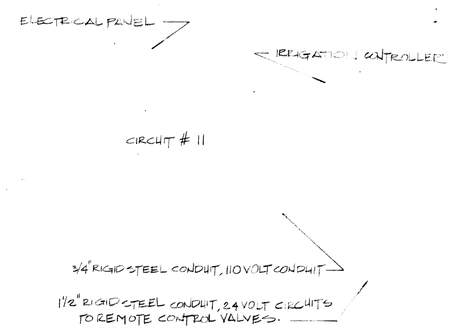
AS BUILT

THOMAS WELL #3
7907 OSUNA ROAD NE
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
~~34~~
~~97~~
172





SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1"=20'-0"

0 10 20 40

26 309711186

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

THOMAS WELL #2
8924 A MONTGOMERY BLVD. NE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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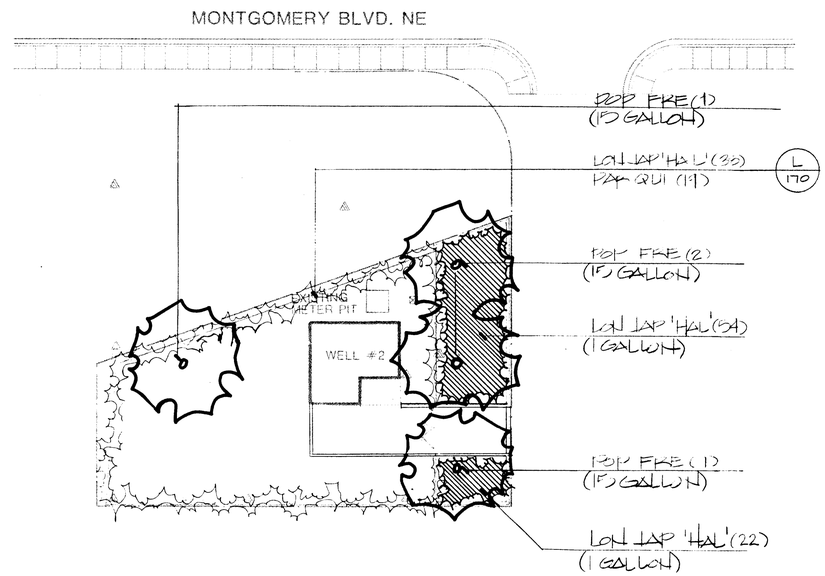
132
of
172



SCALE 1"=20'-0"

0 10 20 40

26 309711286

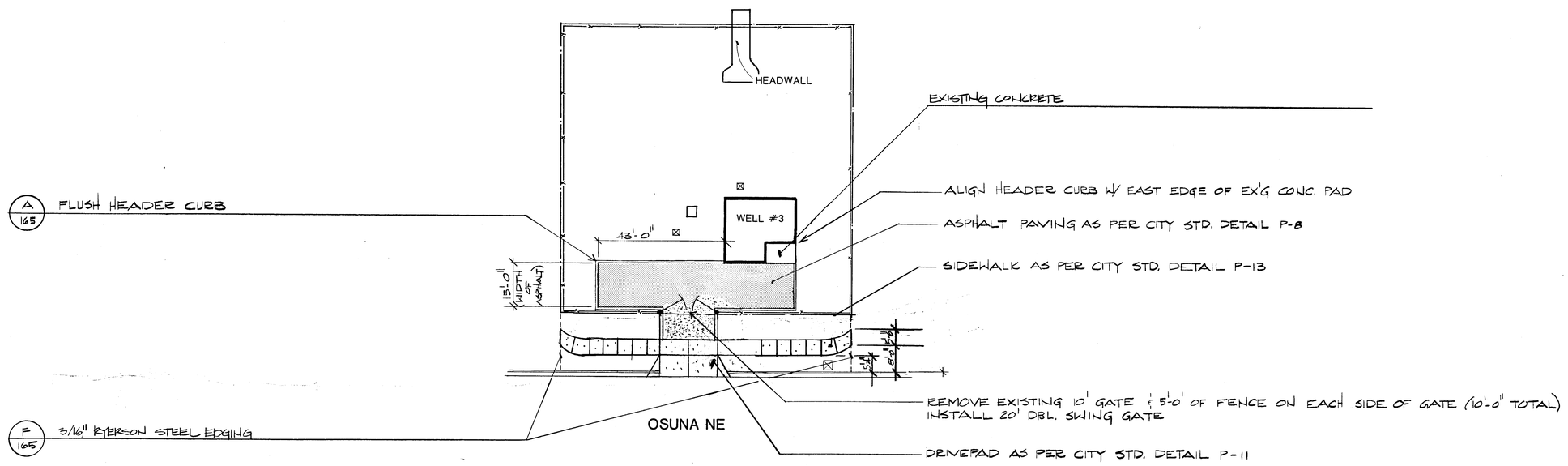
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER
1986

THOMAS WELL #2
8924 A MONTGOMERY BLVD. NE
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
L-3
OF
L-2



SCALE 1"=20'-0"

0 10 20 40

26 309711486

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

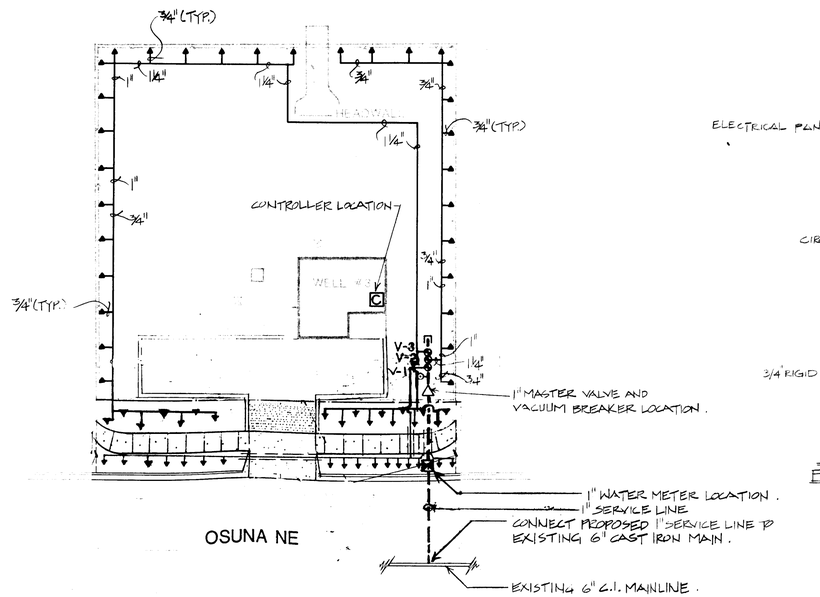
NOVEMBER 1986

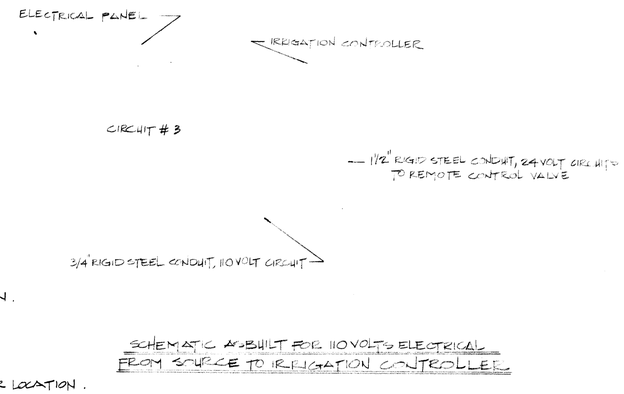
AS BUILT

THOMAS WELL #3
7907 OSUNA ROAD NE
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 135 OF 172





SCHEMATIC AS-BUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1"=20'-0"

0 10 20 40

26 309711586

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

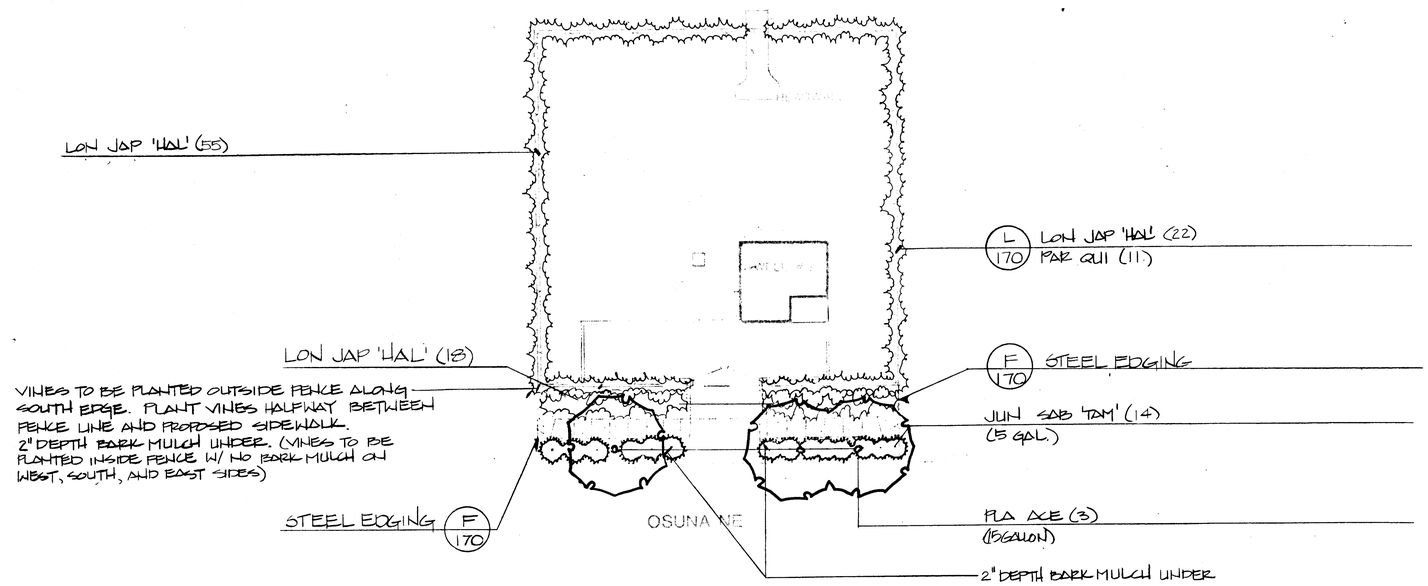
NOVEMBER 1986

AS BUILT

THOMAS WELL #3
7907 OSUNA ROAD NE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
36
72



SCALE 1"=20'-0"

0 10 20 40

2.6 309711686

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

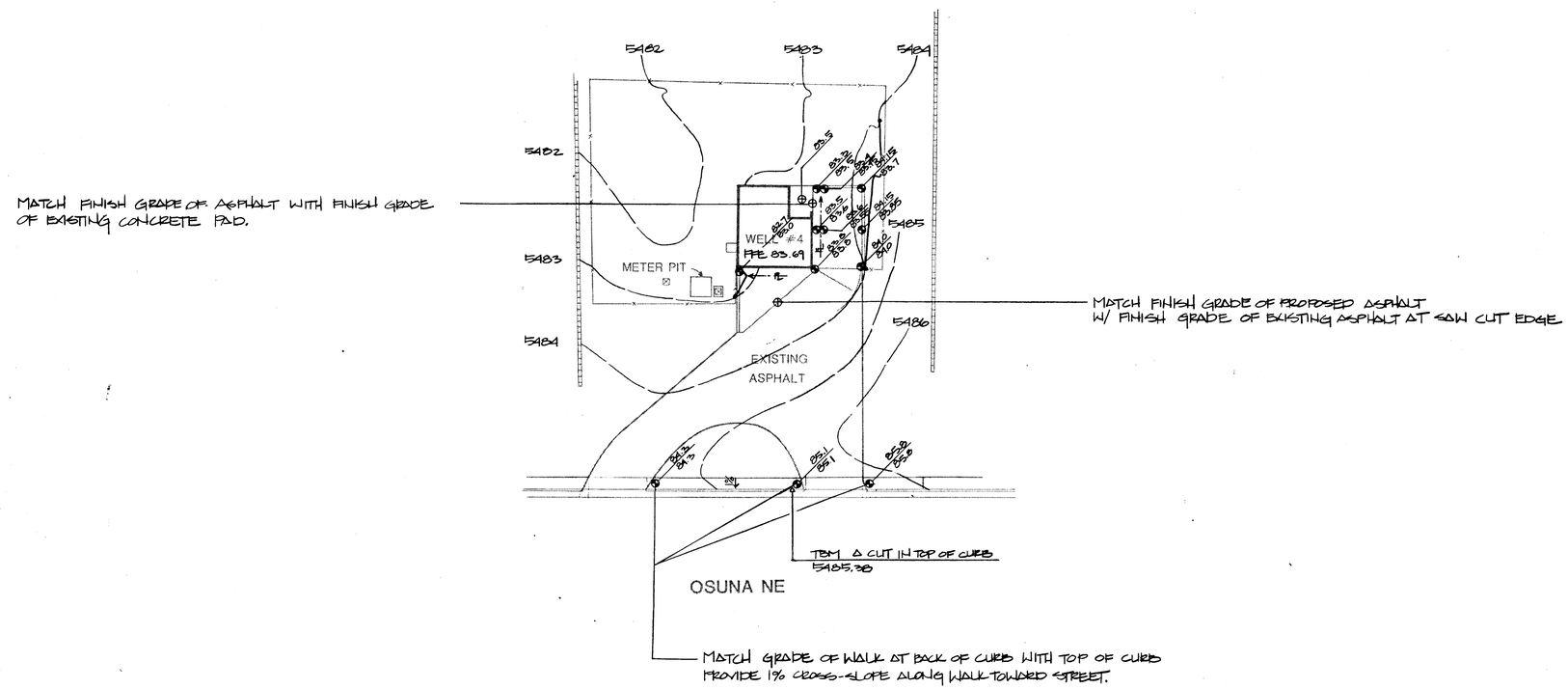
NOVEMBER 1986

AS BUILT

THOMAS WELL #3
7907 OSUNA ROAD NE
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
37
OF
72



SCALE 1"=20'-0"

0 10 20 40

26 309711786

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

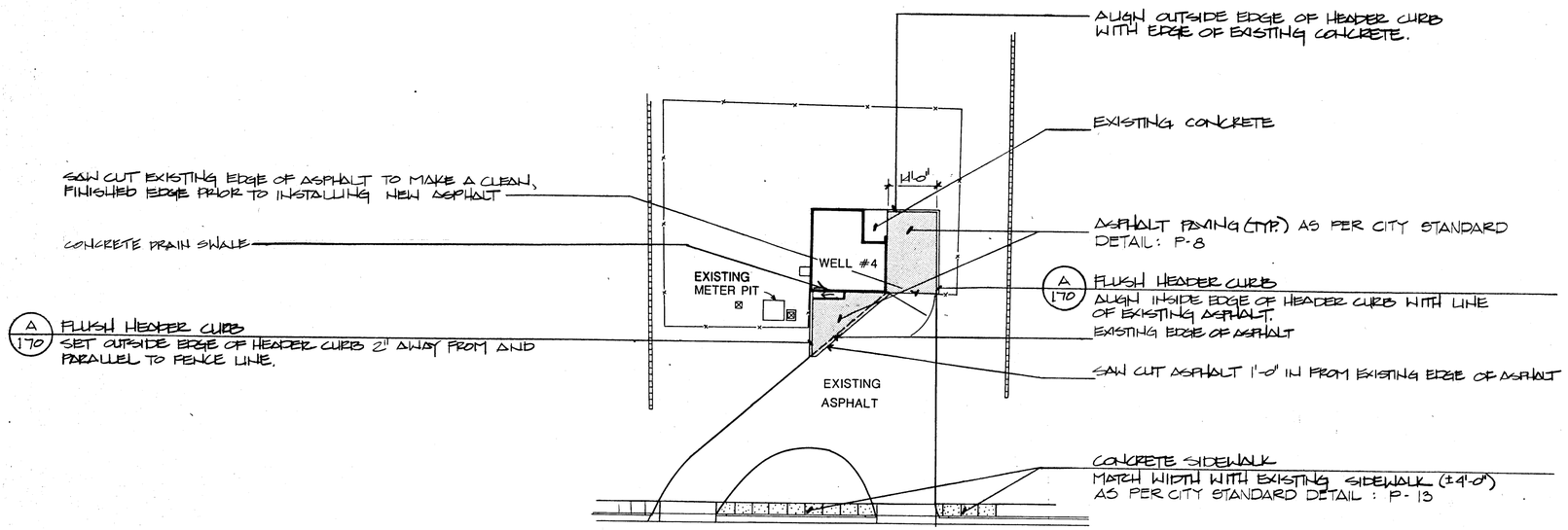
NOVEMBER 1986

AS BUILT

THOMAS WELL #4
8729 OSUNA NE
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
38 OF 72



OSUNA NE

SCALE 1"=20'-0"
0 10 20 40

26 3097 11 88.6

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

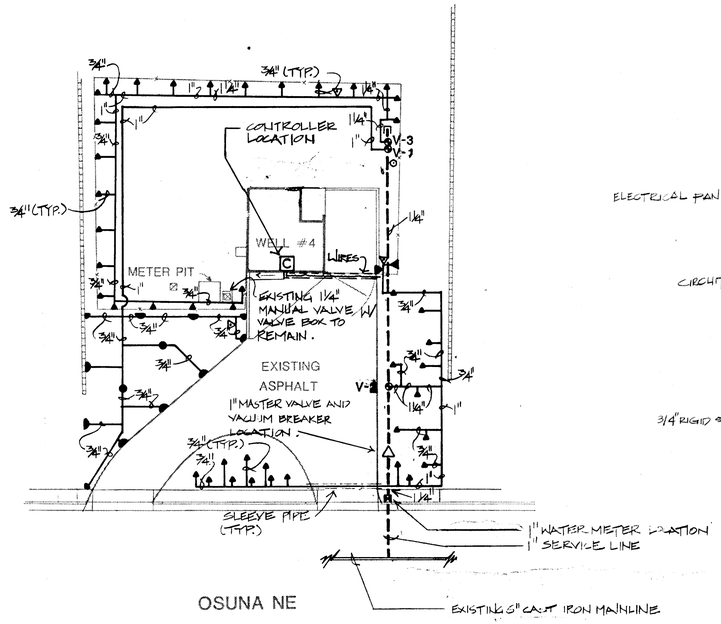
NOVEMBER 1986

AS BUILT

THOMAS WELL #4
8729 OSUNA NE
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
139
170
172



ELECTRICAL PANEL

IRRIGATION CONTROLLER

CIRCUIT # 2

1 1/2" RIGID STEEL CONDUIT, 24 VOLT CIRCUITS TO REMOTE CONTROL

3/4" RIGID STEEL CONDUIT, 110 VOLT CIRCUIT

SCHEMATIC AS-BUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1" = 20'-0"

0 10 20 40

26 309 711 986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

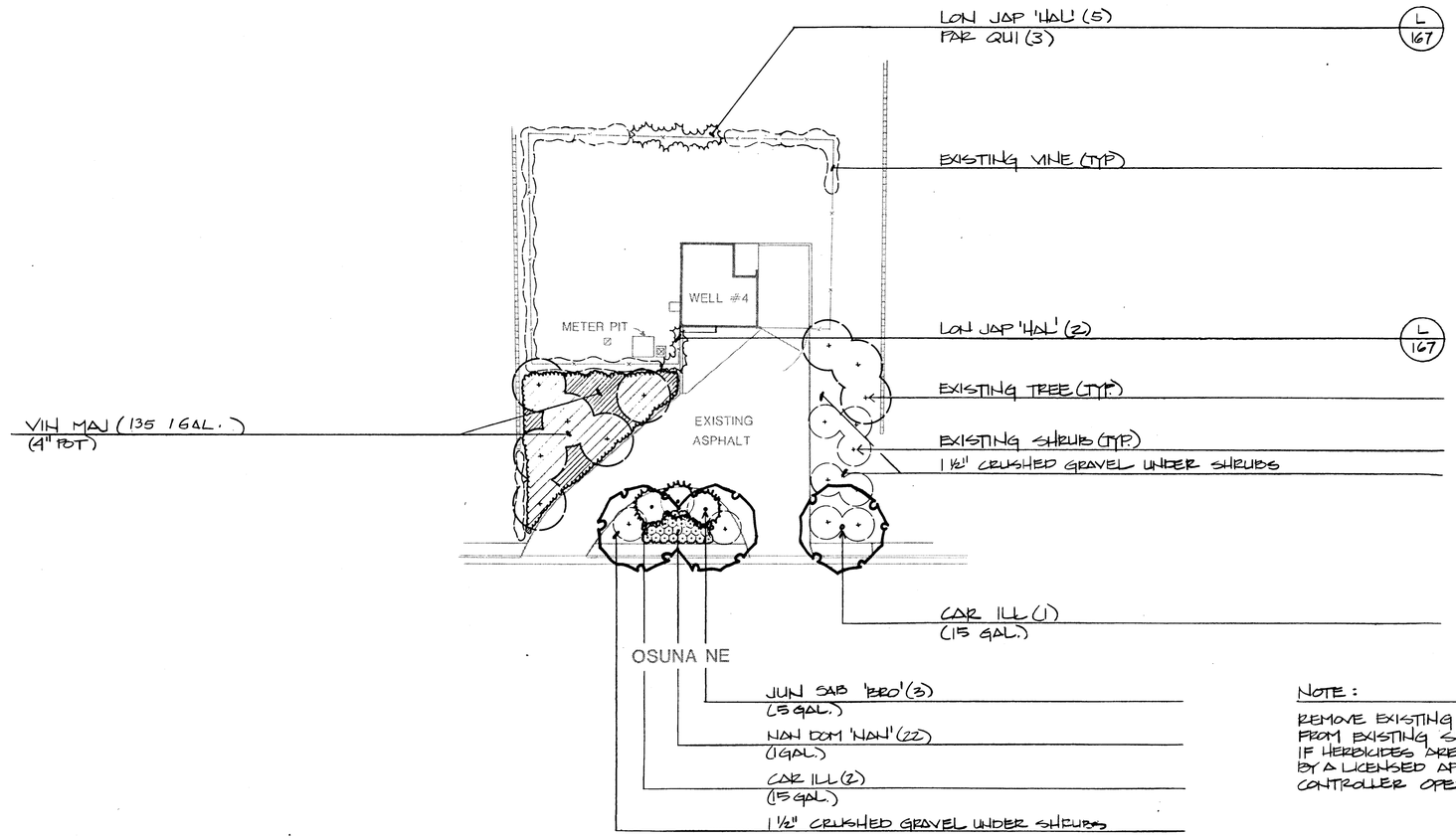
NOVEMBER 1986

AS BUILT

THOMAS WELL #4
8729 OSUNA NE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 146 OF 172



NOTE:

REMOVE EXISTING WEEDS AND VOLUNTEER GRASSES FROM EXISTING SHRUB BEDS PRIOR TO PLANTING. IF HERBICIDES ARE USED THEY SHALL BE APPLIED BY A LICENSED APPLICATOR WHO HAS A PEST CONTROLLER OPERATOR'S CERTIFICATE.

SCALE 1"=20'-0"
0 10 20 40

26 309 712 086

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER
1986

AS BUILT

THOMAS WELL #4
8729 OSUNA NE
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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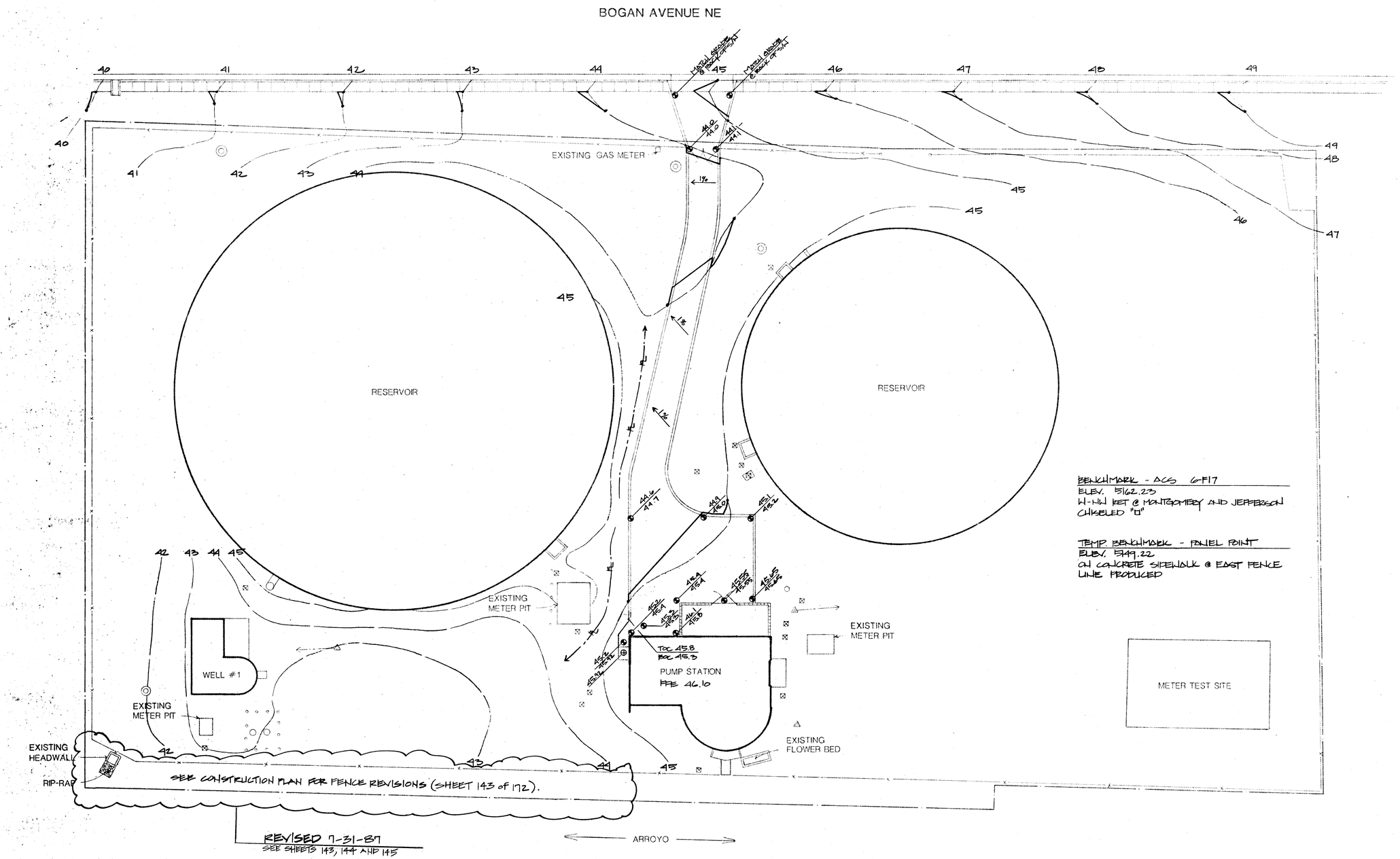

SCALE 1"=20'-0"

0 10 20 40

26 30 9 7 12 18 6

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

VOL-ANDIA WELL #1, RESERVOIR #1 & #2 &
PUMP STATION
4300 BOGAN AVENUE NE
GRADING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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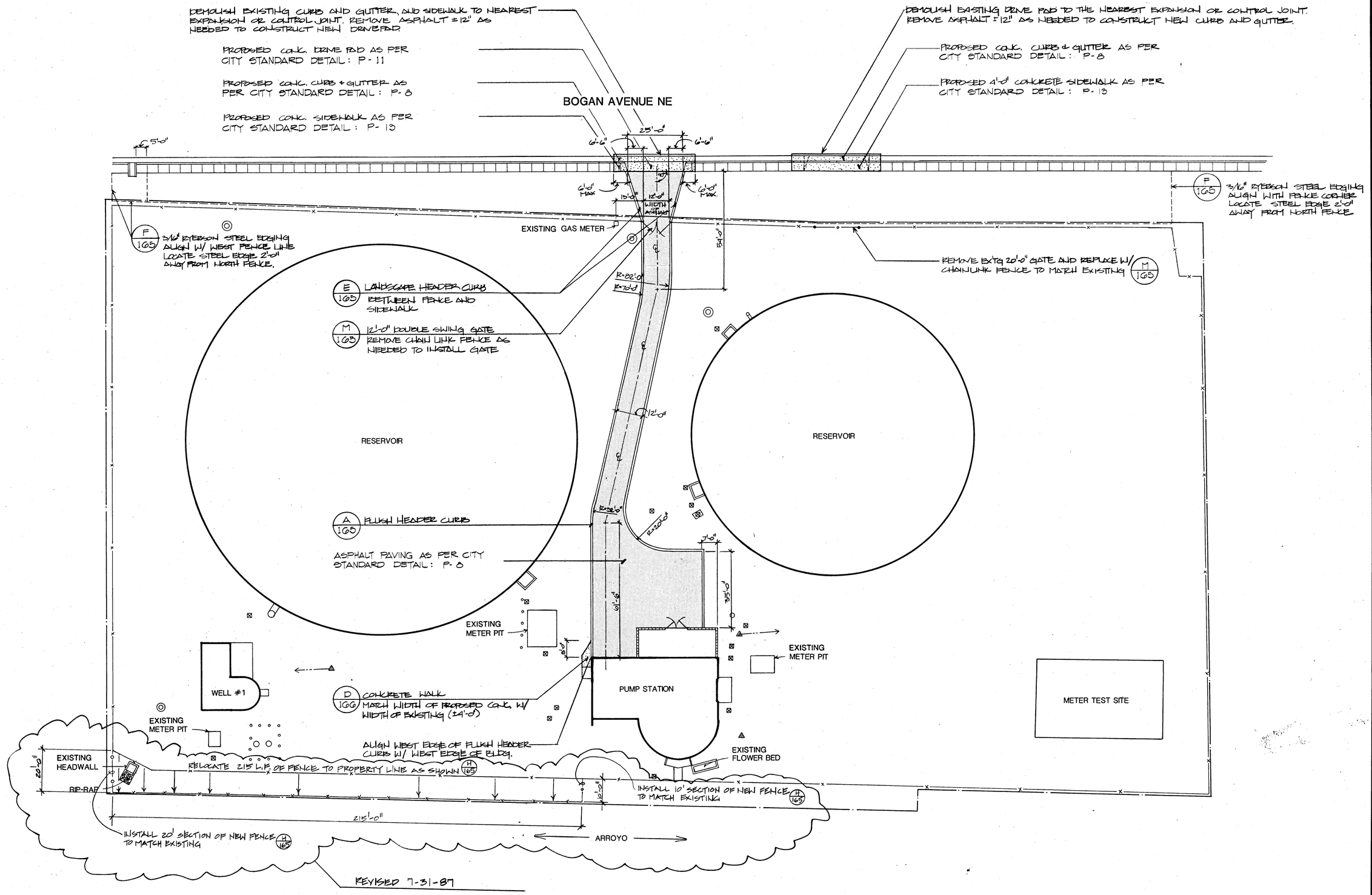

26 309712286

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

VOL-ANDIA WELL #1, RESERVOIR #1 & #2 & PUMP STATION
4300 BOGAN AVENUE NE
CONSTRUCTION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
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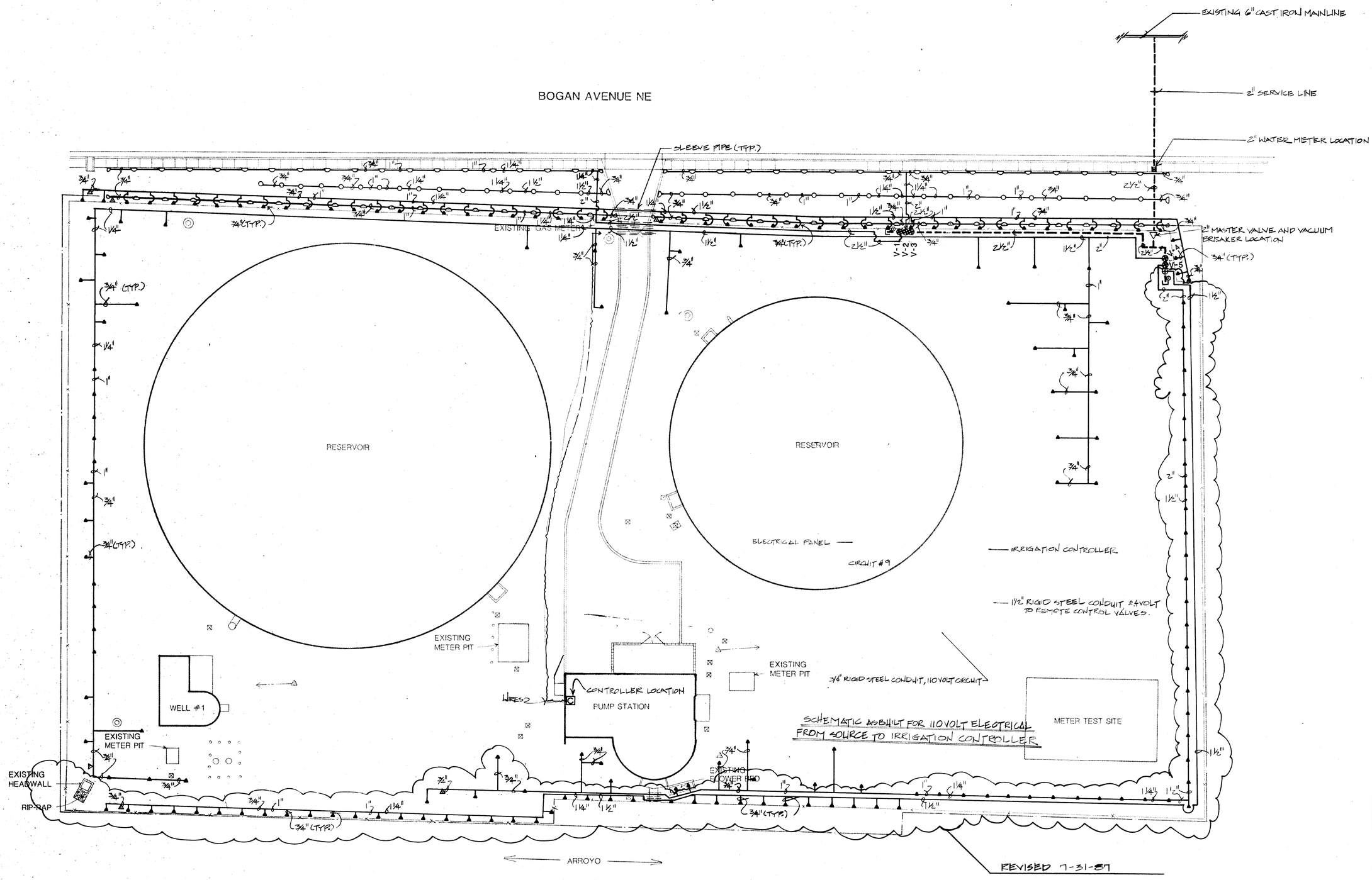
10 OF 12



SCALE 1"=20'-0"
0 10 20 40

26 309712386

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

VOL-ANDIA WELL #1, RESERVOIR #1 & #2 & PUMP STATION
4300 BOGAN AVENUE NE
IRRIGATION PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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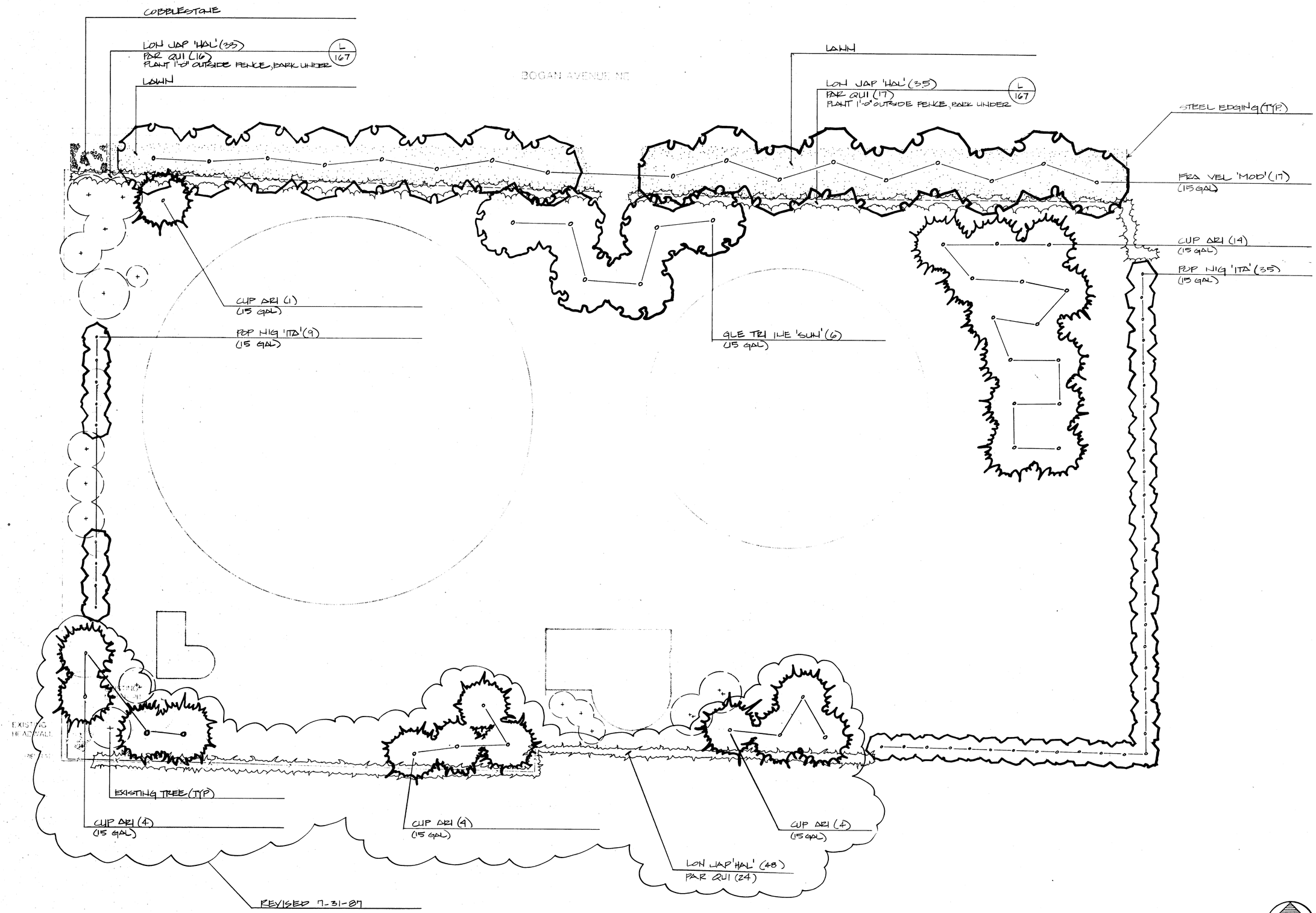
OF
172



SCALE 1"=20'-0"
0 10 20 40

26. 309712486

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

VOL-ANDIA WELL #1, RESERVOIR #1 & #2 &
PUMP STATION
4300 BOGAN AVENUE NE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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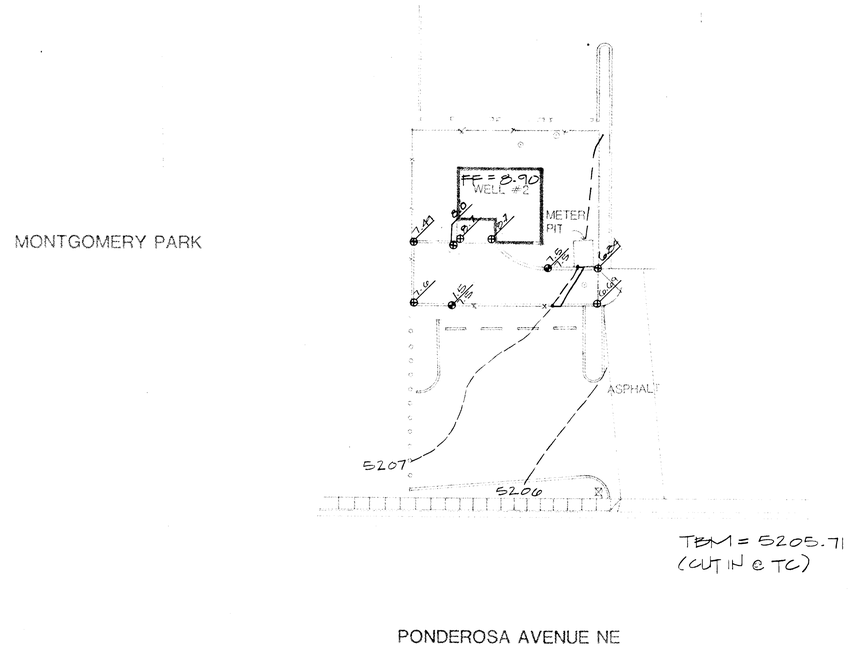
OF
172



SCALE 1"=20'-0"

0 10 20 40

26 30971 2586

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

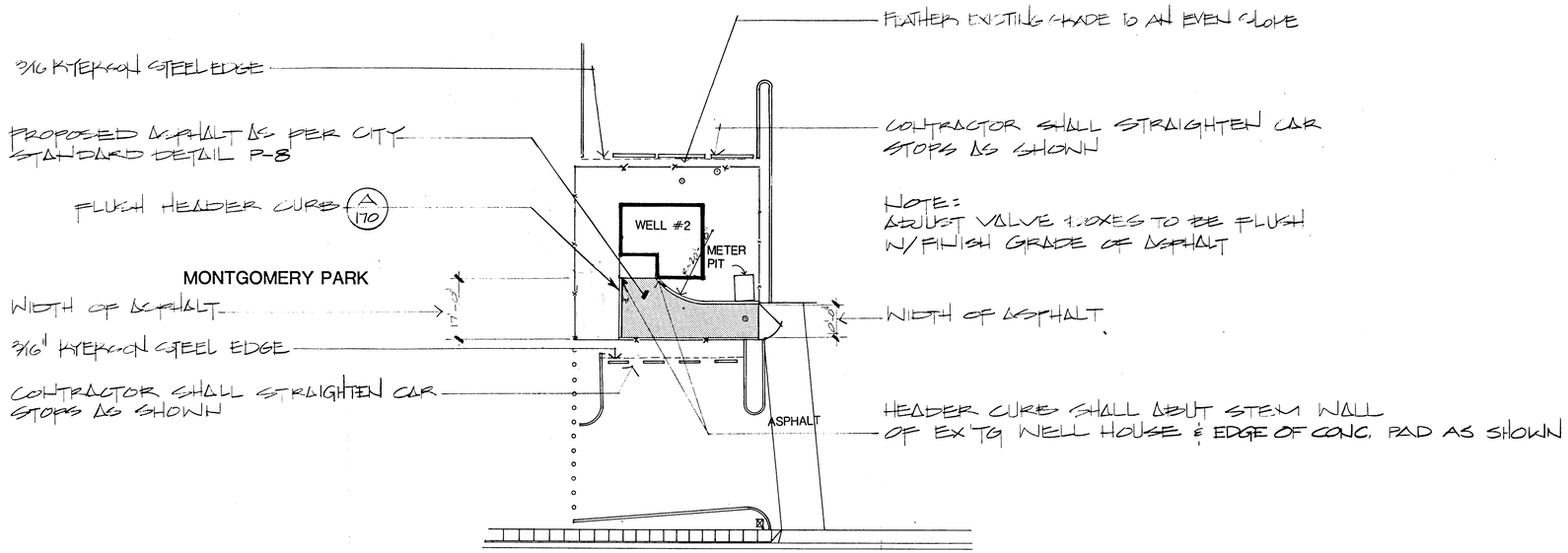
NOVEMBER 1986

AS BUILT

VOL-ANDIA WELL #2
5212 PONDEROSA AVENUE NE
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 2 of 6



PONDEROSA AVENUE NE

SCALE 1"=20'-0"

0 10 20 40

26 309712686

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

VOL-ANDIA WELL #2
5212 PONDEROSA AVENUE NE
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
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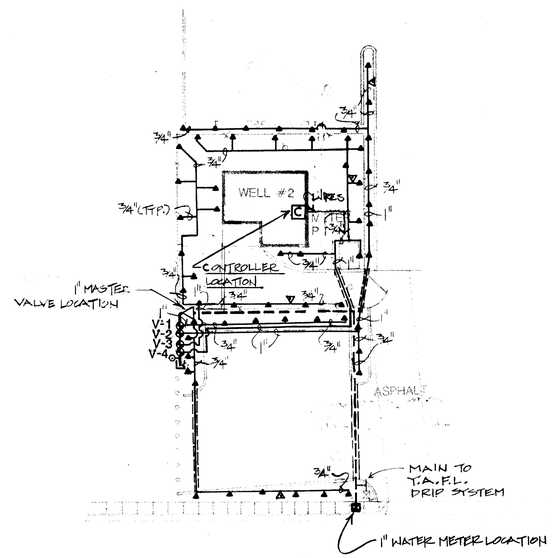
MONTGOMERY PARK



PONDEROSA AVENUE NE

ELECTRICAL PANEL

IRRIGATION CONTROLLER

CIRCUIT #4

1 1/2" RIGID STEEL CONDUIT, 24 VOLT CIRCUITS TO REMOTE CONTROL VALVE

3/4" RIGID STEEL CONDUIT, 110 VOLT CIRCUIT

SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1"=20'-0"

0 10 20 40

2.6 309712786

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

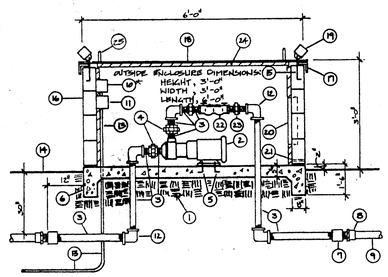
NOVEMBER 1986

AS BUILT

VOL-ANDIA WELL #2
5212 PONDEROSA AVENUE NE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 2 OF 2



1. COMPACT SUB-GRADE TO 95%
2. PLUNT AND WALLING MODEL NO. SPU-20-1 SELF PRIMING, 2 HP SINGLE PHASE BOOSTER PUMP. (BOLT TO PLANK).
3. 1½" GALVANIZED NIPPLE (LENGTH AS REQ).
4. 1½" GALVANIZED UNION.
5. 1/2" x 6" ANCHOR BOLTS.
6. 3000 PSI CONCRETE.
7. 1½" GALVANIZED COUPLING.
8. SCH. 80 PVC MALE ADAPTER.
9. PVC MAINLINE.
10. *FURNAS, 50/50-20 SAFETY DISCHARGE. STARTER CONTACTOR (INSTALL TO PANEL INSTRUCT.)
11. JUNCTION BOX, WEATHER PROOF
12. 1½" GALVANIZED ELL
13. 3/4" RIGID AND COATED CONDUIT.
14. FINISH GRADE.
15. #4 REBAR LOOP (FOR LOCK).
16. CMU BLOCK (FILL WITH CONCRETE).
17. 90° ANGLE IRON (WELDED TO STEEL PLATE ON FOUR SIDES) 1/4" x 2½" x 2½".
18. 3/8" FABRICATED STEEL PLATE W/ CUTOUTS FOR #4 REBAR LOOPS. PAINT ENTIRE COVER W/ TWO COATS EACH PRIMER AND FLAT BLACK ENAMEL.
19. PAD LOCKS BY OWNER.
20. WALL MOUNT HEATER, DAYTON 2E432 (INSTALL WIRE IN 3/4" CONDUIT TO JUNC. BOX).
21. 1/2" WEEP HOLE (ONE PER SIDE).
22. 1½" GALVANIZED UNION
23. FEBCO 805-Y, 1½" DOUBLE CHECK BACKFLOW PREVENTOR ASSEMBLY W/GATE VALVES.
24. THERMAX SHEETS & INSULATION, 2" THICKNESS AND TWO SIDED FOIL FACING. INSTALL TO BOTTOM OF STEEL PLATE AND ALL FOUR INTERIOR WALLS.
25. HANDLES (#4 REBAR, QTY. 4) WELD TO TOP OF STEEL PLATE, TWO PER END.

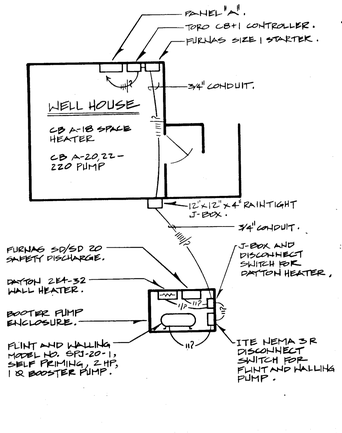
NOTES:

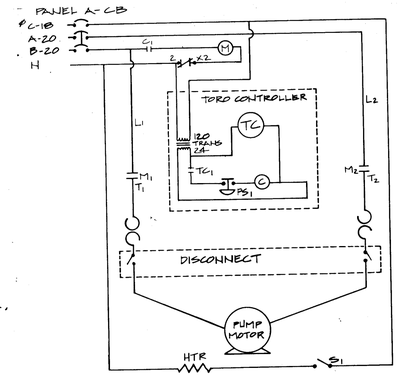
1. PAINT EXTERIOR CMU BLOCK WITH THREE COATS OF SEMI-GLOSS LATEX ENAMEL. COLOR TO MATCH EXISTING WELL HOUSE.
2. INSTALL A 30AMP CIRCUIT BREAKER IN EXISTING ELEC. PANEL OF WELL HOUSE.
3. INSTALL A 2/12 W/GROUND CONDUCTOR IN 3/4" CONDUIT FROM EXISTING ELEC. PANEL TO JUNCTION BOX.
4. WIRE LEADS FROM PUMP AND HEATER TO JUNCTION BOX.
5. LEADS FROM PUMP AND HEATER SHALL BE INSTALLED IN 3/4" CONDUIT.
6. * AVAILABLE FROM S.W.T. DISTRIBUTORS, ALBUQ., 345-8676
7. INSTALL PUMP AND D.C. ASSEMBLY FOR A 24" CLEARANCE TO ONE SIDE.

A/150 BOOSTER PUMP AND DOUBLE CHECK ASSEMBLY

NTS

ADDENDUM #1



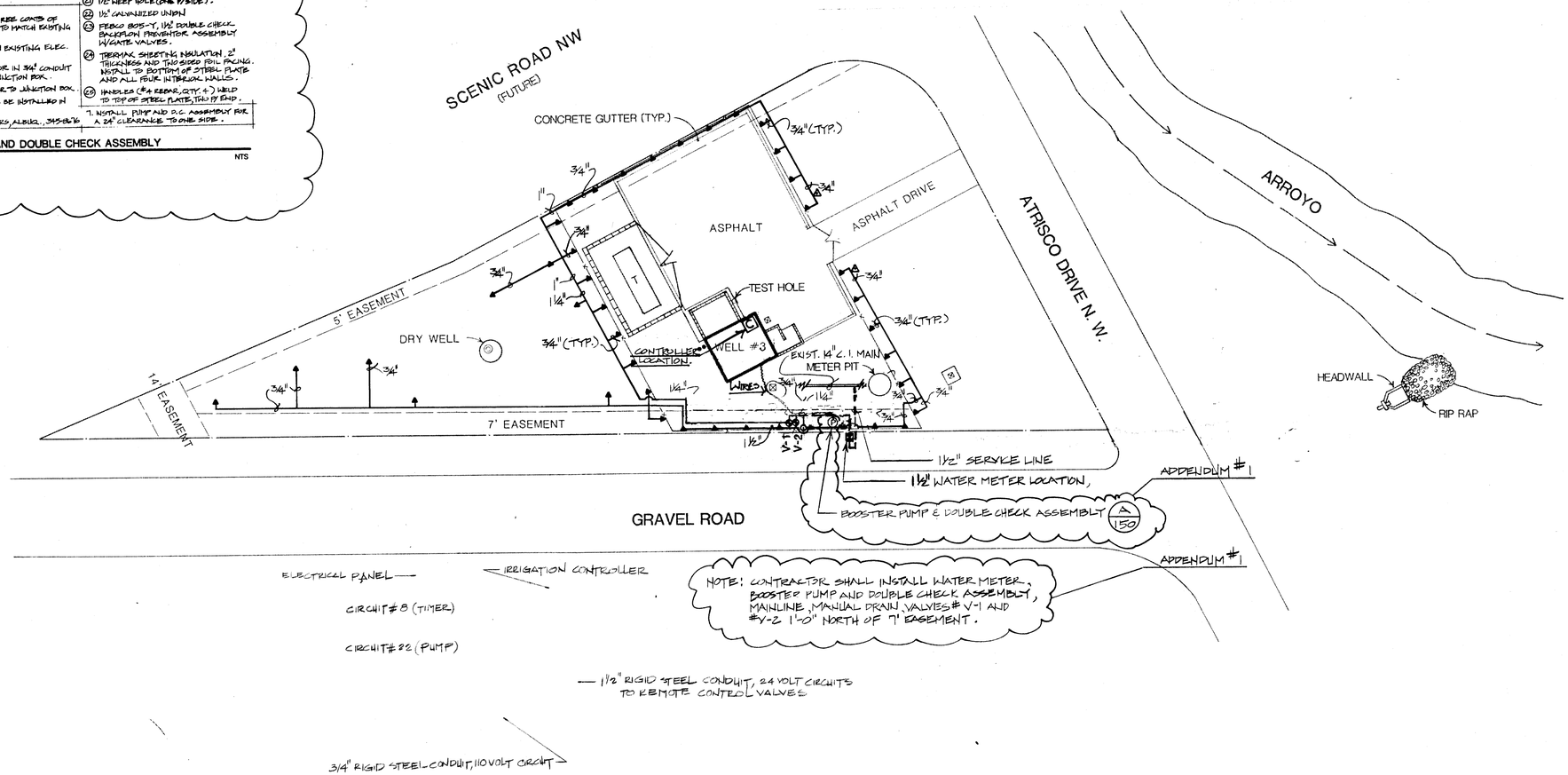


LEGEND

M	MOTOR STARTER, COIL = 120 V
C	IRRIGATION CONTROL RELAY, COIL = 24 V
TC	TIME CLOCK = 24 VOLT
PS1	SAFETY DISCHARGE PRESSURE SWITCH = 24 V
HTR	SPACE HEATER = 120 V

SCHEMATIC AS-BUILT FOR 110 VOLT AND 24 VOLT ELECTRICAL

NO SCALE



SCHEMATIC AS-BUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1" = 20'-0"

0 10 20 40

26 30 97 12 98 6

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

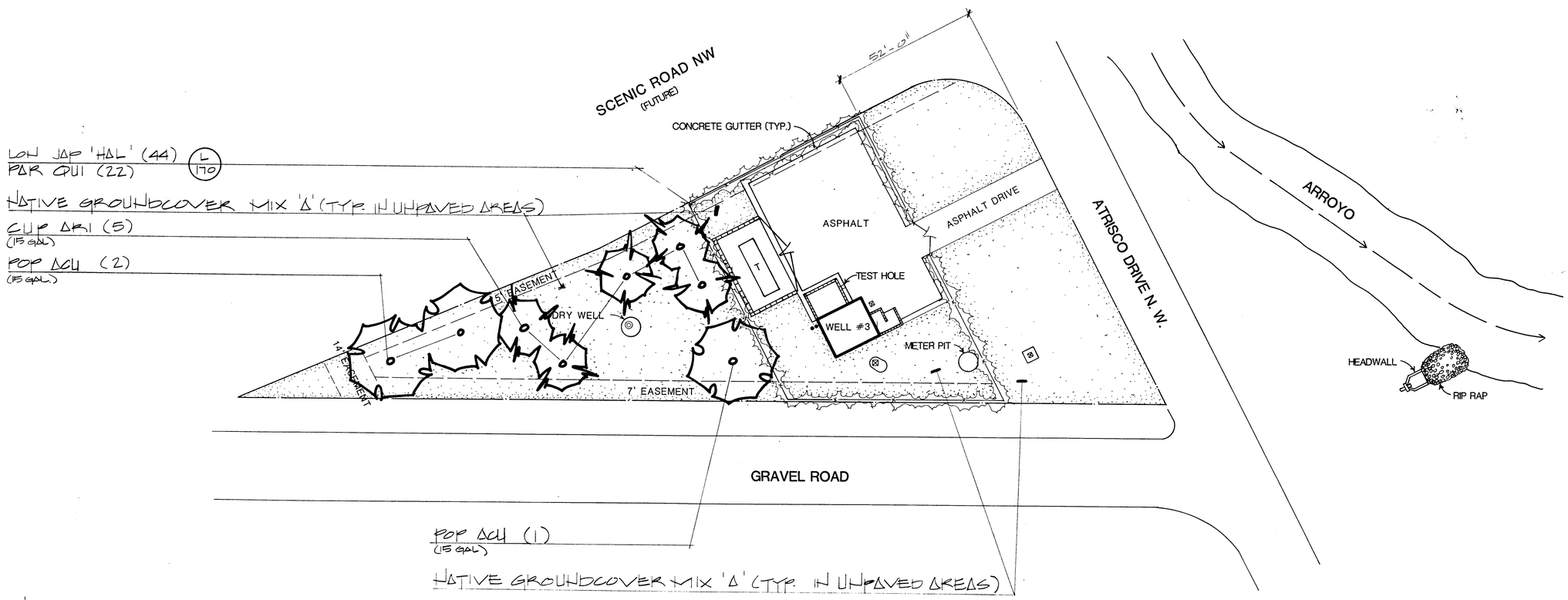
NOVEMBER 1986

AS BUILT

VOLCANO CLIFFS WELL #3
7231 ATRISCO DRIVE NW
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 150 OF 172



NOTE:
ALL HARD CONSTRUCTION ON THIS SHEET IS EXISTING.

SCALE 1"=20'-0"
0 10 20 40

26. 309713086

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

VOLCANO CLIFFS WELL #3
7231 ATRISCO DRIVE NW
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
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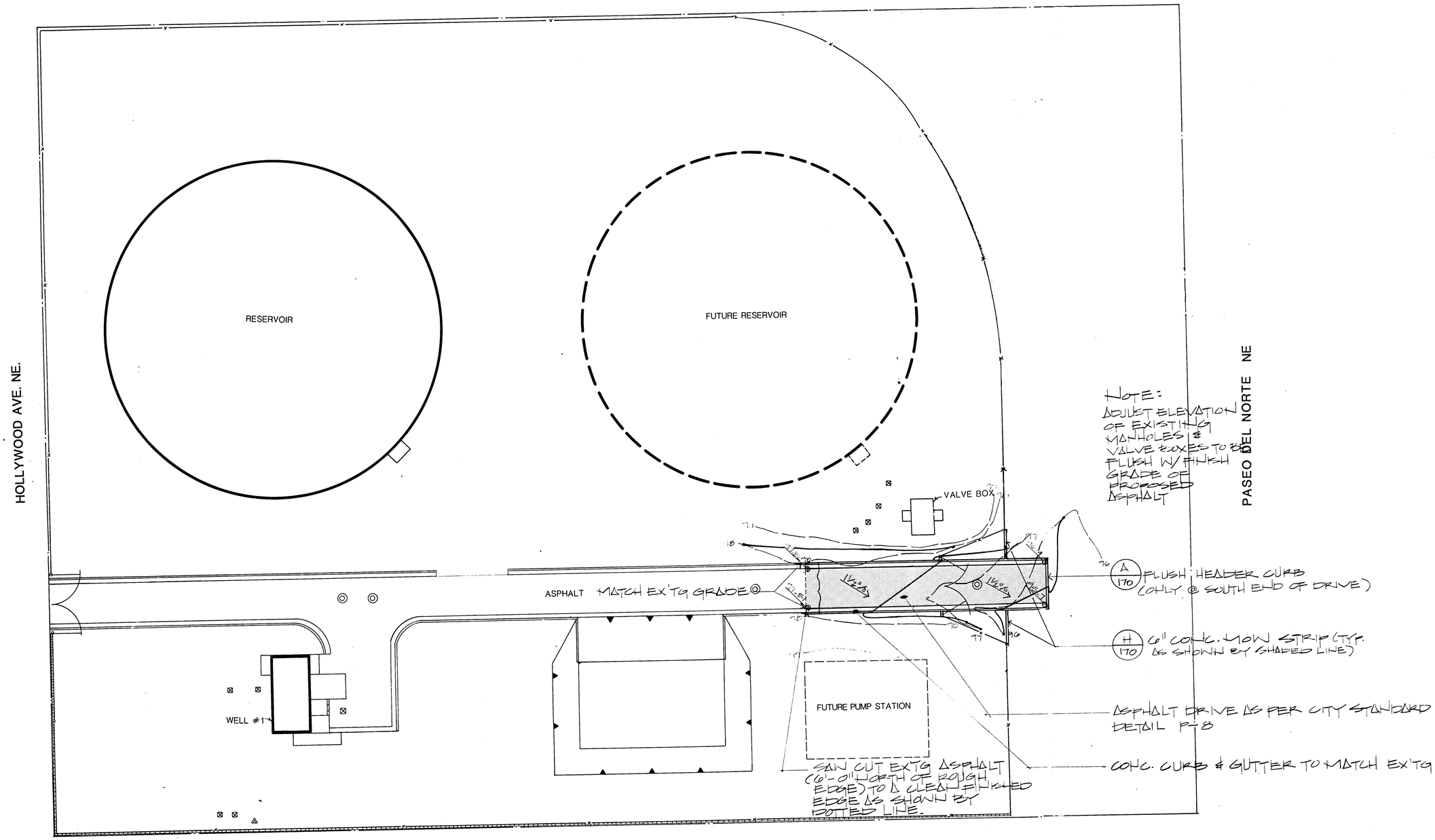
109
172



SCALE 1"=20'-0"

0 10 20 40

26 309713186

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

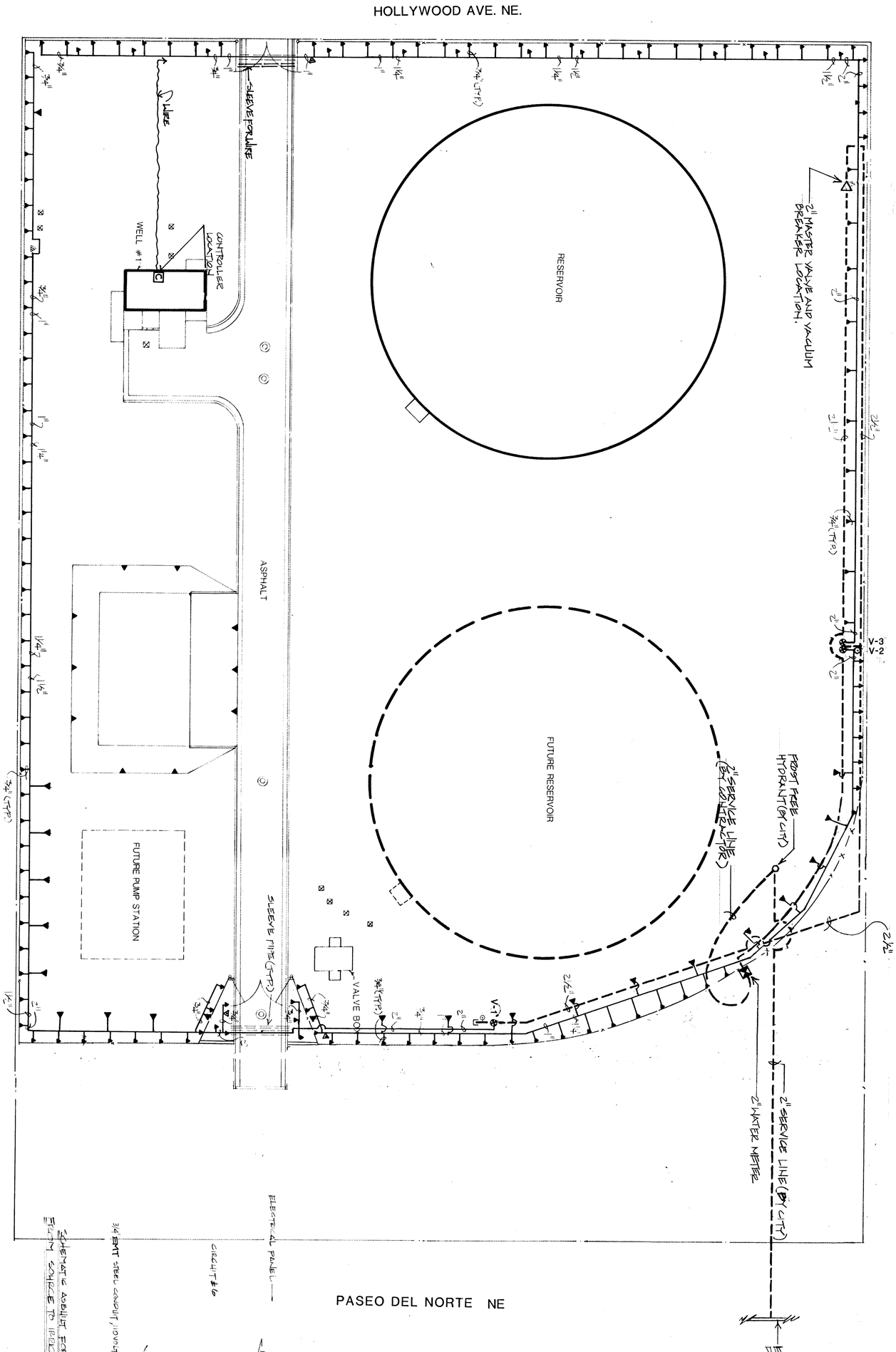
NOVEMBER 1986

AS BUILT

W.A. WEBSTER WELL #1 & RESERVOIR
8001 LOS ANGELES NE
CONSTRUCTION PLAN / GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 152 OF 172



26 3097133286

SCALE 1"=20'-0"

0 10 20 40

SHEET 15 OF 15 1-72

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

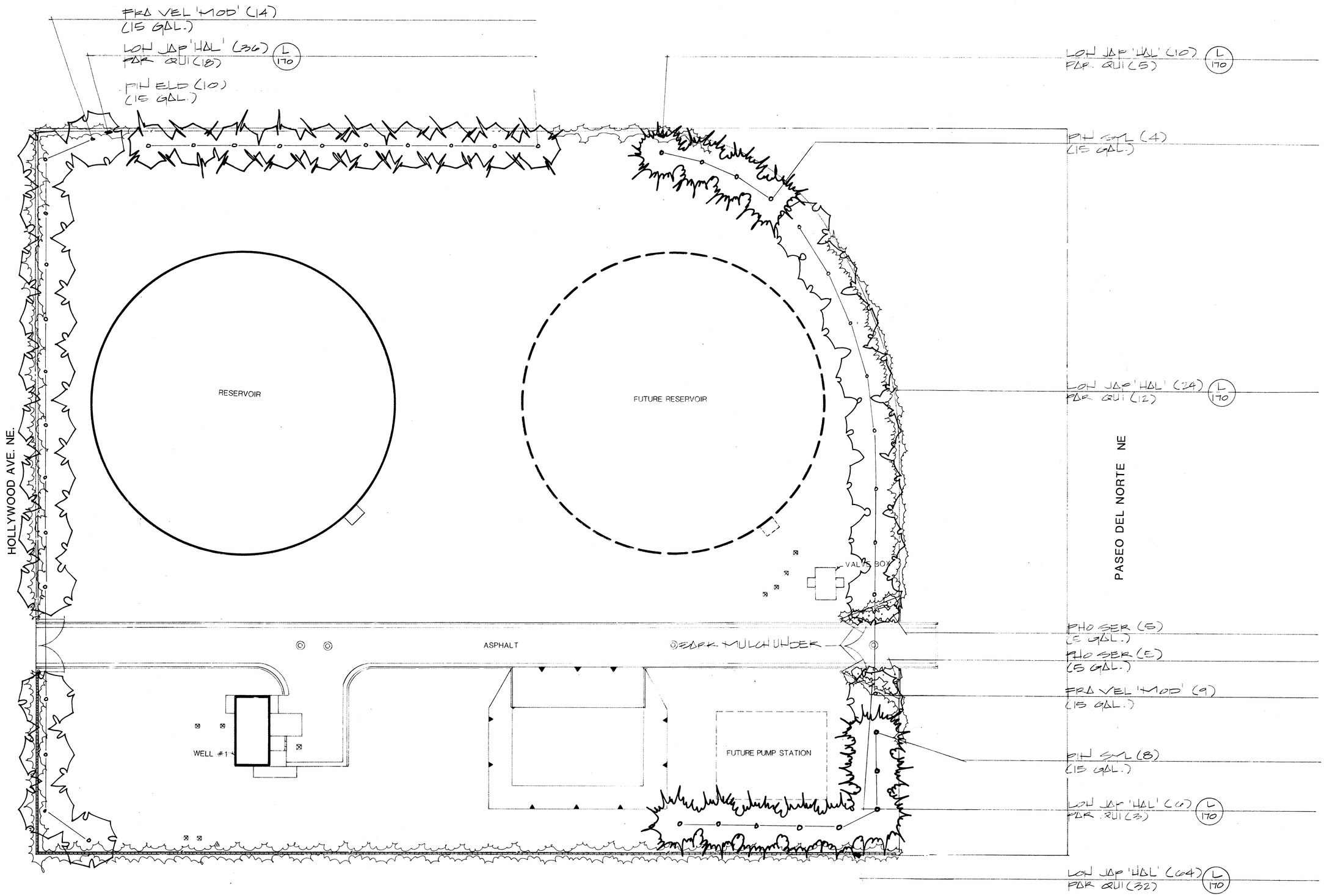
W.A. WEBSTER WELL #1 & RESERVOIR
8001 LOS ANGELES NE
IRRIGATION PLAN

AS BUILT

NOVEMBER 1986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

MARSHAL MORROW NO. 2 REGISTERED LANDSCAPE ARCHITECT NEW MEXICO



SCALE 1"=20'-0"

0 10 20 40

2.6 309713386

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

W.A. WEBSTER WELL #1 & RESERVOIR
8001 LOS ANGELES NE
PLANTING PLAN

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
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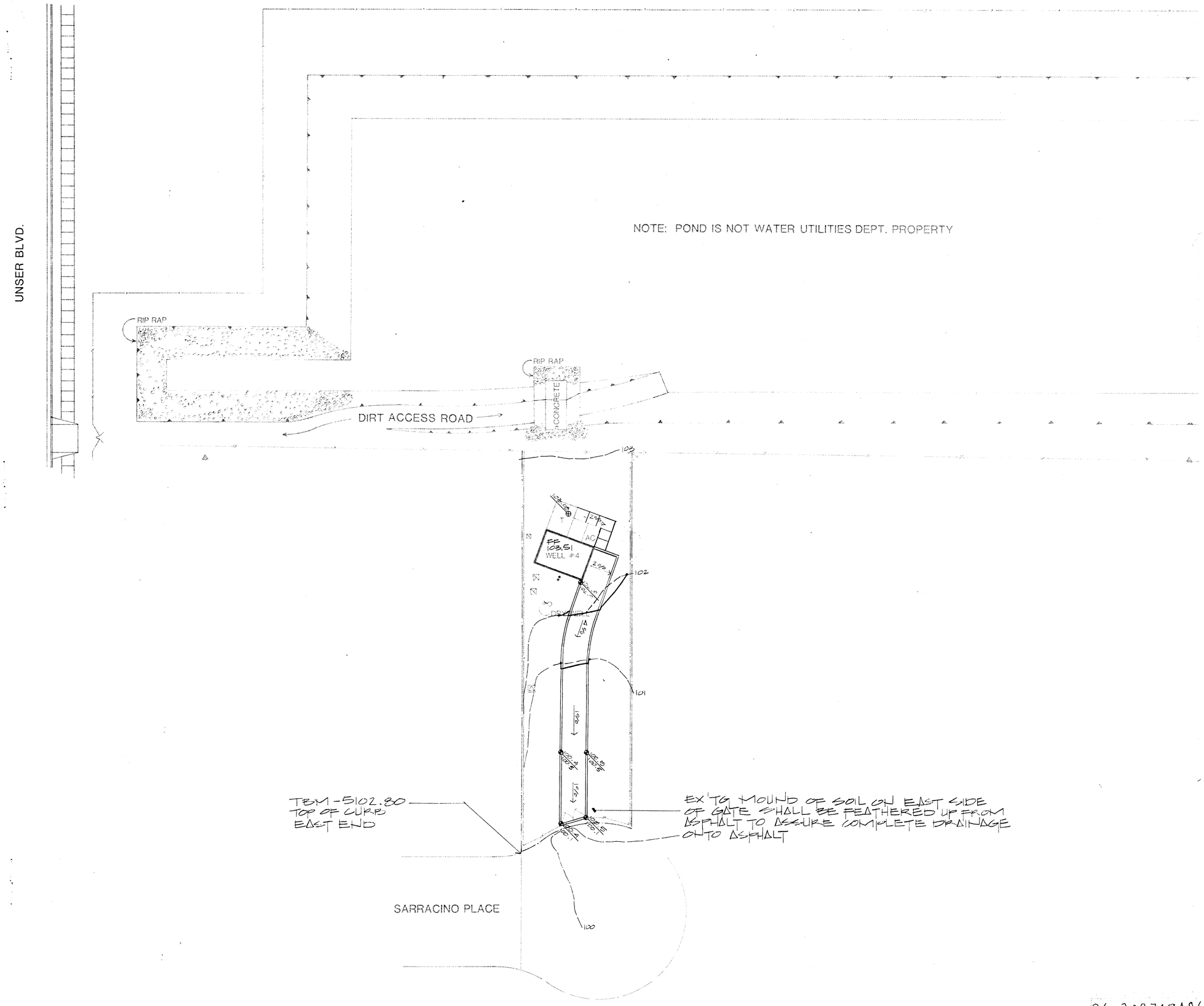
72



26 309713486

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

WEST MESA WELL #4
7721 SARRACINO PLACE NW
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
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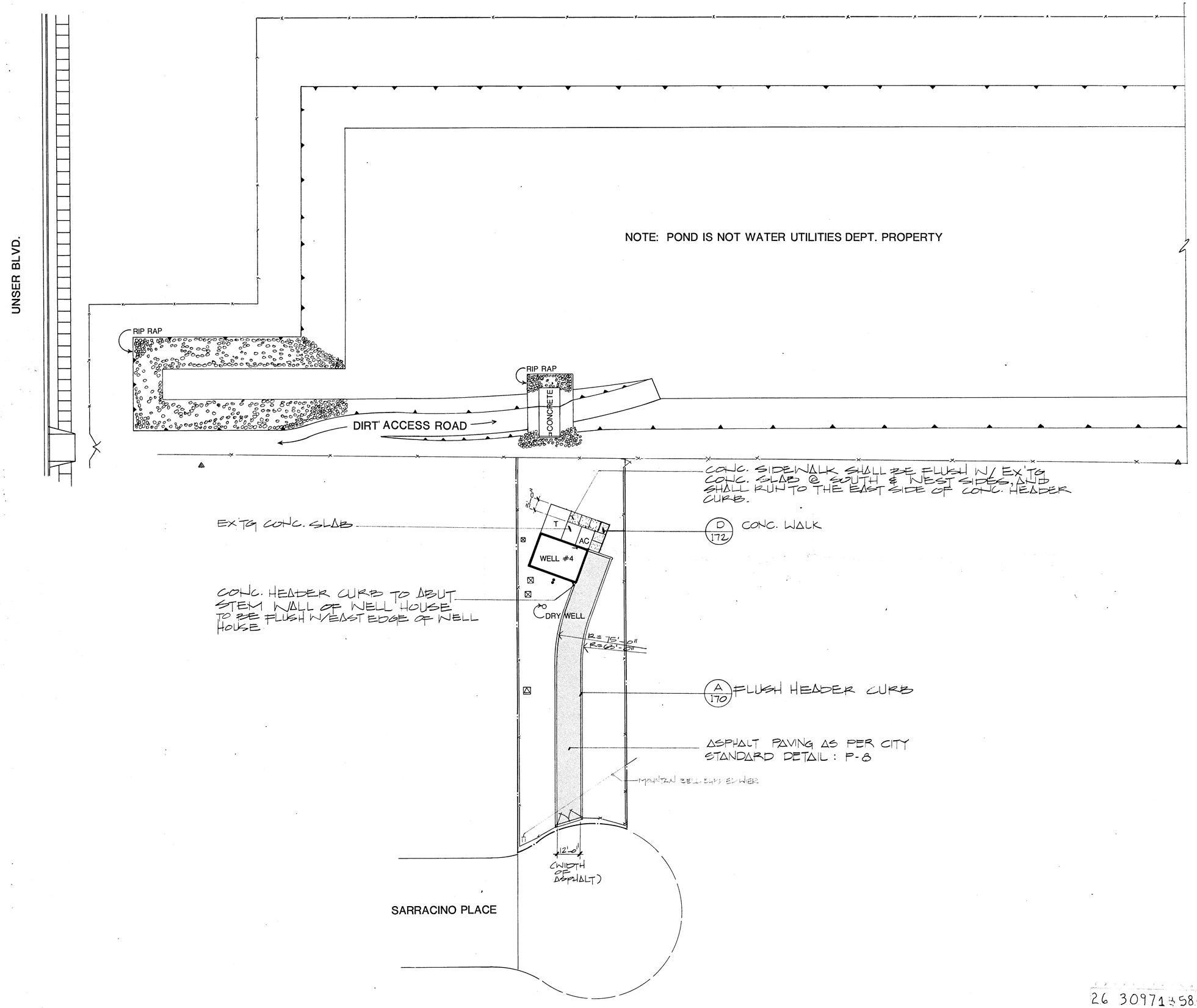
2



26 30971 3586

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

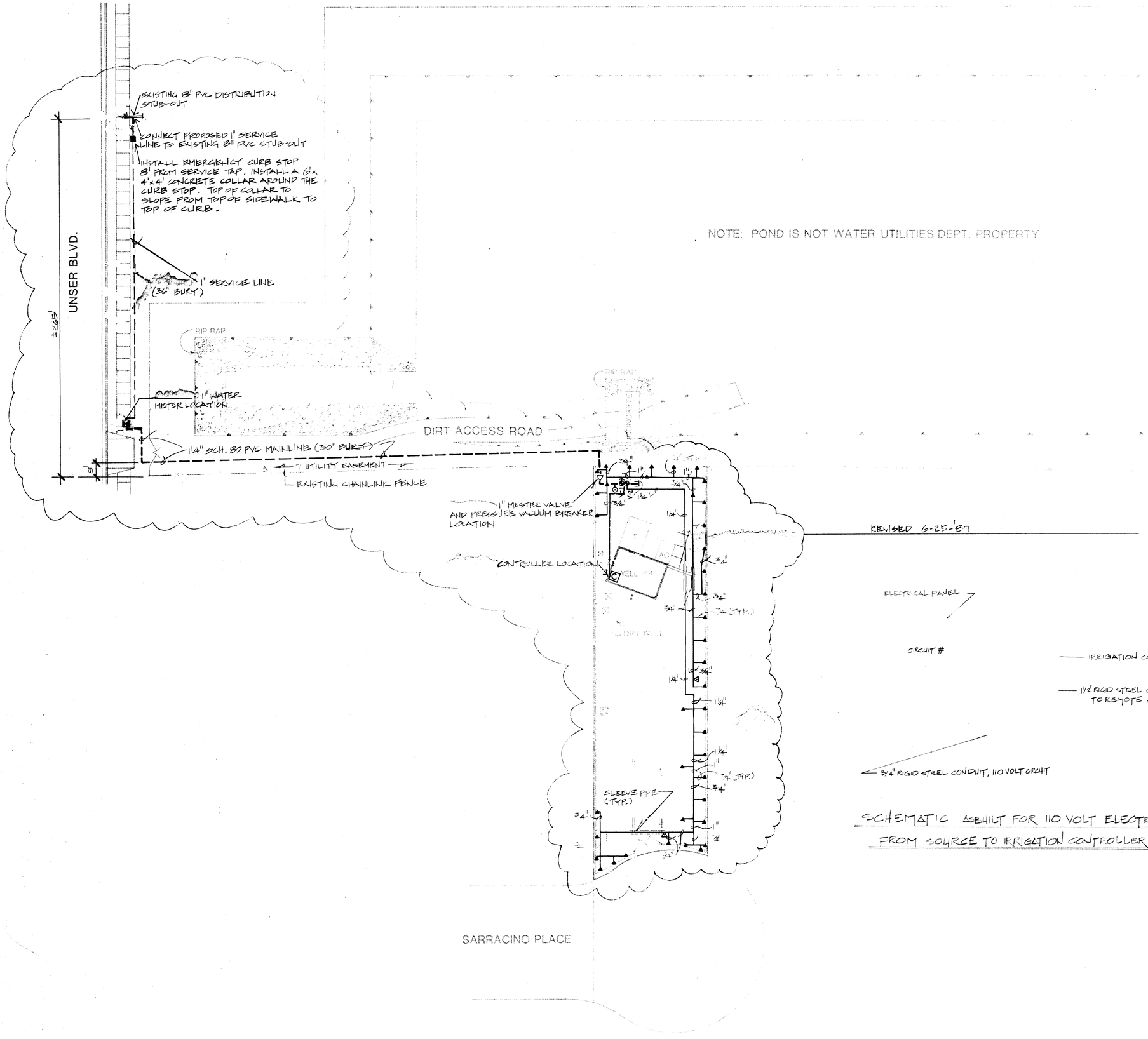
NOVEMBER 1986

AS BUILT

WEST MESA WELL #4
7721 SARRACINO PLACE NW
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET 160 OF 172



26 309713686

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

WEST MESA WELL #4
7721 SARRACINO PLACE NW
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
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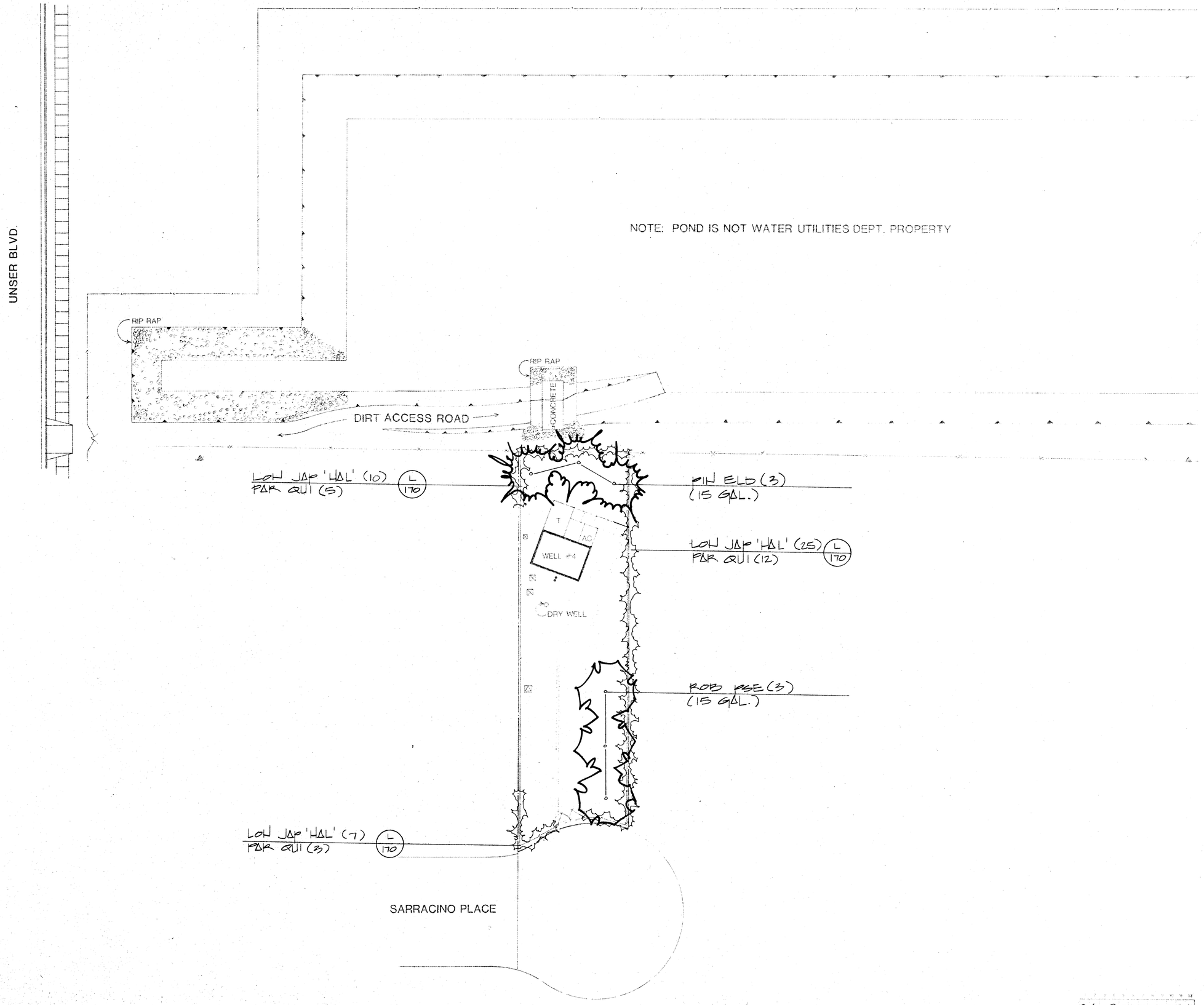
OF
172



SCALE 1"=20'-0"

0 10 20 40

26 309713786

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

WEST MESA WELL #4
7721 SARRACINO PLACE NW
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
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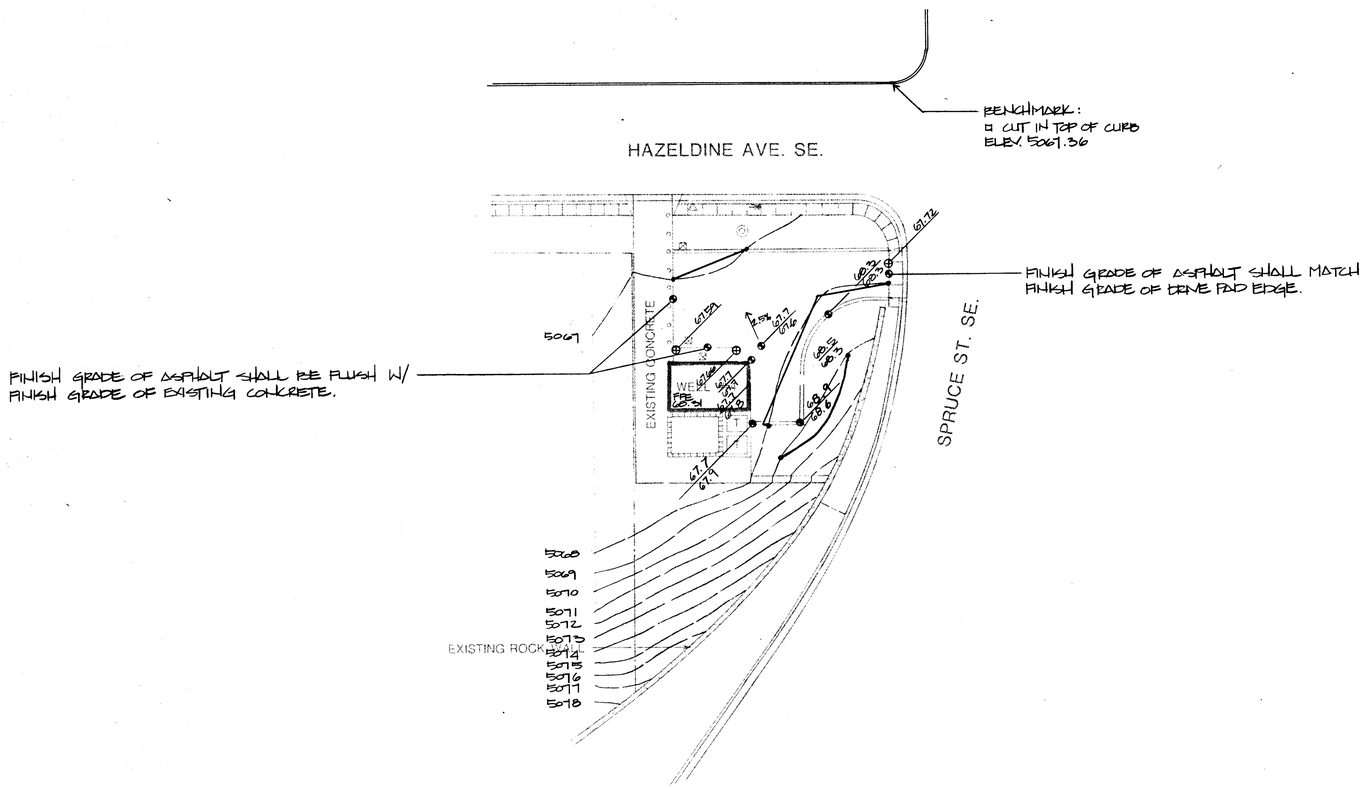
OF
172



SCALE 1"=20'-0"

0 10 20 40

26 309713886

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

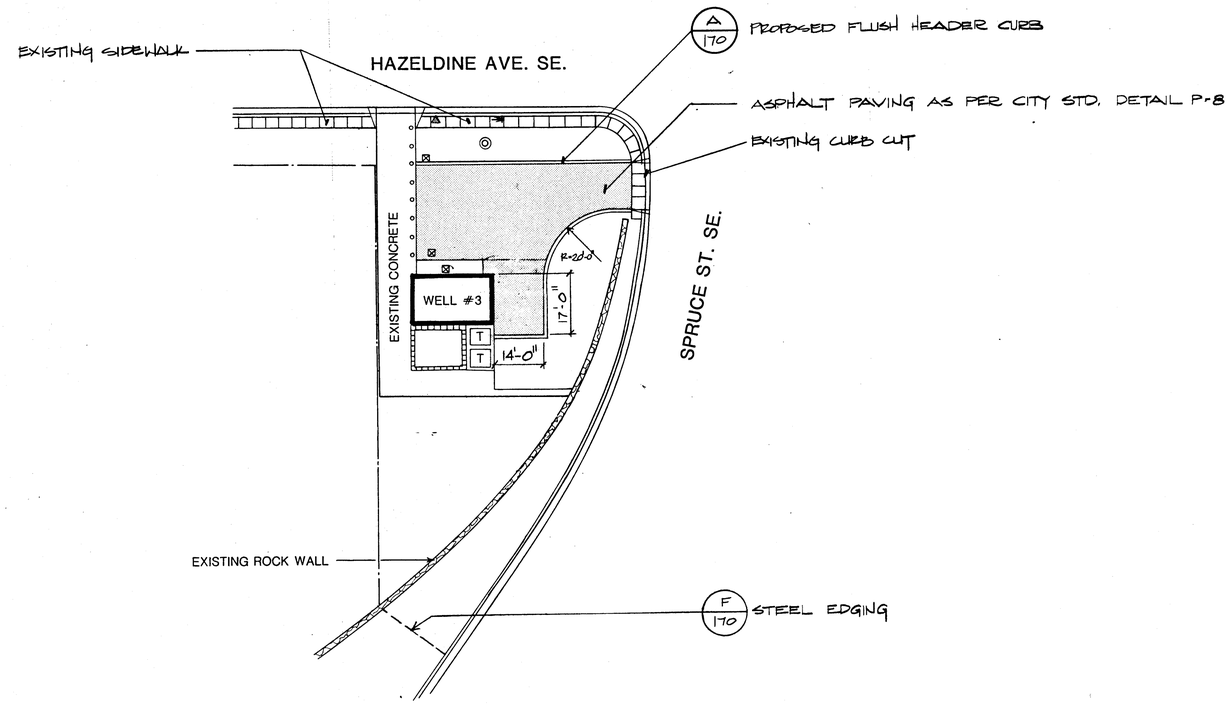
NOVEMBER 1986

AS BUILT

YALE WELL #3
1220 HAZELDINE AVE. SE
GRADING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
10 OF 66



SCALE 1"=20'-0"

0 10 20 40

26 309 713 986

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

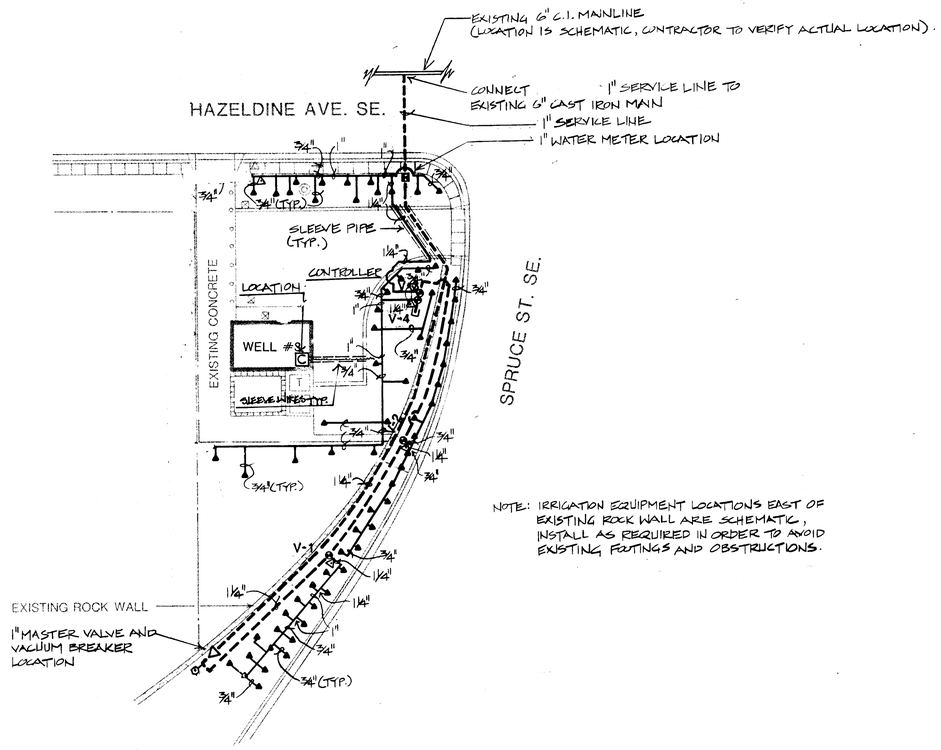
NOVEMBER 1986

AS BUILT

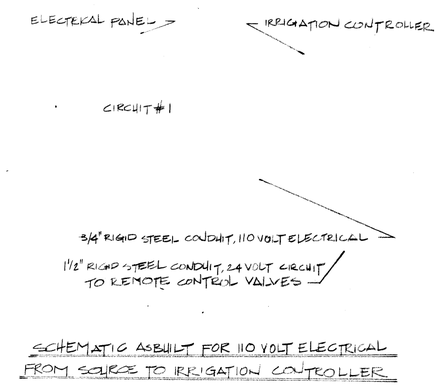
YALE WELL #3
1220 HAZELDINE AVE. SE
CONSTRUCTION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
1 of 1



NOTE: IRRIGATION EQUIPMENT LOCATIONS EAST OF EXISTING ROCK WALL ARE SCHEMATIC, INSTALL AS REQUIRED IN ORDER TO AVOID EXISTING FITTINGS AND OBSTRUCTIONS.



SCHEMATIC ASBUILT FOR 110 VOLT ELECTRICAL FROM SOURCE TO IRRIGATION CONTROLLER

SCALE 1"=20'-0"

0 10 20 40

26 309714086

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

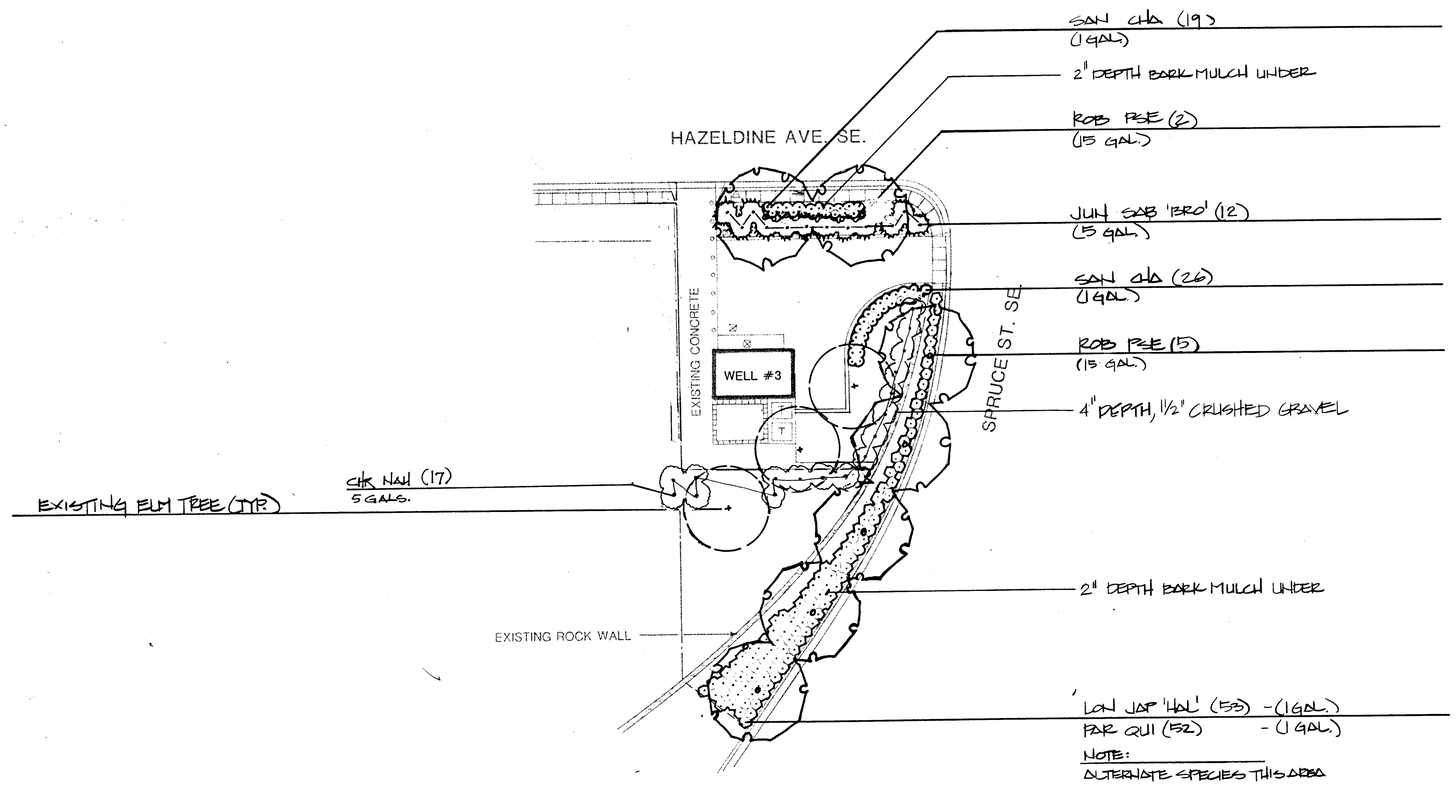
NOVEMBER 1986

AS BUILT

YALE WELL #3
1220 HAZELDINE AVE. SE
IRRIGATION PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET



SCALE 1"=20'-0"

0 10 20 40

26 309714186

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Veta Drive NE
Albuquerque, New Mexico 87108
505-268-2266

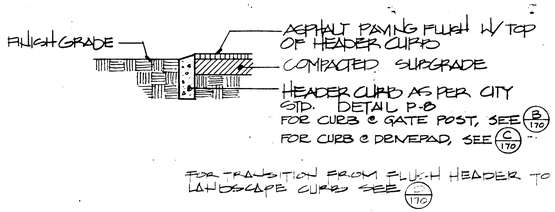
NOVEMBER 1986

AS BUILT

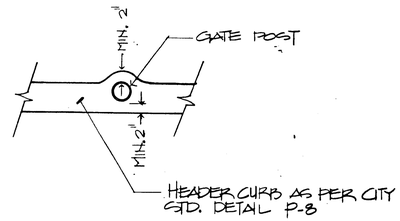
YALE WELL #3
1220 HAZELDINE AVE. SE
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

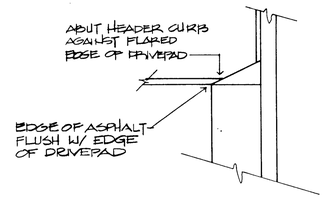
SHEET
169
OF
172



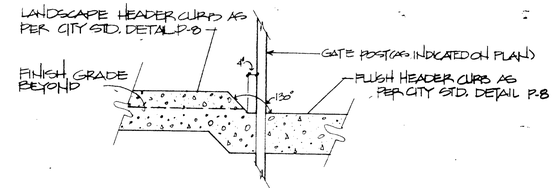
A/170 FLUSH HEADER CURB N.T.S.



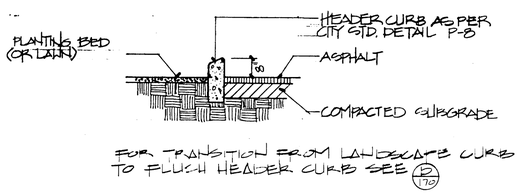
B/170 FLUSH HEADER CURB @ GATE POST N.T.S.



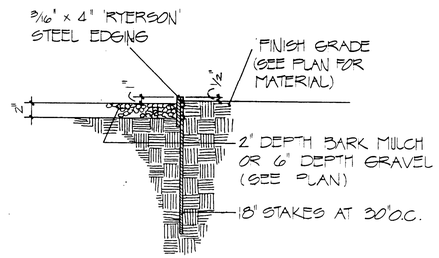
C/170 ASPHALT PAVING & HEADER CURB @ DRIVEPAD N.T.S.



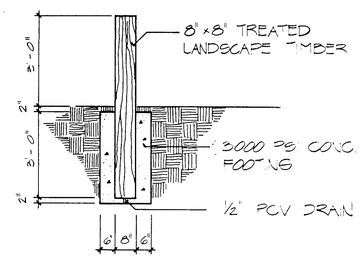
D/170 TRANSITION: FLUSH CURB TO LANDSCAPE CURB N.T.S.



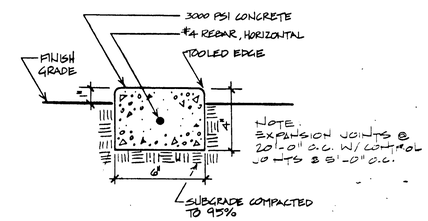
E/170 LANDSCAPE HEADER CURB N.T.S.



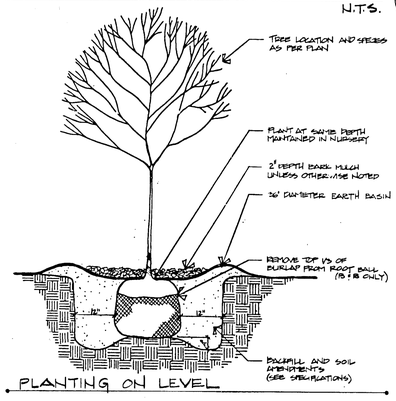
F/170 STEEL EDGING N.T.S.



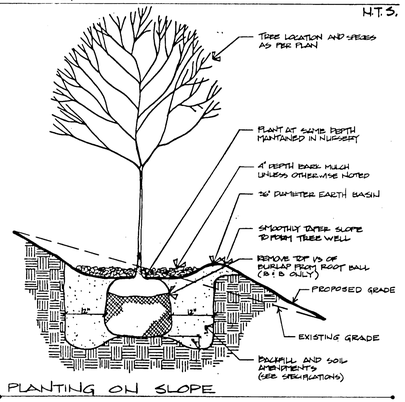
G/170 BOLLARD N.T.S.



H/170 MOWSTRIP N.T.S.

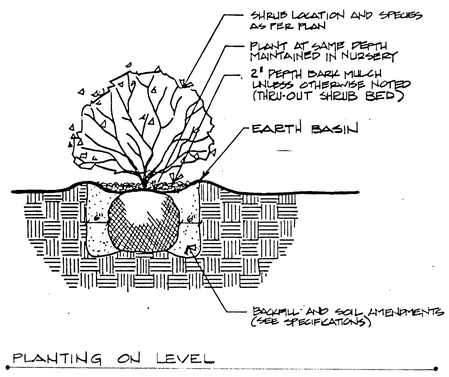


PLANTING ON LEVEL

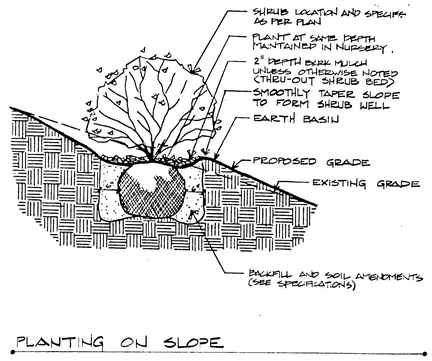


PLANTING ON SLOPE

J/170 TREE PLANTING N.T.S.



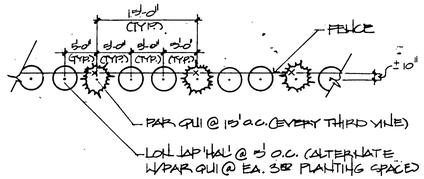
PLANTING ON LEVEL



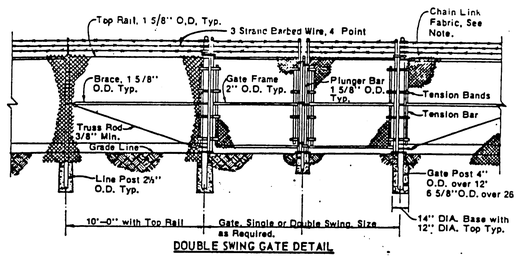
PLANTING ON SLOPE

K/170 SHRUB PLANTING N.T.S.

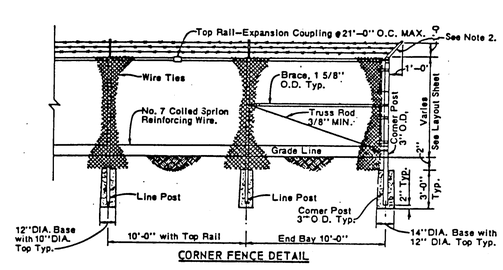
NOTE: PLANT VINES INSIDE OF FENCE UNLESS OTHERWISE INDICATED ON PLAN.



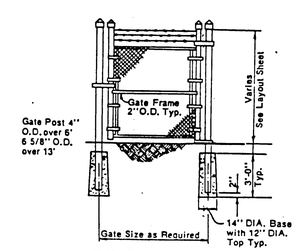
L/170 LON JAP / PAR QUI PLANTING N.T.S.



DOUBLE SWING GATE DETAIL



CORNER FENCE DETAIL



SINGLE GATE DETAIL

NOTE:
1. All fabric to be #9 gage wire, woven in a 2" mesh top and bottom edges to be twisted.
2. Single extension arms shall point outward at an angle of 45 with 3 strands of 4 point barbed wire securely attached to extension arm along top of fence, top strand to be 1'-0" above top rail. Extension arms to be 12 gage pressed steel.
3. Fence to be Realock 423 or equal.

M/170 CHAIN LINK FENCE N.T.S.

26. 30971 4286

MORROW & COMPANY
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210 La Veta Drive NE
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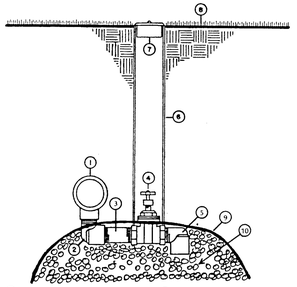
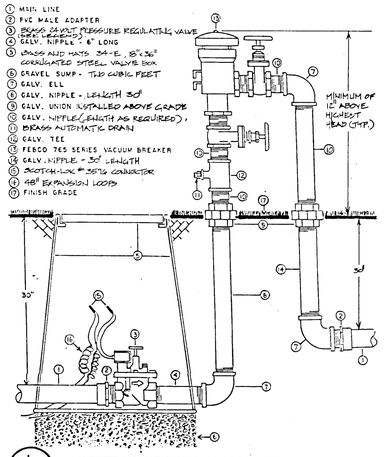
LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO



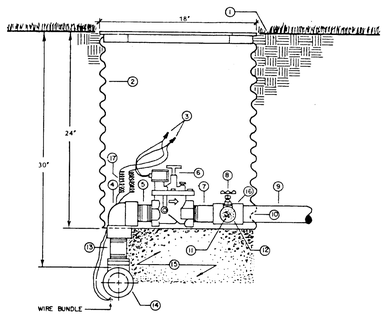
1. MAINLINE OR LATERAL TEE
2. PVC STREET ELL TXT
3. SCH. #0 PVC NIPPLE - 3" LONG
4. CHAMPION 100RS-075, 3/4" STRAIGHT VALVE
5. PVC STREET ELL TXS
6. 2" CLASS 160 PVC SLEEVE PIPE
7. 2" VALVE MARKER
8. FINISH GRADE
9. AMACO #4545 FILTER MAT
10. 6 CUBIC FEET 1" GRAVEL SUMP

5 / 171 MANUAL DRAIN ASSEMBLY (3/4") NTS



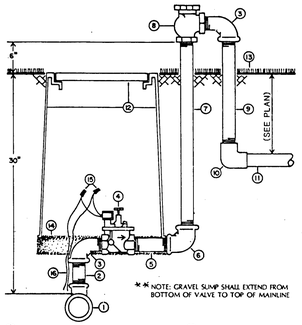
1. MAIN LINE
2. PVC MALE ADAPTER
3. BRASS 20 VOLT PRESSURE REGULATOR VALVE (SEE LEGEND)
4. GALV. NIPPLE - 8" LONG
5. BASS AND HAYS 34-E, 8"x36" CORRUGATED STEEL VALVE BOX
6. GRAVEL SUMP - TWO CUBIC FEET
7. GALV. ELL
8. GALV. NIPPLE - LENGTH 30"
9. GALV. UNION INSTALLED ABOVE GRADE
10. GALV. NIPPLE (LENGTH AS REQUIRED)
11. BRASS AUTOMATIC DRAIN
12. GALV. TEE
13. FEBCO 765 SERIES VACUUM BREAKER
14. GALV. NIPPLE - 30" LENGTH
15. SCOTCH-LOK #3576 CONNECTOR
16. 48" EXPANSION LOOPS
17. FINISH GRADE

2 / 171 MASTER VALVE & VACUUM BREAKER NTS



1. FINISH GRADE
2. BASS & HAYS 34C CORRUGATED STEEL VALVE BOX
3. NO.3576 SCOTCH-LOK CONNECTORS
4. PVC THREADED ELL
5. SCH. 80 PVC NIPPLE (4" LENGTH)
6. AUTOMATIC VALVE (SEE PLAN)
7. SCH. 80 PVC TOE NIPPLE (4" LENGTH)
8. 1/2" BRASS GATE VALVE
9. PVC LATERAL PIPING
10. CUT-OUT FOR LATERAL PIPE
11. 1/2" x CLOSE SCH.80 PVC NIPPLE
12. AUTOMATIC DRAIN VALVE
13. SCH. 80 PVC NIPPLE (4" LENGTH)
14. MAINLINE TEE
15. 8 CU FT. GRAVEL SUMP
16. PVC LATERAL TEE SST
17. 36" WIRE EXPANSION LOOP

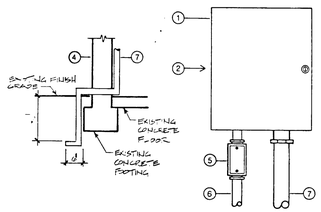
3 / 171 AUTOMATIC VALVE ASSEMBLY NTS



1. GALVANIZED TEE - MAINLINE
2. GALVANIZED NIPPLE - 4" LONG
3. GALVANIZED STREET ELL
4. AUTOMATIC VALVE (See Plan)
5. GALVANIZED NIPPLE - 8" LONG
6. GALVANIZED ELL
7. GALVANIZED NIPPLE - 30" LONG
8. CHAMPION 262 SERIES VACUUM BREAKER
9. GALVANIZED NIPPLE
10. SCH. 40 PVC ELL - SXT
11. LATERAL PIPING
12. BASS & HAYS 34D VALVE BOX
13. FINISH GRADE
14. GRAVEL SUMP**
15. SCOTCH-LOK 3576 CONNECTOR
16. WIRE TO CONTROLLER SEE SPECS.

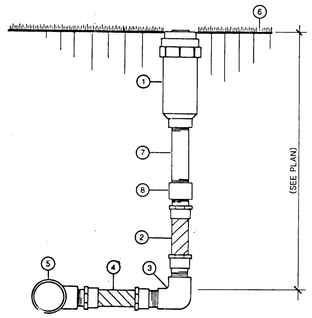
* NOTE: VALVE BOX SHALL EXTEND TO THE TOP OF MAINLINE

L / 171 AUTOMATIC VALVE ASSEMBLY NTS



1. CONTROLLER (SEE IRRIGATION LEGEND) MOUNT SECURLY TO WALL
2. EYE LEVEL
3. RIGID CONDUIT
4. WALL
5. 3/4" CONDUIT BOX
6. 3/4" RIGID CONDUIT (HOUSING 120VOLT, 14 GAUGE WIRES)
7. RIGID CONDUIT (HOUSING 24VOLT, 14 GAUGE CONTROL WIRES. SIZE 1-1/4")

E / 171 CONTROLLER DETAIL NTS



1. POP-UP BUBBLER ASSEMBLY (SEE PLAN)
2. 1/2"x6" MAXMA FLEX NIPPLE
3. 1/2" PVC THREADED ELL
4. 1/2"x6" MAXMA FLEX NIPPLE
5. PVC LATERAL TEE SST
6. FINISH GRADE
7. 1/2" PVC NIPPLE (LENGTH AS REQUIRED)
8. 1/2" PVC THREADED COUPLING

F / 171 POP-UP BUBBLER ASSEMBLY NTS

26 3097 14386

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LANDSCAPE ARCHITECTS
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NOVEMBER 1986

DETAILS

AS BUILT

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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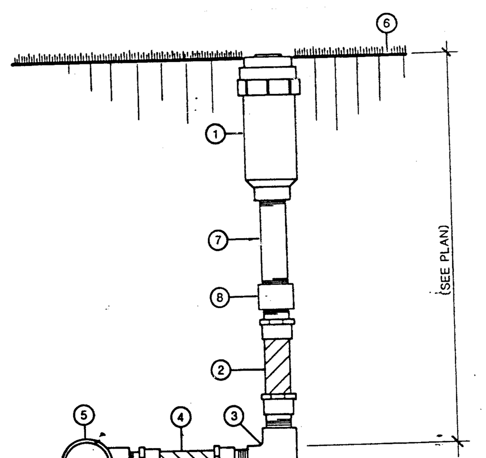
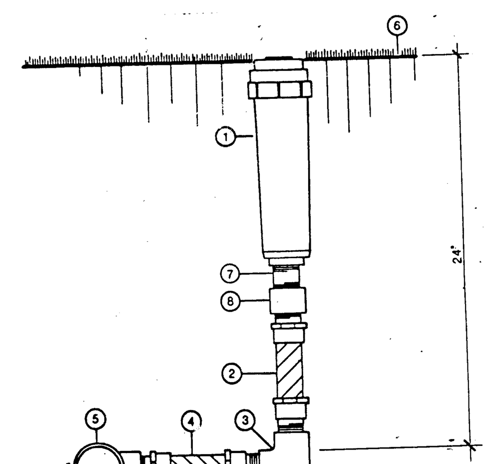


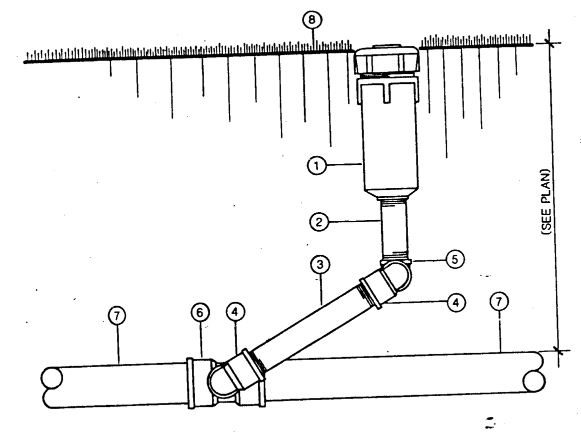
1. FIXED SPRAY POP-UP (See Plan)
2. 1/2"x 6" MAxMA FLEX NIPPLE
3. 1/2" PVC THREADED ELL
4. 1/2"x6" MAxMA FLEX NIPPLE
5. PVC LATERAL TEE SST
6. FINISH GRADE
7. 1/2" PVC NIPPLE (LENGTH AS REQUIRED)
8. 1/2" PVC THREADED COUPLING

A/172 FIXED SPRAY POP-UP SPRINKLER ASSEMBLY — NTS



1. FIXED SPRAY POP-UP (See Plan)
2. 1/2"x 6" MAxMA FLEX NIPPLE
3. 1/2" PVC THREADED ELL
4. 1/2"x6" MAxMA FLEX NIPPLE
5. PVC LATERAL TEE SST
6. FINISH GRADE
7. 1/2" PVC NIPPLE (LENGTH AS REQUIRED)
8. 1/2" PVC THREADED COUPLING

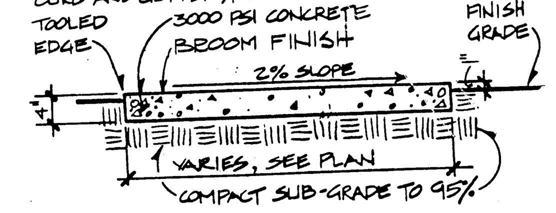
B/172 FIXED SPRAY POP-UP SPRINKLER ASSEMBLY — NTS



1. GEAR DRIVE ROTARY POP-UP SPRINKLER (SEE PLAN)
2. 3/4"x6" SCH. 80 PVC NIPPLE
3. 3/4"x12" SCH. 80 PVC NIPPLE
4. 3/4" PVC STREET ELL
5. 3/4" PVC THREADED ELL
6. PVC LATERAL TEE SST
7. PVC LATERAL PIPING
8. FINISH GRADE

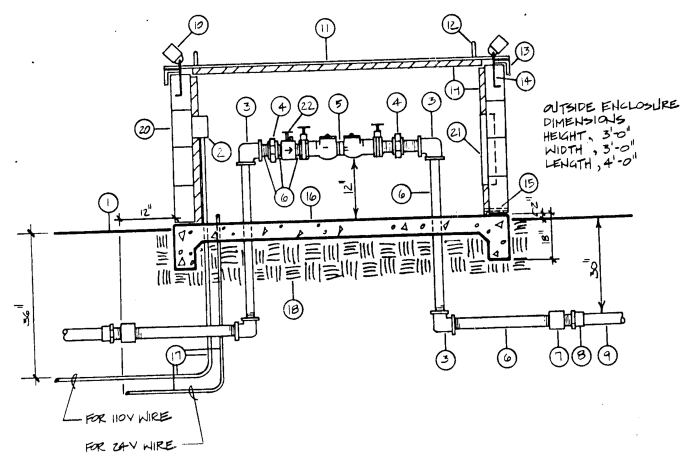
C/172 GEAR DRIVE ROTARY POP-UP SPRINKLER ON TRIPLE SWING JOINT — NTS

NOTE:
CONTROL JOINTS AT 5'-0" O.C. W/EXPANSION JOINTS AT 20'-0" O.C. AND WHERE SIDEWALK ABUTS STRUCTURES, CURB AND GUTTER, MOWSTRIPS ETC.



D/172 CONCRETE WALK — 3/4" = 1'-0"

ADDENDUM #1

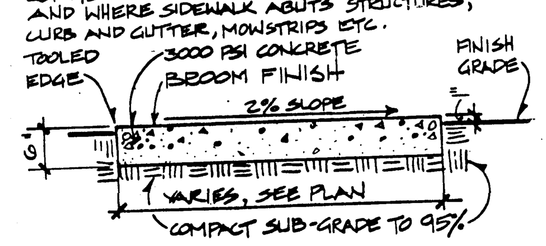


1. FINISH GRADE.
2. JUNCTION BOX. WEATHER PROOF.
3. GALVANIZED 90° ELBOW.
4. GALVANIZED UNION.
5. FEBCO 805-Y DOUBLE CHECK BACKFLOW PREVENTOR W/ GATE VALVES.
6. GALVANIZED NIPPLES, LENGTH AS REQUIRED.
7. GALVANIZED COUPLING.
8. SCH. 80 PVC MALE ADAPTER.
9. PVC MAIN LINE.
10. LOCK (BY OWNER).
11. 3/8" FABRICATED STEEL PLATE W/ CUT-OUTS FOR #4 REBAR LOOPS. PAINT ENTIRE ENTIRE COVER W/ TWO COATS EACH PRIMER AND FLAT BLACK ENAMEL.
12. HANDLES (#4 REBAR, QTY. 4) WELD TO TOP OF STEEL PLATE, TWO PER END.
13. 90° ANGLE IRON. WELD TO STEEL PLATE ON ALL FOUR SIDES, SIZE 1/4"x 2"x 2".
14. #4 REBAR LOOP (FOR LOCK).
15. 1/2" WEEP HOLE (ONE P/ SIDE).
16. 3000 PSI CONCRETE.
17. 3/4" RIGID AND COATED CONDUIT.
18. SUB-GRADE COMPACTED TO 95%.
19. THERMAX SHEETING INSULATION, 2" THICKNESS AND TWO SIDED FOIL FACING. INSTALL TO BOTTOM OF STEEL PLATE AND ALL FOUR INTERIOR WALLS.
20. CMU BLOCK (FILL WITH CONCRETE).
21. WALL MOUNT HEATER, DAYTON 2E432
22. TORO 216-27-XX MASTER VALVE

NOTES:
1. PAINT EXTERIOR CMU BLOCK WITH THREE COATS OF SEMI-GLOSS LATEX ENAMEL. COLOR TO MATCH EXISTING WELL HOUSE.
2. INSTALL A 30AMP CIRCUIT BREAKER IN EXISTING ELEC. PANEL OF WELL HOUSE.
3. INSTALL A 2/12 W/GROUND CONDUCTOR IN 3/4" CONDUIT FROM EXISTING ELEC. PANEL TO JUNCTION BOX.
4. WIRE LEADS FROM HEATER TO TO JUNCTION BOX IN 3/4" CONDUIT.
5. INSTALL DOUBLE CHECK FOR A 24" CLEARANCE TO ONE SIDE.

F/172 DOUBLE CHECK BACKFLOW PREVENTOR ASSEMBLY WITH MASTER VALVE — NTS

NOTE:
CONTROL JOINTS AT 5'-0" O.C. W/EXPANSION JOINTS AT 20'-0" O.C. AND WHERE SIDEWALK ABUTS STRUCTURES, CURB AND GUTTER, MOWSTRIPS ETC.



E/172 CONCRETE DRIVE — SCALE: 3/4"=1'-0"

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WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

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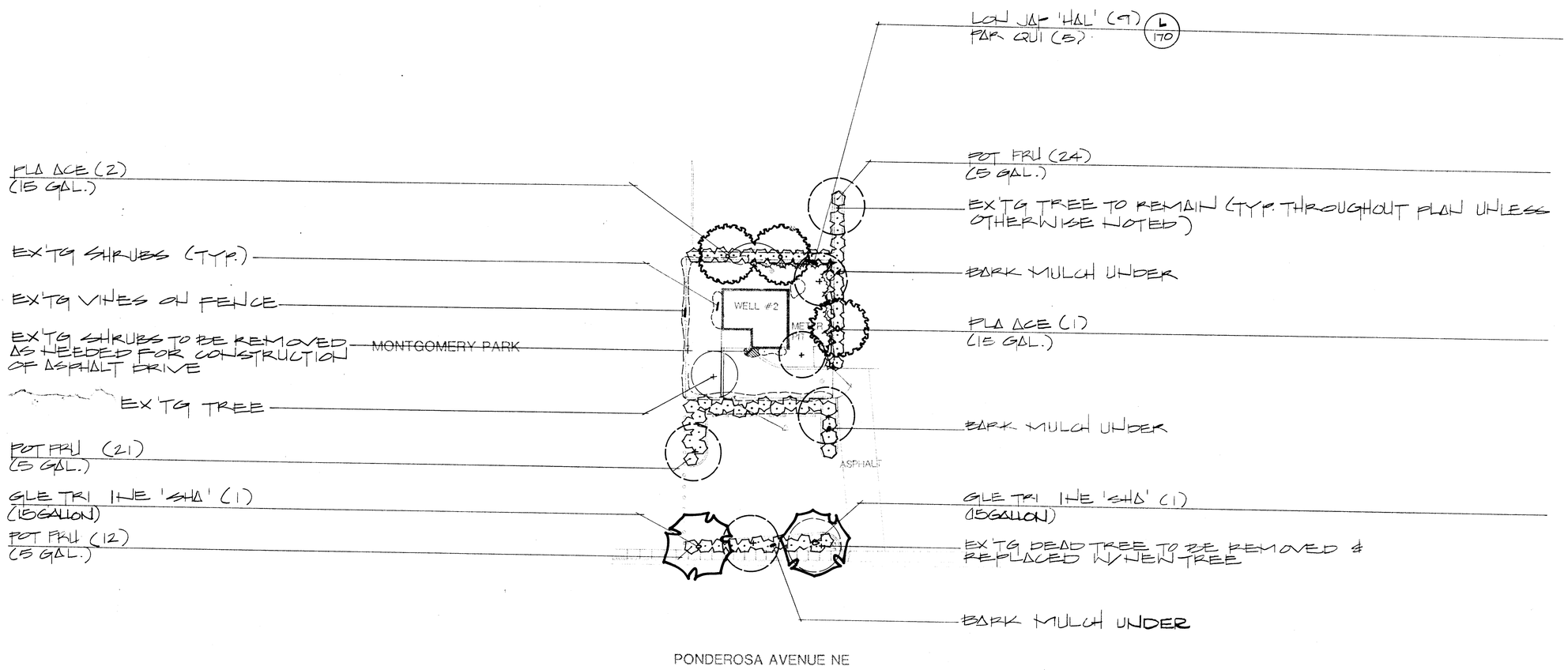

SCALE 1"=20'-0"

0 10 20 40

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Albuquerque, New Mexico 87108
505-268-2266

NOVEMBER 1986

AS BUILT

VOL-ANDIA WELL #2
5212 PONDEROSA AVENUE NE
PLANTING PLAN

LANDSCAPING IMPROVEMENTS FOR
WATER SYSTEM FACILITY SITES
WATER SYSTEMS DIVISION
CITY OF ALBUQUERQUE
ALBUQUERQUE, NEW MEXICO

SHEET
149
OF
172