ELDORADO NORTH SUBDIVISION

Albuquerque, New Mexico

CERTIFICATE OF SUBSTANIAL COMPLIANCE ON PLANS

I, Gary Werner of the firm of Resource Technology, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by FRANKLIN E. WILSON. NMPS number 6446

Engineers Seal & Signature

GARY D. WERNER NEW MEXICO 18055 LICENSED PROFESSIONAL ENGINEER

1/13/04

Surveyors Certification

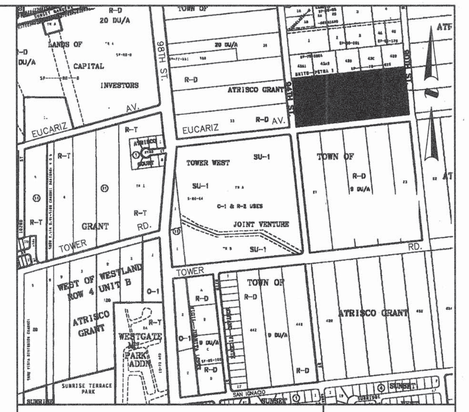
"I, Franklin E. Wilson, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Southwest Surveying Company is not responsible for any of the design concepts, calculations, engineering or intent of the record drawings.

Franklin E. Wilson, P.S. No. 6446 — Date 1/7/04

portion as built on 12/26/02

FRANKLIN E. WILSON NEW MEXICO 6446 REGISTERED LAND SURVEYOR

ALBUQUERQUE SEAL NEW MEXICO 1706



VICINITY MAP — NOT TO SCALE — L-9 Z

INDEX OF SHEETS

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2	ELDORADO NORTH PLAT (Sheets 1 of 2 and 2 of 2).
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4	ELDORADO NORTH SUBDIVISION GRADE & DRAINAGE PLAN
5	ELDORADO NORTH SUBDIVISION PAVING MASTER PLAN
6	ELDORADO NORTH SUBDIVISION EUCARIZ AVENUE PAVING PLAN & PROFILE
7	ELDORADO NORTH SUBDIVISION 90TH & 94TH PAVING PLAN & PROFILE
8	ELDORADO NORTH SUBDIVISION BRANDON COURT & TIMOTHY COURT PAVING PLAN & PROFILE
9	ELDORADO NORTH SUBDIVISION WESLEY COURT PAVING PLAN & PROFILE
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13	ELDORADO NORTH SUBDIVISION BRANDON COURT & TIMOTHY COURT–UTILITY PLAN & PROFILE
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15	OFF SITE SEWER
16	ELDORADO NORTH SUBDIVISION PAVING DETAILS & PAD GRADING & ROAD SECTION
17	ELDORADO NORTH SUBDIVISION TRAFFIC CONTROL SIGNING
18	ELDORADO NORTH SUBDIVISION TRAFFIC CONTROL STANDARDS

GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AND SHALL INCLUDE UPDATE NO. 6.

2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE & VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY.

3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM @ (260–1990) FOR LOCATION OF EXISTING UTILITIES.

4. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR ALL SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND/OR SEWERLINE COSTS.

5. ALL STATIONING REFERS TO STREET CENTERLINE STATIONING; OR TO CENTERLINE OF UTILITY IF NOT IN A STREET LOCATION.

6. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

7. CONTRACTOR SHALL CO–ORDINATE WITH WATER SYSTEMS DIRECTOR (TELEPHONE NUMBER: 857–8200) 7 WORKING DAYS PRIOR TO CONSTRUCTION WORK THAT MAY AFFECT EXISTING CITY PUBLIC WATER OR SEWER UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR TIME AND CO–ORDINATION OF WATER SHUT OFF. EXISTING CITY VALVES TO BE OPERATED BY CITY PERSONNEL ONLY.

8. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT–OF–WAY.

9. CONTRACTOR SHALL MAINTAIN A GRAFFITI–FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

10. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.

11. CONTRACTOR SHALL CONDUCT OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 (CONSTRUCTION TRAFFIC CONTROL) OF THE GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION W/UPDATE NO. 6.

12. PROPOSED WATERLINE MATERIALS SHALL BE EITHER P.V.C. PIPE MEETING AWWA C900 REQUIREMENTS (6" – 12" DIAM.) OR DUCTILE IRON PIPE, THICKNESS CLASS 50 (6" – 16" DIAM.).

13. THE CONTRACTOR AGREES TO ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER & ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

14. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768–2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

15. CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT–OF–WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.

16. CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF RECORD DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN OBTAINED AND RECORDED.

17. EXISTING CURB AND GUTTER NOT CALLED OUT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

18. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.

19. ALL FITTINGS ON WATERLINES SHALL HAVE JOINT RESTRAINTS IN ACCORDANCE WITH THE JOINT RESTRAINT LENGTHS SHOWN ON UTILITY PLAN AND PROFILE DRAWINGS AND ARE TO HAVE LOCKED MECHANICAL JOINTS.

20. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND MAINTAINING ALL EXISTING MONUMENTATION CONTROLS. IN THE EVENT OF INADVERTENT DESTRUCTION OR ALTERATION, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE CITY SURVEYOR.

21. PNM (PUBLIC SERVICE CO. OF NEW MEXICO) WILL PROVIDE AT NO COST TO THE CITY OR TO THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.

22. ** WARNING ** – EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.

23. ANY CONSTRUCTION OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY–FOUR HOUR CONSTRUCTION.

24. SIDEWALKS SHALL BE BUILT IN CONJUNCTION WITH HOUSE CONSTRUCTION ON EACH LOT.

25. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 8/20/02

* BENCHMARK IS ON THE SOUTHWEST CORNER OF 98TH ST AND TOWER RD. STD. COA BRASS CAP SET IN CONCRETE 0.4' ABOVE GROUND AND STAMPED "7–L9."

Resource Technology, Inc.
Civil Engineering, Environmental Sciences, Water Resources, Landscape Architecture, Planning
5501 Jefferson Blvd, NE, Suite 200 Albuquerque, New Mexico 87109
E-mail: rti@rtn.net Telephone: (505) 243–7300 Facsimile: (505) 243–7400

I, Franklin E Wilson, NMPS #6446 hereby certify that the as built data collected for Eldorado North Subdivision and shown on Sheets 1-18 is from field information collected under my direct supervision

Franklin E Wilson
NMPS #6446 12/26/02

REV.	SHEET	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1	5&6&16		6/23/03		6/23/03		

ENGINEERS STAMP & SIGNATURE

JUNE PAGE NEW MEXICO 14879 REGISTERED PROFESSIONAL ENGINEER
19 AUG 02

APPROVALS	ENGINEER	DATE
DRC Chairman		8-20-02
Transportation		8/20/02
Water/Wastewater		8/20/02
Hydrology		8/20/02
Parks		
Const. Coord.		8-20-02
AMAFCA		

****
APPROVED FOR CONSTRUCTION
9/24/02
City Engineer — Date

City Project No. 689881

Sheet 1 Of 18

DRB CASE NO. 1001071

As built Data added 12/26/02 by FEW and 1/7/04

HAB

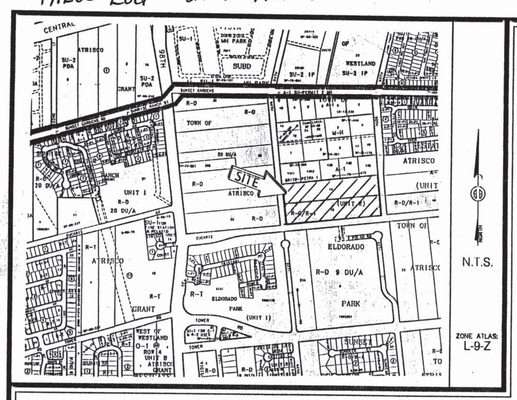
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SCANNED BY MESA REPRO

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TALOS LOG # 2001-4915-26



Vicinity Map

SUBDIVISION DATA / NOTES

1. PLAT WAS COMPILED USING EXISTING RECORD DATA & ACTUAL FIELD SURVEY.
2. BEARINGS ARE NEW MEXICO STATE PLANE GRID BEARINGS, CENTRAL ZONE, NAD 1927, AND ARE BASED ON ACS CONTROL MONUMENTS 10-L9 AND 9-L9, AS SHOWN HEREON.
3. DISTANCES ARE GROUND DISTANCES.
4. PLAT SHOWS ALL EASEMENTS OF RECORD.
5. BEARINGS AND DISTANCES IN PARENTHESES ( ) PER THE PLAT OF TRACTS ALLOTTED FROM TOWN OF ATRISCO GRANT, FILED IN BERNALILLO COUNTY, NEW MEXICO ON DECEMBER 5, 1944 IN VOLUME D, FOLIO 118.
6. GROSS ACREAGE: 10.0455 ACRES
7. NUMBER OF EXISTING TRACTS: 2
8. NUMBER OF TRACTS/LOTS CREATED: 1 TRACT & 48 LOTS
9. CENTERLINE MONUMENTS (IN LIEU OF RIGHT-OF-WAY MONUMENTATION) TO BE INSTALLED AT ALL CENTERLINE PC'S, PT'S, ANGLE POINTS AND STREET INTERSECTIONS PRIOR TO ACCEPTANCE OF SUBDIVISION STREET IMPROVEMENTS AND WILL CONSIST OF A STANDARD FOUR-INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "SURVEY MARKER", "DO NOT DISTURB", "PLS # 8686".
10. CITY OF ALBUQUERQUE WATER AND SANITARY SEWER SERVICE TO SUBJECT PROPERTY MUST BE VERIFIED AND COORDINATED WITH THE PUBLIC WORKS DEPARTMENT, CITY OF ALBUQUERQUE.
11. Total Mileage of full width streets created: 0.1886 mile
12. THE ZONING FOR BOTH PARCELS IS RD/9DU AND DESIGNATED AS P1. LOTS DESIGNATED AS P1 MUST MEET INTERMITTENT PARKING CRITERIA PER THE ZONING CODE.

OPEN SPACE REQUIREMENTS

Lots 1, 8-10, 17-21, 23-26, 32-33, 39-42, and 44-48 the open space requirements are met on the lot with the dwelling per the provisions of Section 14-16-3-8 (A) (1) of the Zoning Code.

Lots 2-4, 7, 22, 28-31, 34-37, and 43 shall have a maximum structure footprint and driveway coverage of 2,122 square feet, or provide payment to the Parks & Recreation Department (cash in-lieu) for the excess coverage beyond 2,122 square feet per the provisions of Section 14-16-3-8 (A) (2) of the Zoning Code.

Lots 5 and 12-16 shall have a maximum structure footprint and driveway coverage of 1,978 square feet, or provide payment to the Parks & Recreation Department (cash in-lieu) for the excess coverage beyond 1,978 square feet per the provisions of Section 14-16-3-8 (A) (2) of the Zoning Code.

Lots 27 & 38 shall have a maximum structure footprint and driveway coverage of 1,644 square feet, or provide payment to the Parks & Recreation Department (cash in-lieu) for the excess coverage beyond 1,644 square feet per the provisions of Section 14-16-3-8 (A) (2) of the Zoning Code.

Lots 6 & 11 shall have a maximum structure footprint and driveway coverage of 1,495 square feet, or provide payment to the Parks & Recreation Department (cash in-lieu) for the excess coverage beyond 1,495 square feet per the provisions of Section 14-16-3-8 (A) (2) of the Zoning Code.

ALL OPEN SPACE REQUIREMENTS ARE MET ON THE LOT WITH THE DWELLING.

THIS IS TO CERTIFY THAT TAXES ARE CURRENT & PAID ON
UPC#:
PROPERTY OWNER OF RECORD: /

BERNALILLO COUNTY TREASURER'S OFFICE:

LEGAL DESCRIPTION

Tracts numbered Forty-four (44) and Forty-five (45), Unit Two (2) of the Plat Showing a Portion of Tracts Allotted from TOWN OF ATRISCO GRANT, as the same is shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on December 5, 1944 in Vol. D, Folio 118.

SCANNED BY MESA REPRO

FREE CONSENT

THE UNDERSIGNED OWNER(S) AND PROPRIETOR(S) OF THE PROPERTY DESCRIBED HEREON DO HEREBY CONSENT TO THE PLATTING OF SAID PROPERTY AS SHOWN HEREON AND THE SAME IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THEIR DESIRES AND DO HEREBY REPRESENT THAT THE UNDERSIGNED INDIVIDUALS ARE AUTHORIZED TO SO ACT AND DO HEREBY GRANT ADDITIONAL EASEMENT (S) AS SHOWN AND DO HEREBY DEDICATE ADDITIONAL STREET RIGHT-OF-WAY TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH WARRANTY COVENANTS.

OWNER(S) SIGNATURE: Franklin E. Wilson Trustee DATE: 12/5/01
OWNER(S) PRINT NAME: Franklin E. Wilson, Trustee
ADDRESS: 333 Lomas NE Abq NM 87102 TRACT:
ACKNOWLEDGMENT
STATE OF NEW MEXICO)
)SS
COUNTY OF BERNALILLO)

OFFICIAL SEAL
Cristin R. Hanes
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 10/7/04

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 5th DAY OF December, 2001.
BY: Franklin E. Wilson, Trustee
MY COMMISSION EXPIRES: 10/7/04
Cristin R. Hanes
NOTARY PUBLIC

OWNER(S) SIGNATURE: E.D. Stuart PRES DATE: 12/5/01
OWNER(S) PRINT NAME: E.D. STUART, PRES
ADDRESS: 7506 Sunrise NE Abq NM 87110 TRACT:
ACKNOWLEDGMENT
STATE OF NEW MEXICO)
)SS
COUNTY OF BERNALILLO)

OFFICIAL SEAL
Cristin R. Hanes
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 10/7/04

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 5th DAY OF December, 2001.
BY: E.D. Stuart, President
MY COMMISSION EXPIRES: 10-07-04
Cristin R. Hanes
NOTARY PUBLIC

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:

1. THE PUBLIC SERVICE COMPANY OF NEW MEXICO ELECTRIC SERVICES FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF OVERHEAD AND UNDERGROUND ELECTRICAL LINES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.
2. THE PUBLIC SERVICE COMPANY OF NEW MEXICO GAS SERVICES FOR INSTALLATION, MAINTENANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS SERVICES.
3. QWEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED AND AERIAL COMMUNICATION LINES, AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.
4. COMCAST CABLE FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH LINES, CABLE AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.

INCLUDED, IS THE RIGHT TO BUILD, REBUILD, CONSTRUCT, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, MODIFY, RENEW, OPERATE, AND MAINTAIN FACILITIES FOR THE PURPOSES DESCRIBED ABOVE, TOGETHER WITH FREE ACCESS TO, FROM AND OVER SAID EASEMENTS, INCLUDING SUFFICIENT WORKING AREA SPACE FOR ELECTRIC TRANSFORMERS, WITH RIGHT AND PRIVILEGE TO TRIM AND REMOVE TREES, SHRUBS OR BUSHES WHICH INTERFERE WITH THE PURPOSES SET FORTH HEREIN. NO BUILDING, SIGN, POOL (ABOVEGROUND OR SURFACE), HOT TUB, CONCRETE OR WOOD POOL DECKING OR OTHER STRUCTURES SHALL NOT BE ERECTED OR CONSTRUCTED ON SAID EASEMENTS NOR SHALL ANY WELL BE DRILLED OR OPERATED THEREON. PROPERTY OWNERS SHALL BE SOLELY RESPONSIBLE FOR CORRECTING ANY VIOLATIONS OF NATIONAL ELECTRICAL SAFETY CODE CAUSED BY CONSTRUCTION OF POOLS, DECKING OR ANY STUCTURES ADJACENT TO, WITHIN OR NEAR EASMENTS SHOWN ON THIS PLAT.

IN APPROVING THIS PLAT, P.N.M. ELECTRIC SERVICES AND GAS SERVICES (PNM) DID NOT CONDUCT A TITLE SEARCH OF THE PROPERTIES SHOWN HEREON. CONSEQUENTLY, PNM DOES NOT WAIVE NOR RELEASE ANY EASEMENT OR EASEMENT RIGHTS TO WHICH IT MAY BE ENTITLED.

EASEMENTS FOR ELECTRIC TRANSFORMERS/SWITCHGEARS, AS INSTALLED, SHALL EXTEND TEN FEET (10') IN FRONT OF TRANSFORMER/SWITHGEAR DOORS AND FIVE FEET (5') ON EACH SIDE.

WITH THE FILING OF THIS PLAT, THE OWNER HEREBY DEDICATES TRACT A TO THE CITY OF ALBUQUERQUE FOR PUBLIC PARK PURPOSES AS PROVIDED IN THE PARK DEDICATION AND REAL ESTATE SALE AGREEMENT EFFECTIVE __/__/02, WHERE IN THE CITY HAS PURCHASED ___ ACRES AND THE OWNER IS DEDICATING __ ACRES FOR PARK PURPOSES.

PLAT OF
LOTS 1-48 & TRACT A
ELDORADO NORTH SUBDIVISION
PROJECTED SECTION 28, T. 10 N., R. 2 E., N.M.P.M.
TOWN OF ATRISCO GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
NOVEMBER 2001
SHEET 1 OF 2

DISCLOSURE STATEMENT

THE PURPOSE OF THIS PLAT IS TO DIVIDE TWO (2) EXISTING TRACTS INTO FORTY-EIGHT (48) NEW LOTS AND ONE (1) TRACT OF LAND, TO GRANT EASEMENTS AS SHOWN AND TO DEDICATE ADDITIONAL STREET RIGHT-OF-WAY.

APPLICATION NO. & PROJECT NO.: 1001011; 02400-00347; 02500-00348

CITY APPROVALS:

CITY SURVEYOR	12-6-01 DATE
TRAFFIC ENGINEERING	DATE
PARKS RECREATION	DATE
UTILITY DEVELOPMENT DIVISION	DATE
REAL PROPERTY DIVISION	DATE
A.M.A.F.C.A.	DATE
CITY ENGINEER	DATE
CITY PLANNER, ALBUQUERQUE PLANNING DIVISION	DATE

UTILITY APPROVALS

PNM GAS SERVICES/P.N.M. ELECTRIC SERVICES	3-27-02 DATE
QWEST COMMUNICATIONS	3-26-02 DATE
COMCAST CABLE	3/26/02 DATE

SURVEYOR'S CERTIFICATION

I, Gary E. Gritsko, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico and is true and correct to the best of my knowledge and belief.

GARY E. GRITSKO NEW MEXICO 8686 REGISTERED PROFESSIONAL LAND SURVEYOR

Gary E. Gritsko — Dec 5, 2001
Gary E. Gritsko, New Mexico Professional Surveyor, 8686 — Date

1" = 60'
PROJECT NO. 0102PB03
DRAWN BY PGB
ZONE ATLAS: L-9-Z

SURVEYS SOUTHWEST LTD.
333 LOMAS BLVD., N.E.
ALBUQUERQUE, NEW MEXICO
87102
PHONE: (505) 998-0303
FAX: (505) 998-0306

T10N R2E SEC. 28

CURVE TABLE					
CURVE	RADIUS	LENGTH	DELTA	CHORD BEARING	CHORD LENGTH
C1	28.00'	43.14'	88°18'19"	N39°55'00"E	39.00'
C2	28.00'	44.39'	90°50'09"	S50°31'46"E	39.89'
C3	25.00'	39.27'	90°00'00"	N39°03'10"E	35.36'
C4	25.00'	20.87'	47°49'21"	N28°51'31"W	20.27'
C5	45.00'	30.66'	39°02'05"	S34°15'09"E	30.07'
C6	45.00'	38.30'	48°45'41"	S09°38'45"W	37.15'
C7	45.00'	39.07'	49°44'22"	S58°53'46"W	37.85'
C8	45.00'	39.52'	50°18'47"	N71°04'39"W	38.26'
C9	45.00'	38.30'	48°45'41"	N21°32'25"W	37.15'
C10	45.00'	30.66'	39°02'05"	N22°21'28"E	30.07'
C11	25.00'	20.87'	47°49'21"	S17°57'50"W	20.27'
C12	25.00'	39.27'	90°00'00"	S50°56'50"E	35.36'
C13	25.00'	39.27'	90°00'00"	N39°03'10"E	35.36'
C14	25.00'	20.87'	47°49'21"	N29°51'31"W	20.27'
C15	45.00'	30.66'	39°02'05"	S34°15'09"E	30.07'
C16	45.00'	38.51'	49°02'18"	S09°47'03"W	37.35'
C17	45.00'	39.08'	49°45'34"	S59°10'59"W	37.86'
C18	45.00'	39.07'	49°44'22"	N71°34'03"W	37.85'
C19	45.00'	39.07'	49°44'22"	N21°18'42"W	37.85'
C20	45.00'	30.11'	38°20'02"	N22°42'30"E	29.55'
C21	25.00'	20.87'	47°49'21"	S17°57'50"W	20.27'
C22	25.00'	39.27'	90°00'00"	S50°56'50"E	35.36'
C23	25.00'	39.27'	90°00'00"	N39°03'10"E	35.36'
C24	25.00'	20.87'	47°49'21"	N29°51'31"W	20.27'
C25	45.00'	30.11'	38°20'24"	S34°35'59"E	29.55'
C26	45.00'	39.10'	49°47'18"	S09°27'52"W	37.88'
C27	45.00'	39.04'	49°42'15"	S59°12'36"W	37.82'
C28	45.00'	38.96'	49°36'33"	N71°38'03"W	37.76'
C29	45.00'	38.81'	49°09'55"	N21°44'54"W	37.44'
C30	45.00'	30.66'	39°02'28"	N22°21'17"E	30.07'
C31	25.00'	20.87'	47°49'21"	S17°57'50"W	20.27'
C32	25.00'	39.27'	90°00'00"	S50°56'50"E	35.36'

SCALE: 1" = 60'
PROJECT NO. 0102PB03
DRAWN BY PGB
ZONE ATLAS: L-9-Z
.CRS

MONUMENT LEGEND

- ⊕ – FOUND CONTROL STATION AS NOTED
- △ – CENTERLINE MONUMENT, – SEE NOTE #9, SHEET 1 OF 2
- ⊟ – FOUND MONUMENT AS NOTED
- ● – SET 1/2" REBAR W/YELLOW PLASTIC CAP STAMPED "ORTSKO LS8686" UNLESS OTHERWISE NOTED

PLAT OF
LOTS 1-48 & TRACTS A & B
ELDORADO NORTH SUBDIVISION
PROJECTED SECTION 28, T. 10 N., R. 2 E., N.M.P.M.
TOWN OF ATRISCO GRANT
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
NOVEMBER 2001
SHEET 2 OF 2

STATION: ACS 10-L9
X = 352794.84
Y = 1482084.51
GROUND TO GRID = 0.99967602
DELTA ALPHA = -00°16'56"
NEW MEXICO STATE PLANE COORDINATE SYSTEM
CENTRAL ZONE, NAD 1927
ELEV. = 5204.437, NGVD 1929

STATION: ACS 9-L9
X = 353055.34
Y = 1480156.08
GROUND TO GRID = 0.99967636
DELTA ALPHA = -00°16'56"
NEW MEXICO STATE PLANE COORDINATE SYSTEM
CENTRAL ZONE, NAD 1927
ELEV. = 5187.036, NGVD 1929

FND #4 REBAR W/CAP PLS8686
174.05 SQ.FT. ADDITIONAL PUBLIC RIGHT-OF-WAY DEDICATED TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH WARRANTY COVENANTS

FND #4 REBAR W/CAP LS8446
156.77 SQ.FT. ADDITIONAL PUBLIC RIGHT-OF-WAY DEDICATED TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE WITH WARRANTY COVENANTS

FND 1 1/2" IRON PIPE

35'x35' PUBLIC WATERLINE EASMT. (GRANTED BY THIS PLAT)

10' PUBLIC UTILITY EASMT. (GRANTED BY THIS PLAT)

15' PUBLIC WATERLINE EASMT. (GRANTED BY THIS PLAT)

10' PRIVATE SANITARY SEWER EASMT. (GRANTED BY THIS PLAT)

TOWN OF ATRISCO GRANT (01/19/88, A9-81)

TOWN OF ATRISCO GRANT (01/19/88, B22-87)

TRACT 43A1

TRACT 43A2

TRACT 43-B

TRACT 43-C

TRACT 43-D

N84°06'11"E 1027.36'

Lot 1-PI 5373.97 SQ.FT.
Lot 2-PI 4616.20 SQ.FT.
Lot 3-PI 4586.66 SQ.FT.
Lot 4-PI 4557.12 SQ.FT.
Lot 5-PI 4410.05 SQ.FT.
Lot 6-PI 3992.87 SQ.FT.
7-PI 7,678.49 SQ.FT.
Lot 8-PI 8,181.58 SQ.FT.
Lot 9-PI 8,410.64 SQ.FT.
Lot 10-PI 7,747.66 SQ.FT.
Lot 11-PI 3994.84 SQ.FT.
Lot 12-PI 4500.00 SQ.FT.
Lot 13-PI 4500.00 SQ.FT.
Lot 14-PI 4500.00 SQ.FT.
Lot 15-PI 4500.00 SQ.FT.
Lot 16-PI 5365.87 SQ.FT.
Lot 17-PI 6190.87 SQ.FT.
Lot 18-PI 5715.00 SQ.FT.
Lot 19-PI 5715.00 SQ.FT.
Lot 20-PI 5715.00 SQ.FT.
Lot 21-PI 5715.00 SQ.FT.
Lot 22-PI 4669.84 SQ.FT.
Lot 23-PI 9,139.79 SQ.FT.
Lot 24-PI 9,175.43 SQ.FT.
Lot 25-PI 18,472.53 SQ.FT.
Lot 26-PI 8,025.04 SQ.FT.
Lot 27-PI 4066.06 SQ.FT.
Lot 28-PI 4614.63 SQ.FT.
Lot 29-PI 4614.63 SQ.FT.
Lot 30-PI 4614.63 SQ.FT.
Lot 31-PI 4614.63 SQ.FT.
Lot 32-PI 5505.98 SQ.FT.
Lot 33-PI 5505.98 SQ.FT.
Lot 34-PI 4614.63 SQ.FT.
Lot 35-PI 4614.63 SQ.FT.
Lot 36-PI 4614.63 SQ.FT.
Lot 37-PI 4614.63 SQ.FT.
Lot 38-PI 4066.06 SQ.FT.
Lot 39-PI 8,027.92 SQ.FT.
Lot 40-PI 8,460.12 SQ.FT.
Lot 41-PI 9,144.91 SQ.FT.
Lot 42-PI 8,966.98 SQ.FT.
Lot 43-PI 4561.43 SQ.FT.
Lot 44-PI 5036.84 SQ.FT.
Lot 45-PI 5007.26 SQ.FT.
Lot 46-PI 4977.67 SQ.FT.
TRACT A CITY PARK 110,607.63 SQ.FT. (2.5392 ACS.)
TRACT B TEMPORARY POND (PRIVATE) 10,821.45 SQ.FT.

94TH STREET S.W. 60' PUBLICLY DEDICATED RIGHT-OF-WAY
90TH STREET S.W. 60' PUBLICLY DEDICATED RIGHT-OF-WAY
BRANDON COURT S.W. 44' R.O.W.
TIMOTHY COURT S.W. 44' R.O.W.
WESLEY COURT S.W. 44' R.O.W.
EUCARIZ AVENUE S.W. 60' PUBLICLY DEDICATED RIGHT-OF-WAY
MONICATT DRIVE S.W. 54' PUBLIC ROADWAY EASMT.

SURVEYS SOUTHWEST, LTD.
333 LOMAS BLVD., N.E.
ALBUQUERQUE, NEW MEXICO
87102
PHONE: (505) 998-0303
FAX: (505) 998-0306

T10N R2E SEC. 28

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 16 18 19 18 11 0226
6898.1



BASIN RUNOFF SUMMARY

EXISTING CONDITION HYDROLOGY

Basin	Area (ac)	Land Treatment %A	%B	%C	%D	Qpeak (cfs) 10-yr 6-hr	100-yr 6-hr	Volume (ac-ft) 10-yr 6-hr	100-yr 6-hr	100-yr 10-day
The Towers	22.77	100	0	0	0	5.5	12.9	0.152	0.835	0.835
Eldorado North	11.1	100	0	0	0	2.6	14	0.07	0.4	0.4
Colucci	17.44	100	0	0	0	4.2	22.5	0.116	0.641	0.641

FULLY DEVELOPED CONDITION HYDROLOGY

Basin	Area (ac)	Land Treatment %A	%B	%C	%D	Qpeak (cfs) 10-yr 6-hr	100-yr 6-hr	Volume (ac-ft) 10-yr 6-hr	100-yr 6-hr	100-yr 10-day
The Towers	22.77	0	20	20	60	49.7	81	1.662	2.873	4.546
Eldorado North	11.1	0	34	20	46	21	36	0.7	1.2	1.8
Colucci	17.44	0	20	18	60	39.7	64.6	1.343	2.288	3.684

LEGEND

- 0.7% — APPROXIMATE STREET SLOPE
- SCHEMATIC OF PROPOSED STORM SEWER SYSTEM BY SAD
- DRAINAGE BASIN BOUNDARY
- A, Q= 6.8 cfs — 100-YR RUNOFF
- AREA DRAINAGE DIRECTION PER SAD
- 7 — SAD ANALYSIS POINT

N

SCALE: 1" = 100'

0 100 200 300

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

AS BUILT INFORMATION
CONTRACTOR Vista Grande Inc. DATE 8/2/04
WORK INSPECTED BY Sonny Salazar DATE 8/2/04
INSPECTOR ACCEPTANCE BY Richard Gray DATE 11/04
VERIFICATION BY Erwin Allen DATE 11/04
DRAWINGS BY Erwin Allen DATE 11/04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA 7 - L9 STD COA BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.
GROUND TO GRID = 0.999677727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE
NAD 1927
NORTHING: 1478346.71
EASTING: 3529378.14
ELEVATION: 5175.735 NGVD 1929

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEERS SEAL
JUNE PAGE NEW MEXICO 14879 REGISTERED PROFESSIONAL ENGINEER
11 FEB 2002

NO.	REMARKS	BY	DATE
	REVISIONS		
	DESIGN		12/2001
	DESIGNED BY	JP	DATE 12/2001
	DRAWN BY	JJG	DATE 12/2001
	CHECKED BY	JP	DATE 12/2001

Resource Technology, Inc.
Civil Engineering
Environmental Sciences
Water Resources
Landscape Architecture
Planning
5501 Jefferson Blvd. NE, Suite 200
Albuquerque, New Mexico 87109
E-mail: rti@nm.net
Telephone: (505) 243-7300
Facsimile: (505) 243-7400

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

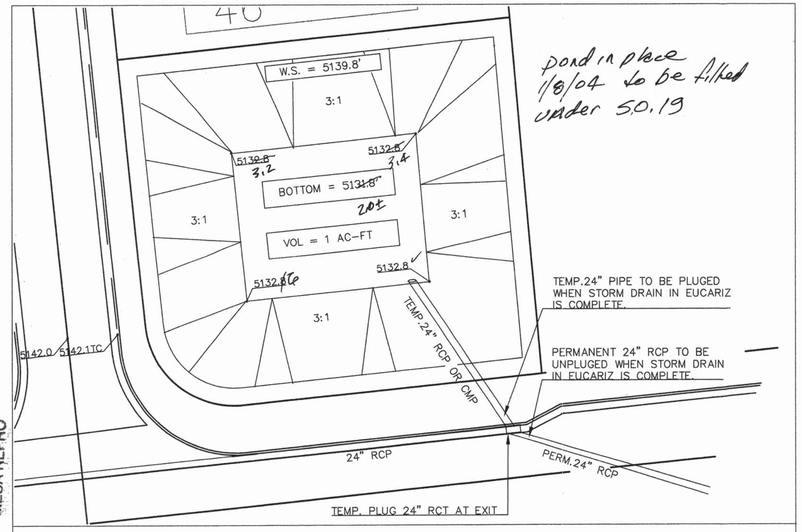
TITLE: **MASTER DRAINAGE PLAN**
THE TOWERS, NORTH ELDORADO, & COLUCCI SUBDIVISION

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
FOR INFORMATION ONLY				

PROJECT NO. ~~6.9001~~ 6.99001 MAP NO. L-9-Z SHEET 13 OF 20 18

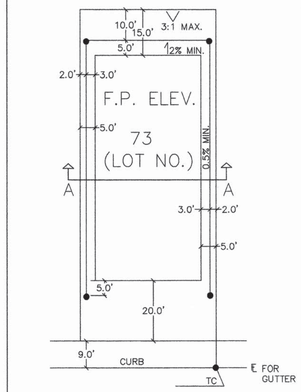
2nd 1/7/04 FEW
As Built data added 12/20/02 By FEW

0118DRM.dwg 2-8-02 4:15:05 pm EST

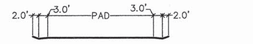


pond in place 1/8/04 to be filled under 50.19

TEMPORARY RETENTION POND DETAIL SCALE = 1:20'



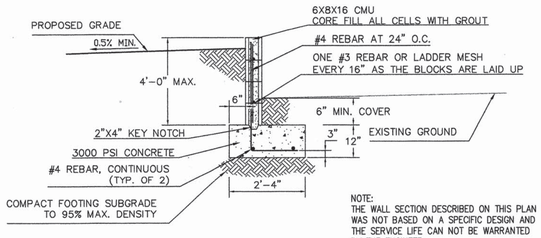
TYPICAL LOT DETAIL



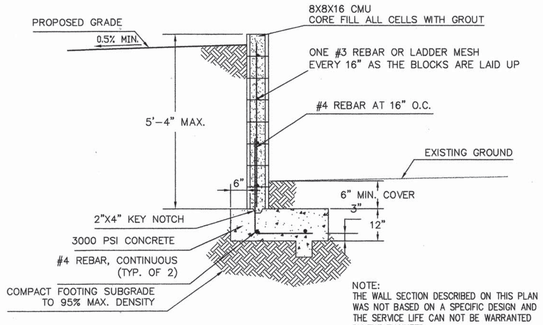
SECTION AA

LEGEND

- H.P. — HIGH POINT
- 1.5 % — APPROX. SLOPE OF STREET
- B, Q= 4.8 cfs — 100-YR RUNOFF
- BASIN BOUNDARY
- 5126.9TW — TOP OF RETAINING WALL
- VALLEY GUTTER
- 5132.5 — PAD ELEVATIONS
- 5126.9 — SPOT ELEVATIONS
- RETAINING WALL
- GARDEN WALL



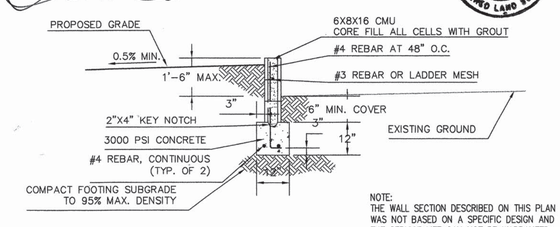
CMU RETAINING WALL
HEIGHT 4' OR LESS N.T.S.



CMU RETAINING WALL
HEIGHT LESS THAN 5'-4" N.T.S.

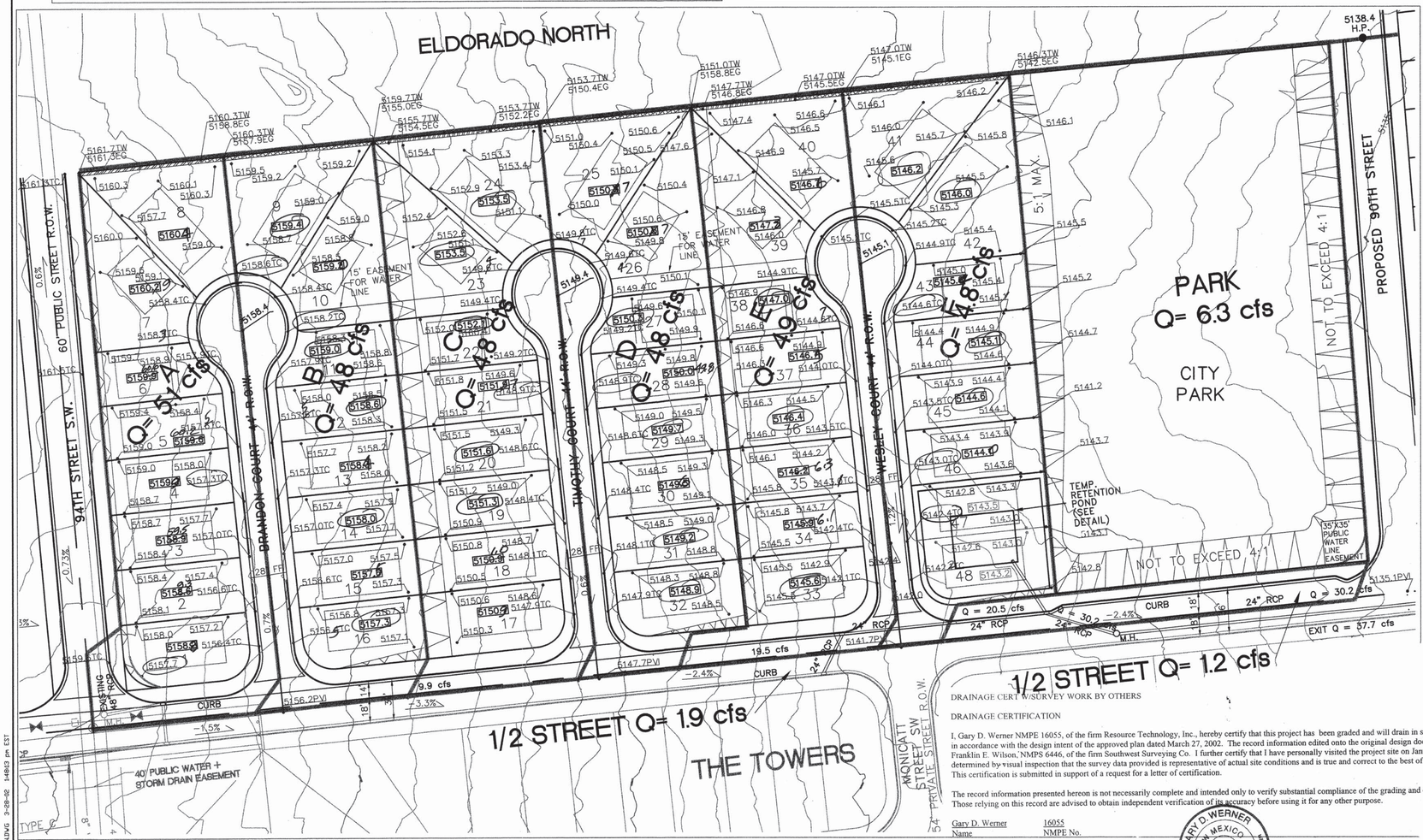
As built data (46.1) = to plan
(46.1 46.4 = corrected

Franklin E. Wilson



CMU GARDEN WALL N.T.S.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 1 6 8 9 8 1 1 0 4 0 4



DRAINAGE CERT W/SURVEY WORK BY OTHERS

DRAINAGE CERTIFICATION

I, Gary D. Werner NMPE 16055, of the firm Resource Technology, Inc., hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated March 27, 2002. The record information edited onto the original design document has been obtained by Franklin E. Wilson, NMPS 6446, of the firm Southwest Surveying Co. I further certify that I have personally visited the project site on January 8, 2004 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for a letter of certification.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on this record are advised to obtain independent verification of its accuracy before using it for any other purpose.

Gary D. Werner — Name
16055 — NMPE No.
January 11, 2004 — Date

GARY D. WERNER NEW MEXICO 16055 REGISTERED PROFESSIONAL ENGINEER

Gary Werner 1/7/04

SCALE: 1" = 50'

0 50 100 150

2nd 1/7/04 dtw

As built data added 12/26/02 BJ FEW

For Information Only

AS BUILT INFORMATION
CONTRACTOR: Wm Cavanaugh Inc. DATE: 8/04
WORK STAKED BY: Surety Southwest DATE: 8/04
INSPECTION BY: Wm Cavanaugh DATE: 10/04
FIELD LOCATION BY: Surety DATE: 12/04
DRAWINGS CORRECTED BY: Franklin Wilson DATE: 1/04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEERS SEAL

NEW MEXICO 6446 REGISTERED LAND SURVEYOR FRANKLIN E. WILSON

NEW MEXICO 16055 REGISTERED PROFESSIONAL ENGINEER

27 March '02

NO.	REMARKS	BY	DATE
	REVISIONS DESIGN		
		DESIGNED BY COU	9/2001
		DRAWN BY EKK	9/2001
		CHECKED BY JP	9/2001

Resource Technology, Inc.
Civil Engineering
Environmental Sciences
Water Resources
Landscape Architecture
Planning
5501 Jefferson Blvd. NE, Suite 200
Albuquerque, New Mexico 87109
E-mail: rti@nmnet
Telephone (505) 243-7300
Facsimile (505) 243-7400

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: GRADING AND DRAINAGE PLAN
ELDORADO NORTH

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRAINAGE			WATER		
TRANS. DEV.			WASTE WATER		
HYDROLOGY			TRAF. OPER.		
OTHER			OTHER		

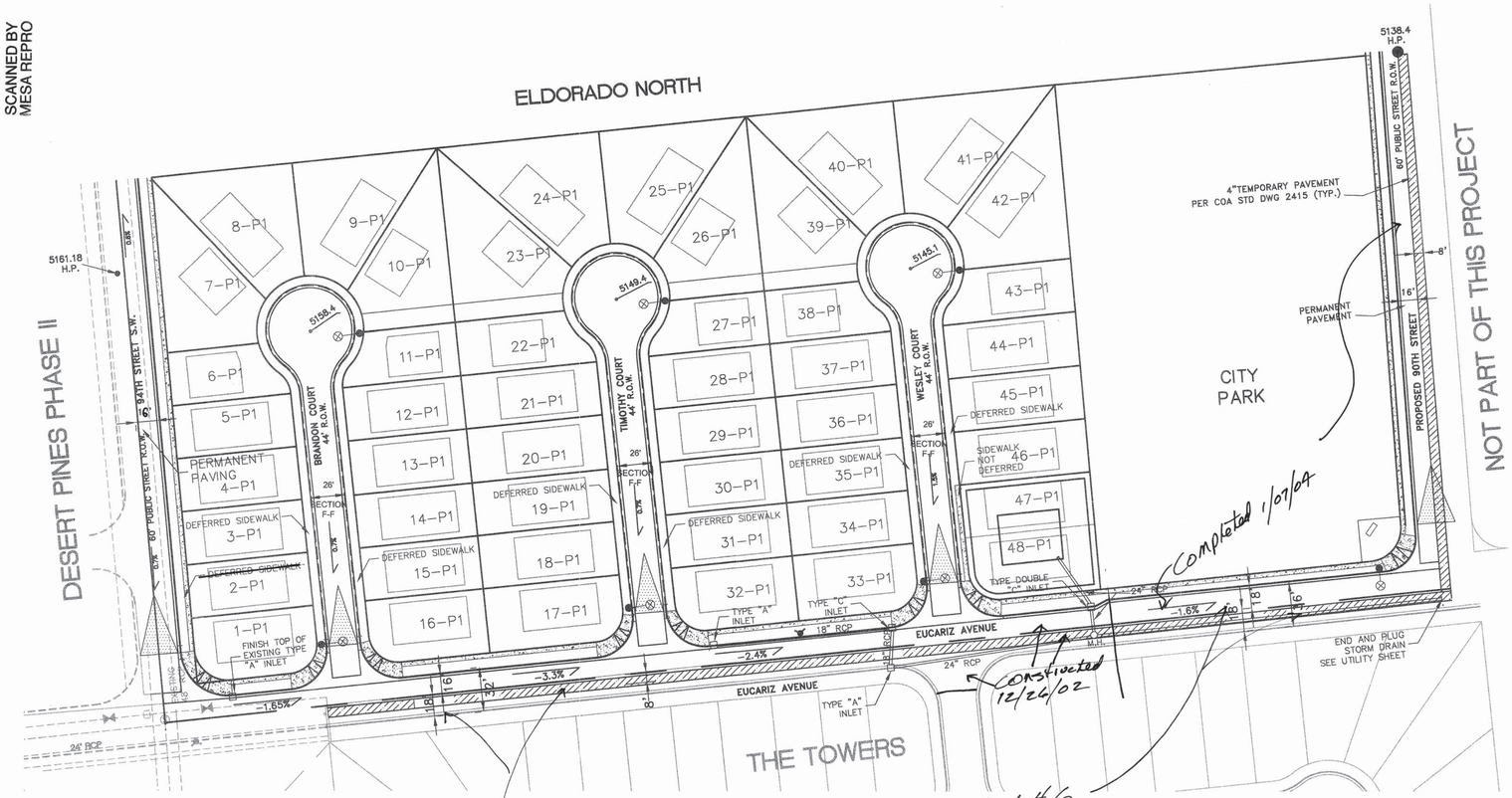
PROJECT NO. 689881 | MAP NO. L-9 | SHEET 42 OF 182

0128GD-NJW 3-28-02 14:49:3 pm EST

12/26/02
- Brandon, Timothy, Wesley and East ½ 94th = 26' wide 3" HMAC, conc c+g valley gutter, wheelchair ramps
- Eucariz - 32' wide x 4" HMAC conc c+g both sides, wheelchair ramps valley gutter

1/7/04 West ½ 90th - 28' wide HMAC x 3" thick, conc c+g sidewalk, wheel chair ramps + valley gutter

SCANNED BY
MESA REPRO



Completed 1/07/04

Constructed 12/26/02

⚠ See notes added 6/23/03 to Sheet #6

Franklin Ellen

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.

LEGEND

- H.P. — HIGH POINT
- SLOPE OF STREET
- VALLEY GUTTER COA DWG. 2420
- CROWN TRANSITION COA DWG. 2401
- WHEEL CHAIR RAMP COA DWG. 2441 CASE#2 & CURB TRANSITION @ CUL DE SAC'S COA DWG. 2418
- STANDARD CURB AND GUTTER COA DWG. 2415
- MOUNTABLE CURB AND GUTTER COA DWG. 2415
- TEMPORARY PAVEMENT
- 4' SIDEWALK PER COA STD DWG 2430
- FIRE HYDRANT
- STREET LIGHT COA

Franklin Ellen

N

120 0 120
60
SCALE: 1" = 60'

and 1/7/04 gcv

As built data added 12/26/02 by FEW

AS BUILT INFORMATION

CONTRACTOR Wilco Concrete Inc. DATE 3/24/03
WORK STAKED BY Summit Southwest DATE 2/04
INSPECTOR'S ACCEPTANCE BY Ken Hathaway DATE 1/04
AS-BUILT VERIFICATION BY Scott Hall DATE 2/03
DRAWINGS COMPILED BY Frank Wilson DATE 1/04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.
City Inspector: H. Blair

BENCH MARKS

ACS STA 7 – L9 STD COA BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.
GROUND TO GRID = 0.99967727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE
NAD 1927
NORTHING: 1478346.71
EASTING: 352978.14
ELEVATION: 5175.735 NGVD 1929

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEERS SEAL

JUNE PAGE NEW MEXICO 14077 REGISTERED PROFESSIONAL ENGINEER
6 Aug 02

NO.	DATE	REVISIONS	BY
1	6/23/03	Added Curve	JP
		DESIGN	
		DATE	5-02
DESIGNED BY		JP	
		DATE	5-02
DRAWN BY		EKK, RW	
		DATE	5-02
CHECKED BY		JP	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 | 6 8 9 8 . 8 1 | 0 5 0 6

Resource Technology, Inc.
Civil Engineering
Environmental Sciences
Water Resources
Landscape Architecture
Planning
5501 Jefferson Blvd. NE, Suite 200
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E-mail: rti@rtn.net
Telephone: (505) 243-7300
Facsimile: (505) 243-7400

CITY OF ALBUQUERQUE
DEPARTMENT
DIVISION

TITLE: **ELDORADO NORTH SUBDIVISION**
MASTER PAVING

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
AUG 20 2002 REVIEW COMMITTEE	APPROVED SEP 26 2002 CITY ENGINEER			

PROJECT NO. 689881 | MAP NO. L-9-Z | SHEET 5 OF 18

LOT 1 AT 94TH		
	TC	FL
1/4	5158.71	5158.04
1/2	5159.00	5158.33
3/4	5159.29	5158.62

NOTE: READ CLOCK WISE

BRANDON LOT 1		
	TC	FL
1/4	5156.67	5156.26
1/2	5156.70	5156.20
3/4	5157.00	5156.41

LOT 16		
	TC	FL
1/4	5155.29	5154.78
1/2	5155.54	5155.04
3/4	5155.85	5155.46

NOTE: READ CLOCK WISE

TIMOTHY LOT 17		
	TC	FL
1/4	5148.46	5148.05
1/2	5148.49	5147.99
3/4	5148.99	5148.40

LOT 32		
	TC	FL
1/4	5147.16	5146.65
1/2	5147.38	5146.88
3/4	5147.68	5147.29

NOTE: READ CLOCK WISE

WESLEY AT TEMP. POND		
	TC	FL
1/4	5141.61	5140.94
1/2	5141.79	5141.12
3/4	5141.97	5141.47

LOT 33		
	TC	FL
1/4	5142.74	5142.13
1/2	5142.36	5141.87
3/4	5142.37	5141.92

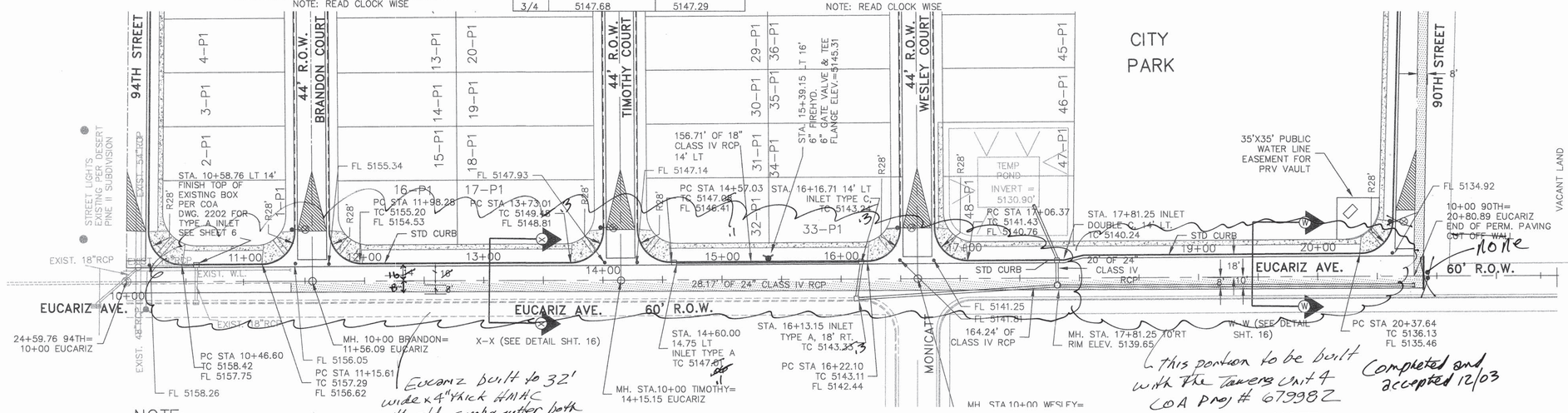
NOTE: READ CLOCK WISE

CURB AND GUTTER FLARE TO PARKING @ PARK ON EUCARIZ			
STATION	OFFSET	TC	FL
PC 17+87.40	14.00	5140.14	5139.47
R=28', L=0.98'			
PT 17+88.01	14.12	5140.12	5139.45
CURB LENGTH = 15.51'			
PC 18+03.05	17.88	5139.83	5139.16
R = 28', L = 0.98'			
PT 18+04.02	18.00	5139.81	5139.14

NOTE: READ COUNTER CLOCK WISE

90TH AT CITY PARK		
	TC	FL
1/4	5135.74	5135.07
1/2	5135.83	5135.16
3/4	5135.96	5135.29

NOTE: READ CLOCK WISE



NOTE:

THE BOTTOM HALF OF THE INLET AT 10+58.76 AND ALL OF THE REST OF THE STORM DRAIN SYSTEM AT THIS INTERSECTION WERE COMPLETED PER ELDORADO SUBDIVISION UNIT 4, CITY PROJECT NO.665481

Eucariz built to 32' wide x 4" thick AHAC with std. curb & gutter both sides

this portion to be built with the Towers Unit 4 COA proj # 679982

Completed and accepted 12/03

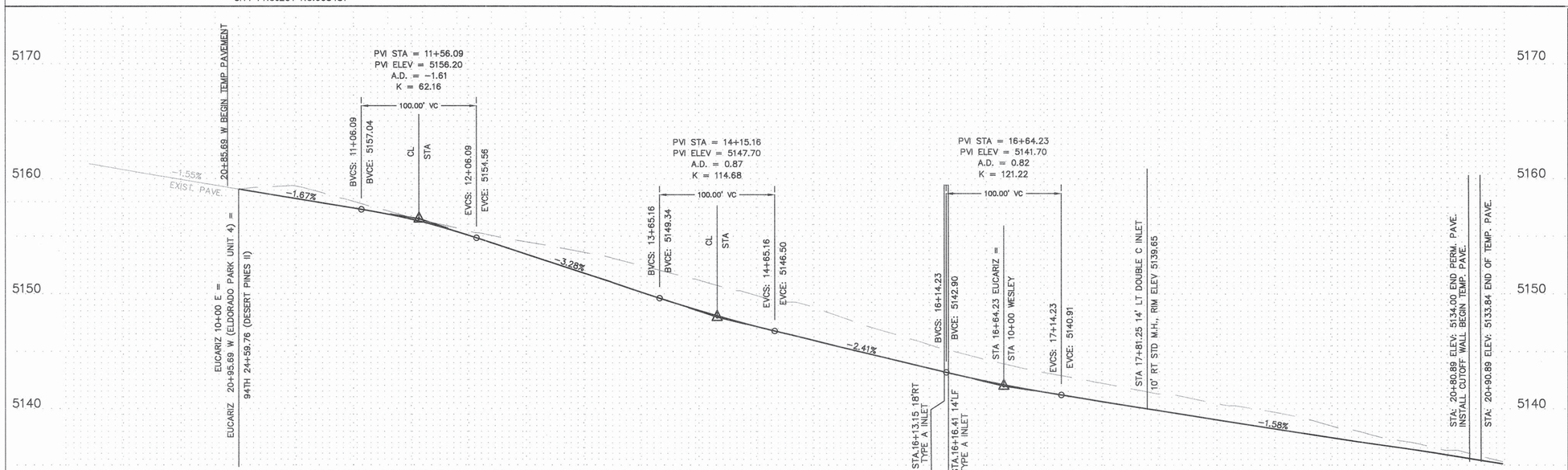
NOTE:

SEE UTILITIES DWG.OF EUCARIZ AVE., SHEET 11 STORM DRAIN PLAN AND PROFILE.

SCALE: 1"=50' HORIZ.
1"=5' VERT.

EUCARIZ AVENUE

6/23/03



and 1/7/04 As built data added 12/26/02 By FEW

LEGEND

- MOUNTABLE CURB & GUTTER COA STD DWG 2415
- STANDARD CURB & GUTTER COA STD. DWG. 2415
- 6' WIDE VALLEY GUTTER PER COA DRAWING #2420
- TEMP. PAVMENT SEE DETAIL SHT
- 4' SIDEWALK PER COA STD DWG 2430
- CUTOFF WALL & BARRICADE COA DWG #2401
- CROWN TRANSITION COA DWG #2401
- WHEEL CHAIR RAMP COA DWG.#2441 CASE #2
- CURB TRANSITION FOR CUL-DE-SAC'S PER COA STD DWG# 2418

Resource Technology, Inc.
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Environmental Sciences
Water Resources
Landscape Architecture
Planning
5501 Jefferson Blvd. NE, Suite 200
Albuquerque, New Mexico 87109
E-mail: rti@rmnet
Telephone: (505) 243-7300
Facsimile: (505) 243-7400

NO.	DATE	REMARKS	BY
1	6/23/03	amend Eucariz	FEW
		REVISIONS	
		DESIGN	DATE 12/2001
		DESIGNED BY JP	DATE 12/2001
		DRAWN BY EKK	DATE 12/2001
		CHECKED BY JP, CAR	DATE 12/2001

AS BUILT INFORMATION
CONTRACTOR Nuu Desert's Inc. DATE 12/02
WORK STAKED BY Jason Hammat DATE 12/02
STAKES CHECKED BY Kassandra Gonzales DATE 12/02
ACCEPTANCE BY Jason Hammat DATE 12/02
FIELD LOCATION BY Jason Hammat DATE 12/02
DRAWINGS CORRECTED BY Grant Wilson DATE 1/04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA 7 – L9 STD COA BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.
GROUND TO GRID = 0.99967727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE
NAD 1927
NORTHING: 1478346.71
EASTING: 352978.14
ELEVATION: 5175.735 NGVD 1929

SURVEY INFORMATION
FIELD NOTES
NO. | DATE | BY

ENGINEERS SEAL
FRANK E. JARAMILLO 14073 REGISTERED PROFESSIONAL ENGINEER
6 Aug '02

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: EL DORADO NORTH SUBDIVISION
EUCARIZ PAVING PLAN AND PROFILE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
AUG 2 0 2002 REVIEW COMMITTEE	SEP 2 6 2002			

City Project No.	Zone Map No.	Sheet	Of
689881	L-9-Z	6	18

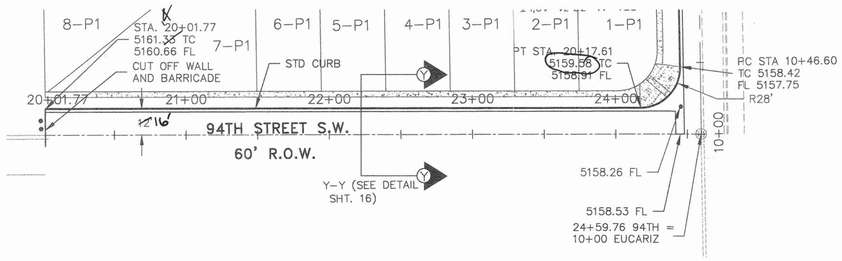
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26 6898.81 0606

LOT 1 AT 94TH		
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1/2	5159.00	5158.33
3/4	5159.29	5158.62

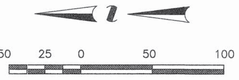
NOTE: READ CLOCK WISE

90TH AT CITY PARK		
	TC	FL
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1/2	5135.83	5135.16
3/4	5135.96	5135.29

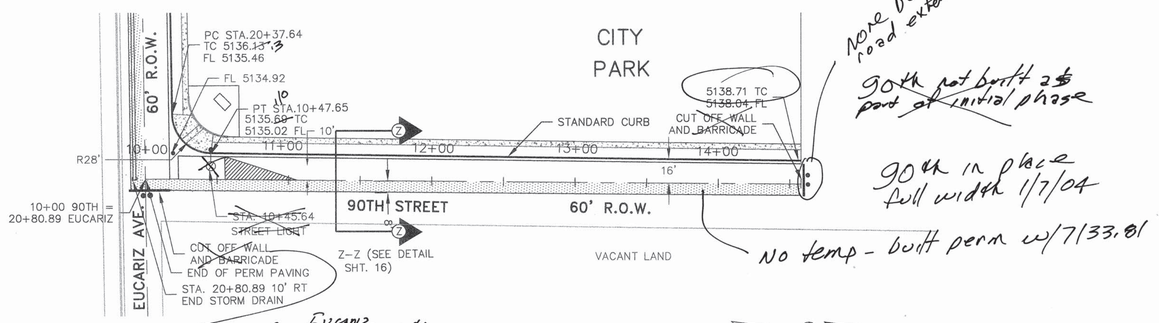
NOTE: READ CLOCK WISE



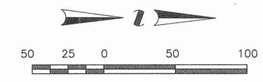
94TH



SCALE: 1"=50' HORIZ.
1"=5' VERT.

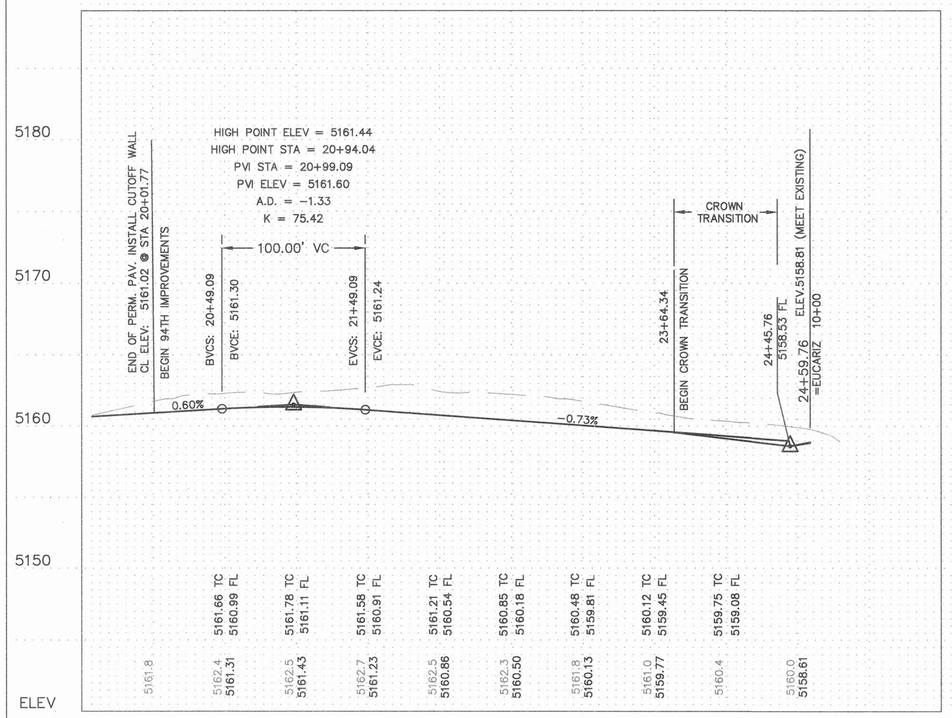


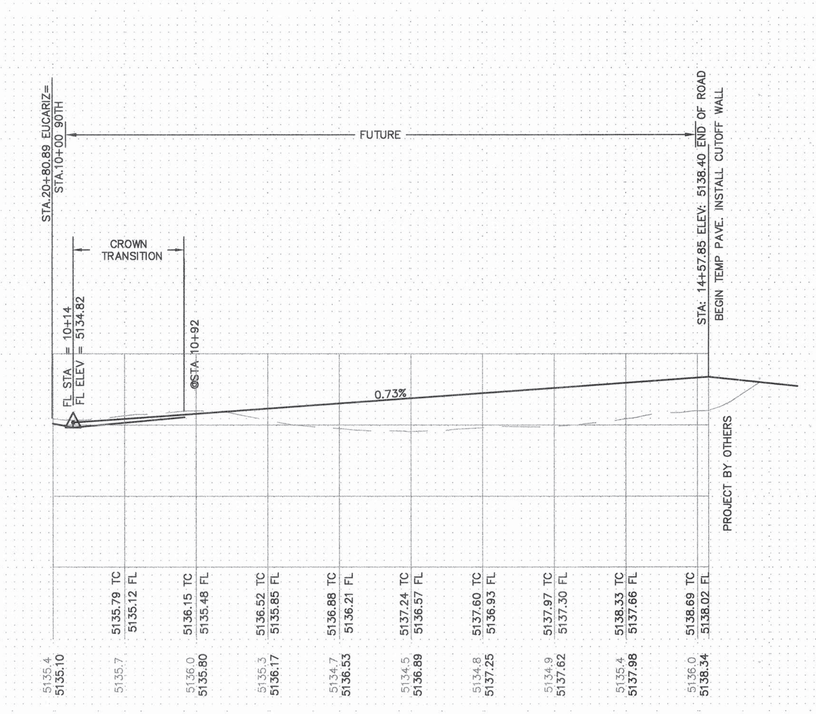
90TH



SCALE: 1"=50' HORIZ.
1"=5' VERT.

SCANNED BY MESA REPRO





and 1/07/04 rw
As built data added BY FEW

LEGEND

- STANDARD CURB & GUTTER COA STD DWG 2415
- 6' WIDE VALLEY GUTTER PER COA DRAWING #2420
- TEMP. PAVMENT SEE DETAIL SHT.
- 4' SIDEWALK PER COA STD DWG 2430
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NO.	DATE	REMARKS
		REVISIONS
		DESIGN

DESIGNED BY JP — DATE 12/2001
DRAWN BY EKK — DATE 12/2001
CHECKED BY JP, CAR — DATE 12/2001

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **ELDORADO NORTH SUBDIVISION**
94TH AND 90TH PAVING PROFILE

Design Review Committee: AUG 20 2002 REVIEW COMMITTEE
City Engineer Approval: SEP 26 2002 CITY ENGINEER

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

City Project No. 689881 | Zone Map No. L-9-Z | Sheet 7 Of 18

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6898.81 07 09

AS BUILT INFORMATION
CONTRACTOR: New Contours Inc. DATE: 3/8/02
WORK STAKED BY: Surveyed w/ Autocad DATE: 3/8/02
INSPECTORS ACCEPTANCE BY: [illegible] DATE: 7/04
VERIFICATION BY: [illegible] DATE: 7/04
CORRECTED BY: Frank Wilson DATE: 11/04
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.

BENCH MARKS
ACS STA 7 - L9 STD COA BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.
GROUND TO GRID = 0.99967727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE NAD 1927
NORTHING: 1478346.71
EASTING: 352978.14
ELEVATION: 5175.735 NGVD 1929

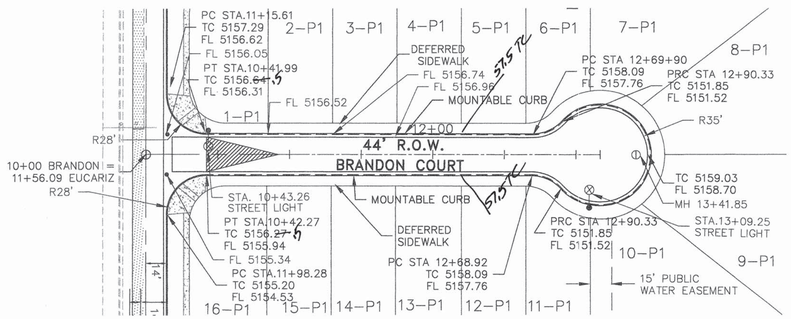
SURVEY INFORMATION
FIELD NOTES BY: DATE:

ENGINEERS SEAL
JUNE PROEHL NEW MEXICO 14079 REGISTERED PROFESSIONAL ENGINEER
6 AUG '02

BRANDON		
LOT 1		
	TC	FL
1/4	5156.67	5156.26
1/2	5156.70	5156.20
3/4	5157.00	5156.41

LOT 16		
	TC	FL
1/4	5155.29	5154.78
1/2	5155.54	5155.04
3/4	5155.85	5155.46

NOTE: READ CLOCK WISE

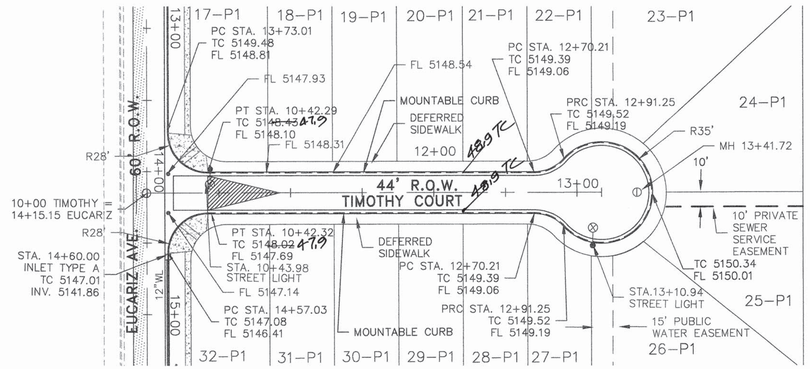


BRANDON COURT

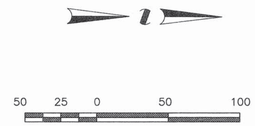
TIMOTHY		
LOT 17		
	TC	FL
1/4	5148.46	5148.05
1/2	5148.49	5147.99
3/4	5148.99	5148.40

TIMOTHY		
LOT 32		
	TC	FL
1/4	5147.16	5146.65
1/2	5147.38	5146.88
3/4	5147.68	5147.29

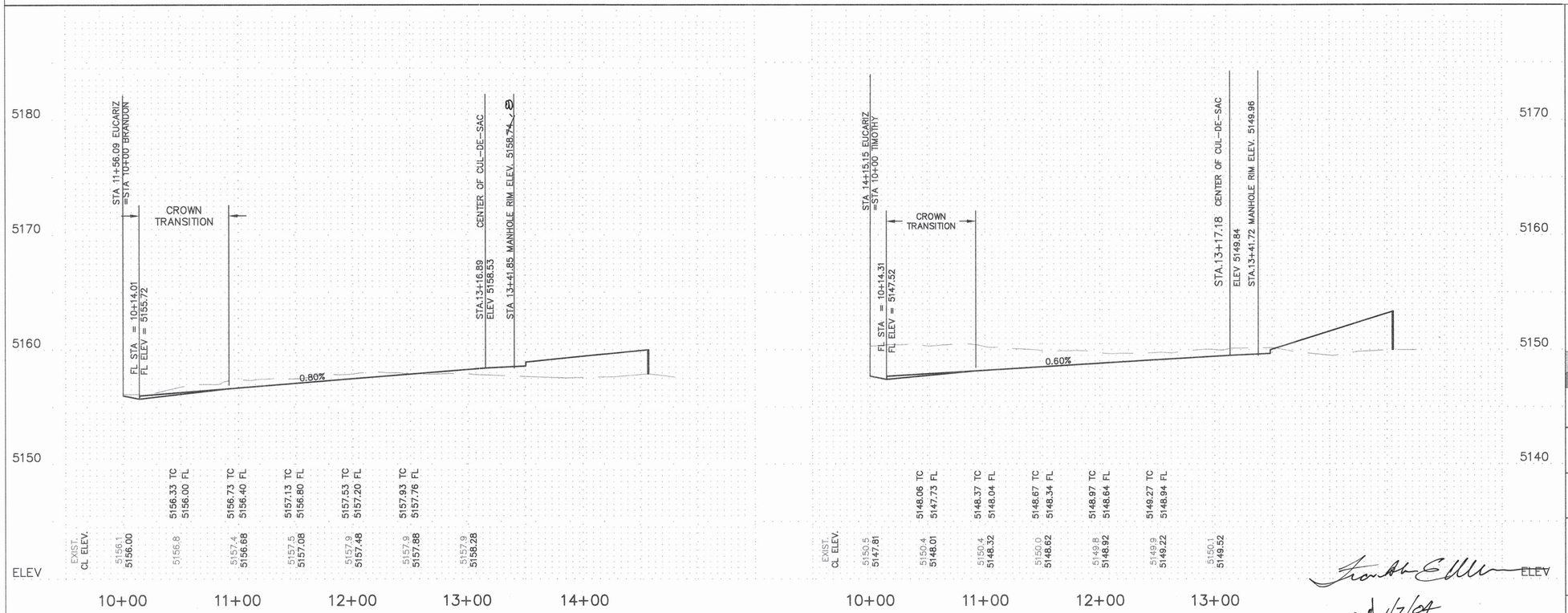
NOTE: READ CLOCK WISE



TIMOTHY COURT



SCANNED BY
MESA REPRO



Frank E Ellis

2nd 1/7/04

As Built data added 12/20/02 SY FEW

LEGEND

- STANDARD CURB & GUTTER COA STD DWG 2415
- MOUNTABLE CURB & GUTTER COA STD DWG 2415
- 6' WIDE VALLEY GUTTER PER COA DRAWING #2420
- 4' SIDEWALK
- CROWN TRANSITION COA DWG #2401
- WHEEL CHAIR RAMP COA DWG.#2441 CASE #2
- CURB TRANSITION FOR CUL-DE-SAC'S PER COA STD DWG# 2418

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NO.	DATE	REMARKS
		REVISIONS
		DESIGN
		DESIGNED BY JP DATE 12/2001
		DRAWN BY EKK DATE 12/2001
		CHECKED BY JP, CAR DATE 12/2001

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **EL DORADO NORTH SUBDIVISION**
BRANDON COURT + TIMOTHY COURT
PAVING PLAN AND PROFILE

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
AUG 20 2002 REVIEW COMMITTEE	SEP 26 2002		
		Last Design Update	

City Project No. 689881 | Zone Map No. L-9-Z | Sheet 8 Of 18

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 6 8 9 8 . 8 1 1 0 8 0 5

SURVEY INFORMATION
FIELD NOTES

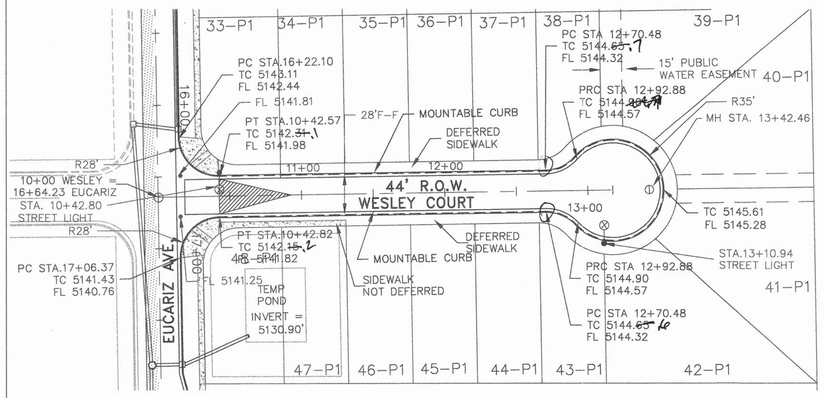
NO.	DATE	BY

AS BUILT INFORMATION

BENCH MARKS
AGS STA 7 – L9 STD COA BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.
GROUND TO GRID = 0.99967727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE
NAD 1927
NORTHING: 1478346.71
EASTING: 352978.14
ELEVATION: 5175.735 NGVD 1929

CONTRACTOR Dirt Contractors Inc DATE 8/6/02
SURVEYED BY Surveyors DATE 8/6/02
INSPECTORS BY Inspectors DATE 8/6/02
FIELD VERIFICATION BY Surveyor DATE 8/6/02
MARKINGS CORRECTED BY Frank Ellis DATE 8/6/02
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEERS SEAL
JOHN PAGE NEW MEXICO 14077 REGISTERED PROFESSIONAL ENGINEER
6 AUG '02



WESLEY AT TEMP. POND		
	TC	FL
1/4	5141.61	5140.94
1/2	5141.79	5141.12
3/4	5141.97	5141.47

LOT 33		
	TC	FL
1/4	5142.74	5142.13
1/2	5142.36	5141.87
3/4	5142.37	5141.92

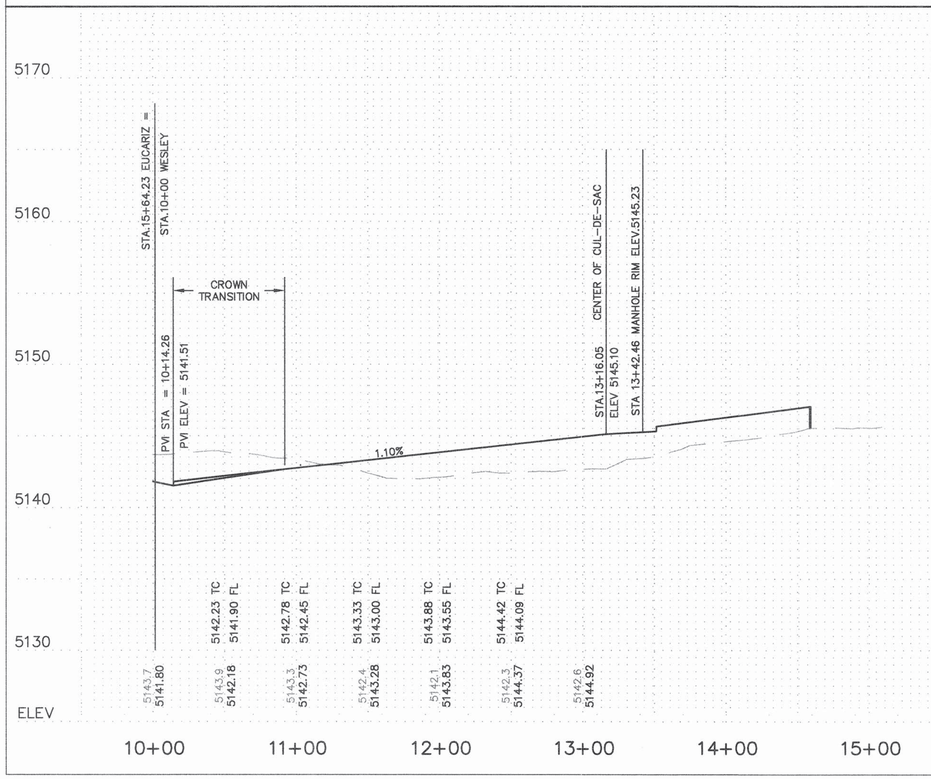
NOTE: READ CLOCK WISE

SCANNED BY MESA REPRO

WESLEY COURT

50 25 0 50 100

SCALE: 1"=50' HORIZ.
1"=5' VERT.



LEGEND

- STANDARD CURB & GUTTER COA STD DWG 2415
- MOUNTABLE CURB & GUTTER COA STD. DWG. 2415
- 6' WIDE VALLEY GUTTER PER COA DRAWING #2420
- 4' SIDEWALK PER COA STD 2430
- CROWN TRANSITION COA DWG #2401
- TEMPORARY PAVEMENT
- WHEEL CHAIR RAMP COA DWG.#2441 CASE #2
- CURB TRANSITION FOR CUL–DE–SAC'S PER COA STD DWG# 2418

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Franklin E Ellis

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: EL DORADO NORTH SUBDIVISION
WESLEY COURT PAVING PLAN AND PROFILE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
AUG 20 2002	SEP 26 2002			
REVIEWED COMMITTEE	CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
689881	L-9-Z	9	18

AS BUILT INFORMATION
CONTRACTOR Dino Morris INC DATE 5/7/02
WORK STAKED BY Surveyors Unlimited DATE 5/7/02
INSPECTOR'S FIELD ENTRANCE BY Jonathan Bowden DATE 7/02
VERIFICATION BY Scott Kelley DATE 7/02
CORRECTED BY Frank Wilson DATE 7/02
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA 7 – L9 STD COA BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.
GROUND TO GRID = 0.99967727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE
NAD 1927
NORTHING: 1478346.71
EASTING: 352978.14
ELEVATION: 5175.735 NGVD 1929

SURVEY INFORMATION
FIELD NOTES BY DATE NO.

ENGINEERS SEAL
JUNE PAGE 13079 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
8 AUG 02

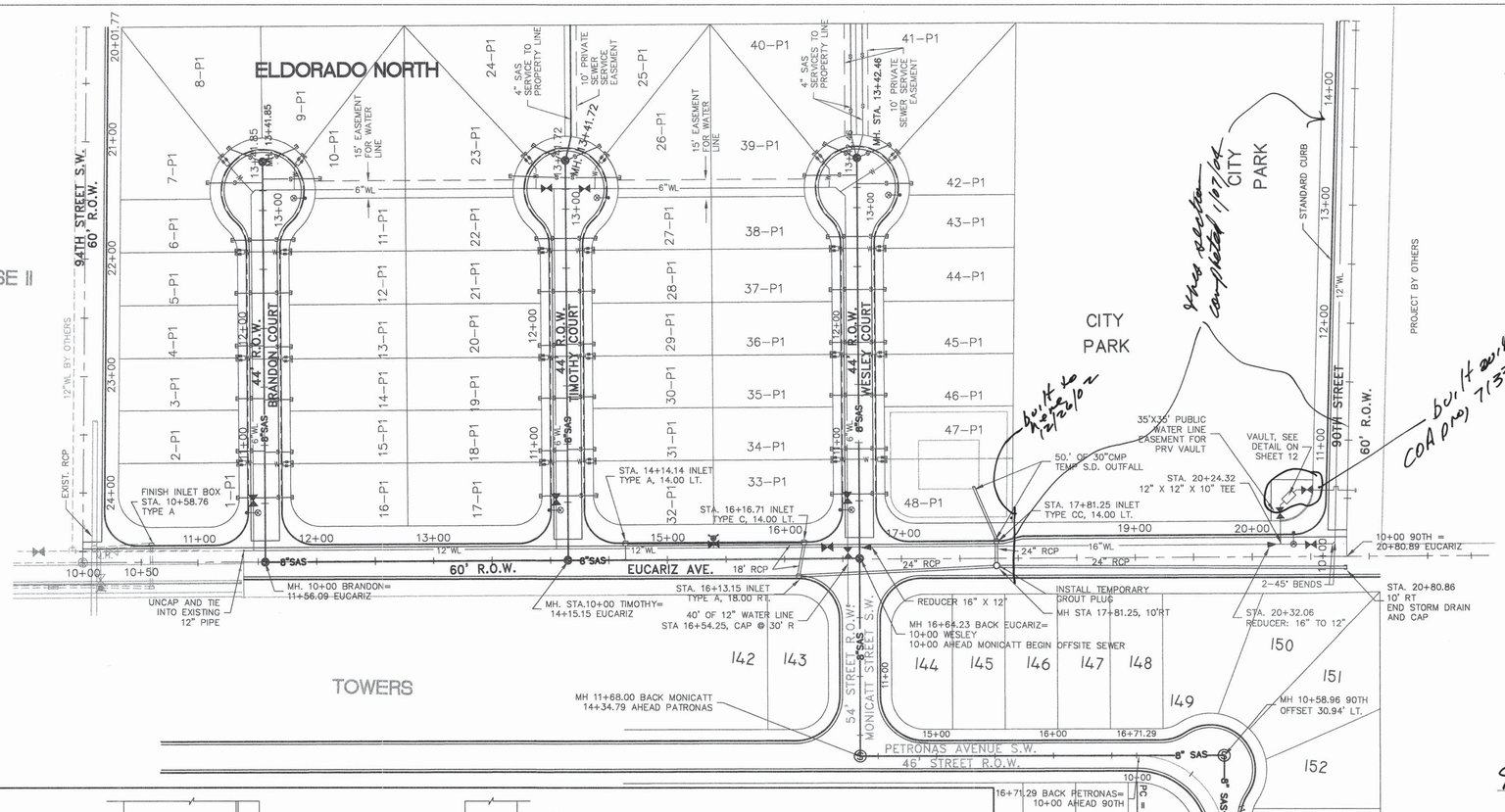
NO.	DATE	REMARKS
		REVISIONS
		DESIGN
		DESIGNED BY JP DATE 12/2001
		DRAWN BY EKK DATE 12/2001
		CHECKED BY JP, CAR DATE 12/2001

and 1/07/04

As built data added 12/2002 by EEW

26 6898.81 0904

DESERT PINE PHASE II



SCANNED BY MESA REPRO

GENERAL UTILITY NOTES

1. RESTRAIN ALL JOINTS BETWEEN SERVICE TEE AND FIRE HYDRANT.
2. INSTALL A VALVE ON F.H. SERVICE LINES.
3. USE FULL SECTION OF PIPE (20') WHERE POSSIBLE FOR PRACTICAL, ADJACENT TO ALL FITTINGS (I.E. VALVES, TEES, ELBOWS) TO MINIMIZE NEED FOR SUPPLEMENTAL JOINT RESTRAINT.
4. JOINT RESTRAINT TO CONSIST OF EBAA IRON, INC. "MEGALUG" AND SERIES 1500/6500 RETAINERS, OR APPROVED EQUIVALENT.
5. SEWERLINES TO BE BUILT AT STREET CL. WATERLINES TO BE BUILT 10' NORTH OR 10' WEST OF CL. STORM DRAINS TO BE BUILT 10' SOUTH OR 10' EAST OF CL. EXCEPT IN THE CURVES ON 90TH. THERE THE RADII FOR SEWER IS 250' AND THE WATERLINE IS OFFSET 10' TO THE EAST OF THE SEWER LINE.
6. ALL SANITARY SEWER MANHOLES SHALL BE 4' DIA. USE TYPE C PER STD DWG 2101. FOR MANHOLES LESS THAN 6' DEEP USE TYPE E PER STD DWG 2102. FOR MANHOLES GREATER THAN 6' DEEP.

WATER SHUT-OFF

1. CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF THE WATER SHUTOFF REQUIRED FOR THE NON-PRESSURIZED CONNECTION OF THE PROJECT TO THE EXISTING WATERLINES, AS SHOWN. CALL 857-8200 AT LEAST 7 WORKING DAYS IN ADVANCE OF REQUIRED SHUTOFF. ONLY CITY CREWS SHALL OPERATE VALVES.
2. THE VALVES THAT NEED TO BE CLOSED FOR CONSTRUCTION OF MONICATT STREET TO EUCARIZ AVENUE ARE LOCATED AT STA. 16+54.25 ON EUCARIZ. THE VALVE THAT NEEDS TO BE CLOSED FOR CONSTRUCTION OF THE WATERLINE IN EUCARIZ IS ON THE EAST SIDE OF THE INTERSECTION OF EUCARIZ AND 94TH.

MASTER UTILITY RESTRAINED JOINT LENGTH			
SIZE	RUN	RUN	BRANCH
T: 12" X 12" X 6"	20'	20'	1'
T:12 X 12" X 10"	20'	20'	1'
T: 6" X 6" X 6"	20'	20'	1'
L90: 6"			19'
L45: 6"			13'
L45: 12"			19'
REDUCER 16" X 12"			14'
12" X 12" CROSS	20	20	3'
12" DEAD END			78'
12" GATE VALVE	100'	100'	
6" GATE VALVE	50'	50'	

FIRE MARSHAL R.C. Sanchez 8-19-02 DATE REVIEWED

LEGEND

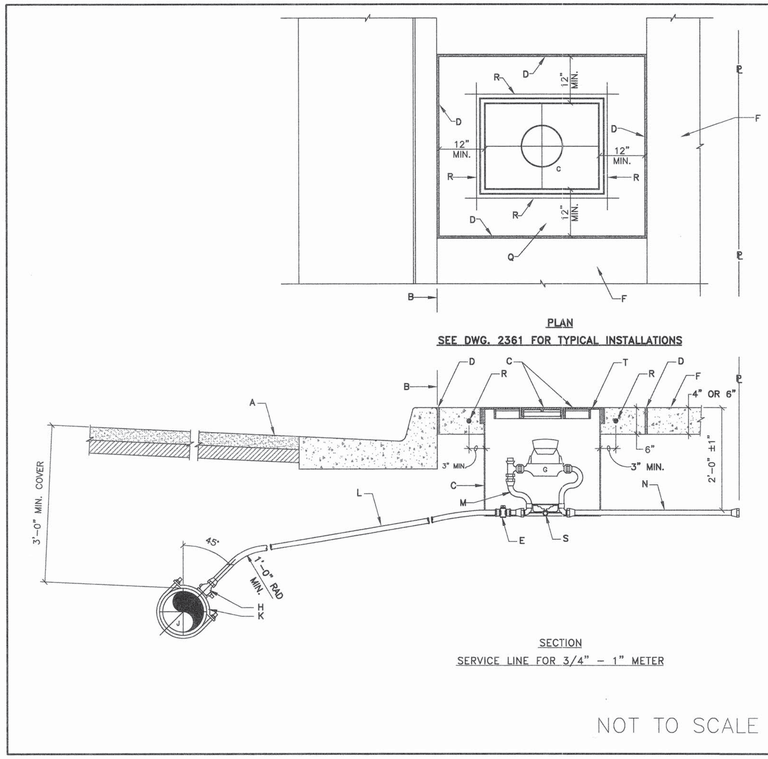
All 8" SAS, MHS and services built as shown SDR35PVC

All water line mains services and valves & hyd built to ER lot 49 - Class C-900 PVC 16" W.L. is ductile iron 4" Services SDR 26 PVC

- WATER LINE
- SEWER LINE
- FIRE HYDRANT PER COA STD. 2340
- MAN HOLE
- PROPOSED VALVE
- EXISTING VALVE
- CAP
- PROPOSED STREET LIGHTS COA STD. DWG. 2530

60 25 0 60 120

SCALE: 1"=60' HORIZ. 1"=6' VERT.



GENERAL NOTES:

1 THE METER SHALL BE SET UTILIZING A COPPER-SETTER. COPPER-SETTER HEIGHT 10" FOR 1" METER. 7" FOR 3/4" METER.

2 THE VALVE AND METER REGISTER BOX SHALL BE LOCATED UNDER THE LID OPENING. WHERE TWO METERS ARE TO BE INSTALLED IN A SINGLE METER BOX, THE METER REGISTERS SHALL BE WITHIN READING RANGE OF THE LID OPENING.

3 METER BOX LOCATION TO CONFORM TO DWG. 2361.

4 WHEN CONTRACTOR DOES NOT INSTALL METER, CONTRACTOR SHALL PROVIDE REMOVABLE PLUGS FOR END OF COPPER-SETTER.

5 EXISTING CONCRETE TO BE SAWCUT.

CONSTRUCTION NOTES:

A STREET SURFACE.
B BACK OF CURB.
C CAST IRON METER BOX, COVER AND LID. SEE DWG. 2368 OR 2369.
D 1/2" EXPANSION JOINT.
E CURB STOP, LOCATE INSIDE METER BOX.
F SIDEWALK OR DRIVEPAD.
G METER. TOP OF METER TO BE 12"-18" BELOW COVER.
H CORP STOP.
J MAIN WATER LINE.
K TAPPING SADDLE.
L COPPER SERVICE LINE.
M COPPER SETTER.
N TAILPIECE TO PROPERTY LINE WITH INSTA-TITE I.P.T. CAPPED FITTING.
Q CONCRETE PAD REQUIRED IN ALL AREAS.
R #4 REBAR CONTINUOUS ALL AROUND METER BOX.
S STABILIZER BAR. 12" LONG X 1/2" DIAMETER GALVANIZED STEEL PIPE.
T METER BOX LID SHALL BE FLUSH WITH SURROUNDING SIDEWALK.

NOT TO SCALE

REVISIONS	CITY OF ALBUQUERQUE
	WATER
	3/4" - 1" METERED SERVICE LINE INSTALLATION
	DWG. 2362 MAR 2001

AS BUILT INFORMATION
CONTRACTOR Nino Corbin INC. DATE 8-30-02
WORK STAKED BY Scattered DATE
ACCEPTANCE Rosenberg DATE
FIELD VERIFICATION BY Jaramillo DATE
DRAWINGS CORRECTED BY Grant Wilson DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA 7 - L9 STD COA BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.
GROUND TO GRID = 0.99967727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE
NAD 1927
NORTHING: 1478346.71
EASTING: 1529978.14
ELEVATION: 5175.735 NGVD 1929

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEERS SEAL
JAMIE PAGE MEDRANO NEW MEXICO (14878) REGISTERED PROFESSIONAL ENGINEER
19 AUG '02

NO.	BY	REMARKS / REVISIONS	DATE
	JP	DESIGN	DATE 12/2001
	MB	DESIGNED BY JP	DATE 12/2001
	JP, CAR	DRAWN BY MB	DATE 12/2001
		CHECKED BY JP, CAR	

Resource Technology, Inc.
Civil Engineering
Environmental Sciences
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5501 Jefferson Blvd. NE, Suite 200
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

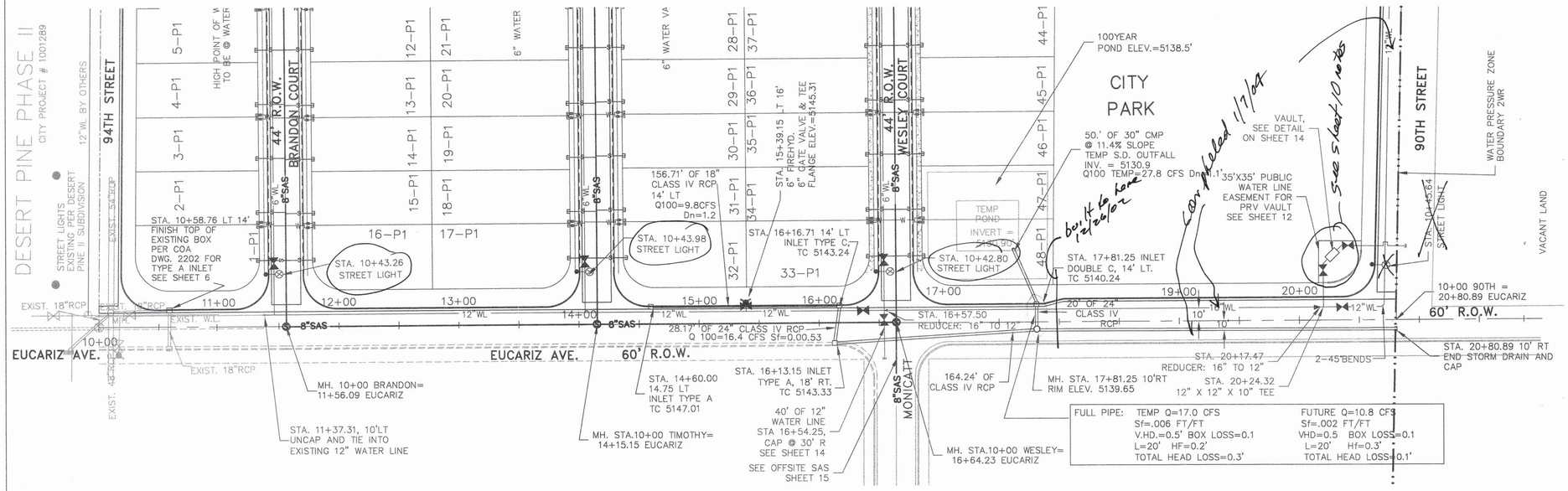
TITLE: ELDRADO NORTH SUBDIVISION
MASTER UTILITY

Design Review Committee: AUG 20 2002 REVIEW COMMITTEE
City Engineer Approval: SEP 26 CITY ENGINEER
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 689881 | Zone Map No. L-9-Z | Sheet 10 Of 18

As Built data added 12/6/02 By FEW 2nd 1/07/04

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6898.81 1 1 0 0 3



EUCARIZ AVENUE

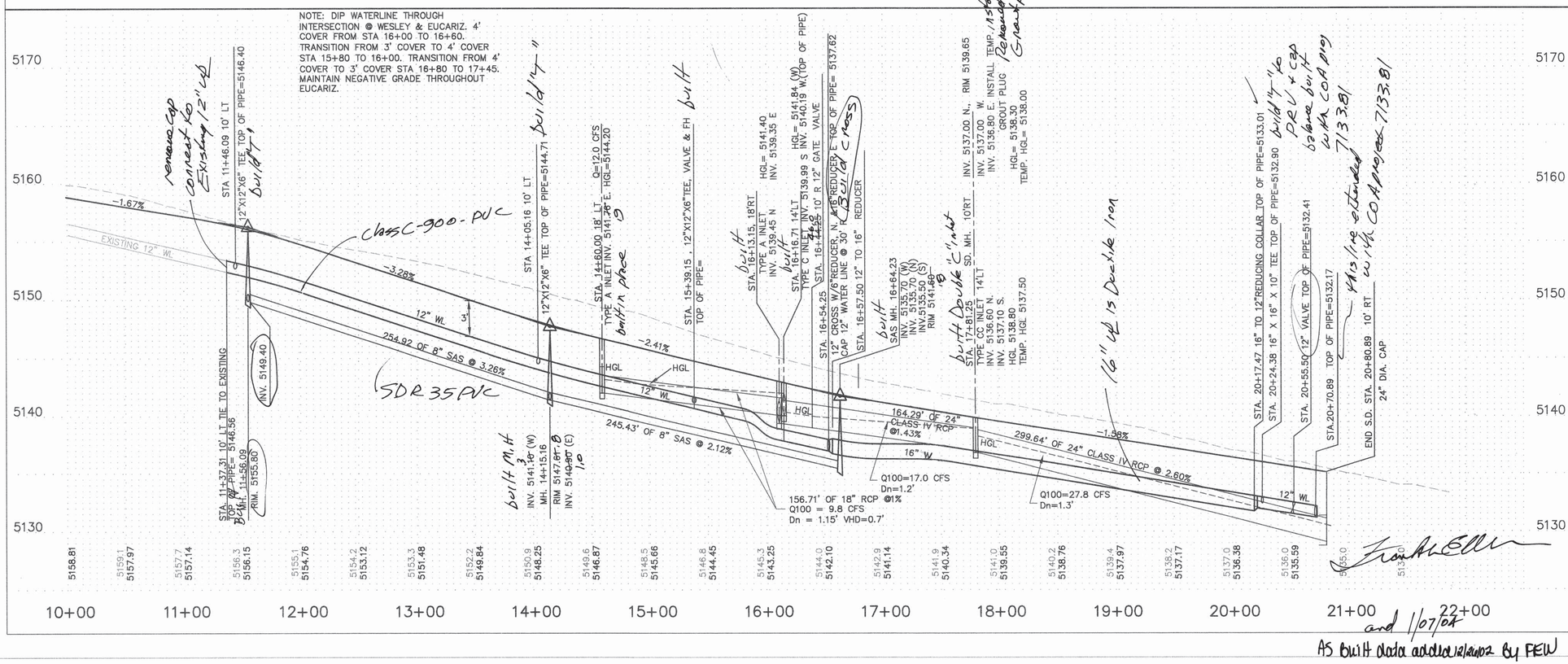
SCANNED BY MESA REPRO

NOTES

1. INLET INVERT ELEVATIONS ARE FOR THE CENTER OF THE BOX. BOXES MUSTHAVE A MINIMUM OF 0.2' DROP ACROSS THE FLOOR.

50 25 0 50 100

SCALE: 1"=50' HORIZ.
1"=5' VERT.



LEGEND

- MOUNTABLE CURB & GUTTER COA STD DWG 2415
- STANDARD CURB & GUTTER COA STD DWG 2415
- W — WATER LINE
- S — SEWER LINE
- FIRE HYDRANT PER COA STD. 2340
- PROPOSED STREET LIGHTS COA STD. DWG. 2530
- EXISTING STREET LIGHTS PER DESERT PINE II SUBDIVISION
- 4' SIDEWALK COA DWG 2430

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26. 6898.81 1 1 10

Resource Technology, Inc.
Civil Engineering
Environmental Sciences
Water Resources
Landscape Architecture
Planning
5501 Jefferson Blvd. NE, Suite 200
Albuquerque, New Mexico 87109
E-mail: rti@nmt.net
Telephone: (505) 243-7300
Facsimile: (505) 243-7400

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY JP	DATE 12/2001
		DRAWN BY MB	DATE 12/2001
		CHECKED BY JP, CAR	DATE 12/2001

ENGINEERS SEAL
JUNE PAGE NEW MEXICO 14879 REGISTERED PROFESSIONAL ENGINEER
19 Aug 02

AS BUILT INFORMATION
CONTRACTOR Vito Dorato Inc.
WORK STAKED BY Southwest DATE 12/02
INSPECTED BY Rodriguez DATE 1/04
ACCEPTANCE BY Sandoval DATE 1/04
FIELD VERIFICATION BY Frank Wilson DATE 1/04
DRAWINGS CORRECTED BY MICRO-FILM INFORMATION DATE
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA 7 – L9 STD COA BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.
GROUND TO GRID = 0.999677727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE
NAD 1927
NORTHING: 1478346.71
EASTING: 352978.14
ELEVATION: 5175.735 NGVD 1929

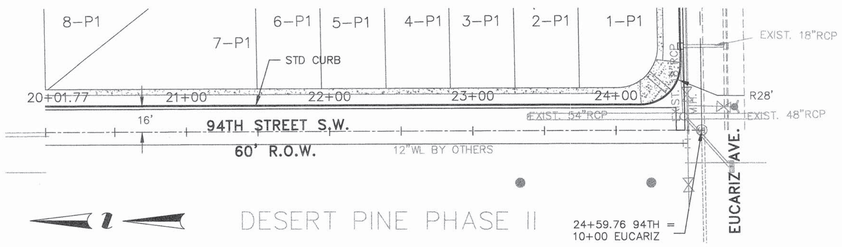
SURVEY INFORMATION
FIELD NOTES

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ELDRADO NORTH SUBDIVISION
EUCARIZ AVENUE
UTILITY PLAN AND PROFILE

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
AUG 20 2002	SEP 26 2002		
REVIEW COMMITTEE	CITY ENGINEER	Last Design Update	

City Project No.	Zone Map No.	Sheet	Of
689881	L-9-Z	11	18



DESERT PINE PHASE II

SCANNED BY MESA REPRO

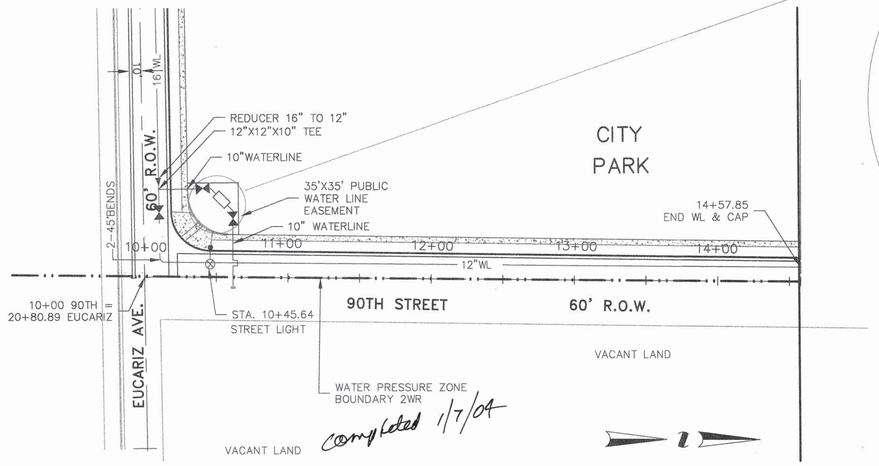
94TH

NOTE: NO WATER & SEWER TO BE CONSTRUCTED IN THIS STREET.

built + complete 12/26/02

50 25 0 50 100

SCALE: 1"=50' HORIZ.



completed 1/7/04

90TH

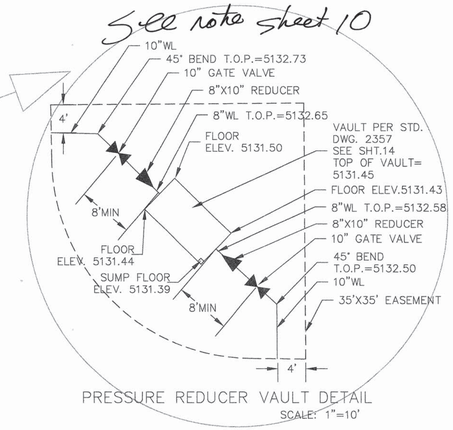
NOTE: THERE IS NO SEWER IN THIS STREET.

not built in initial phase

50 25 0 50 100

SCALE: 1"=50' HORIZ.

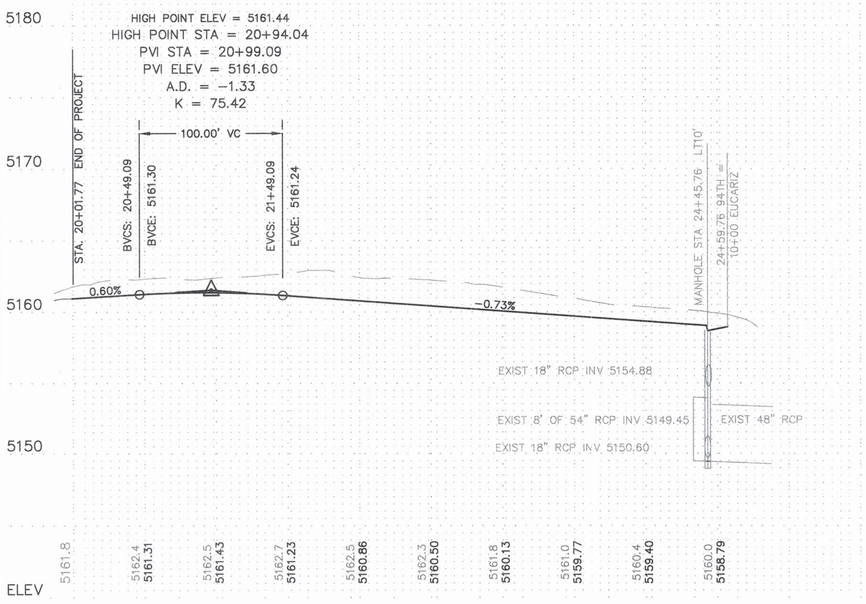
See note sheet 10

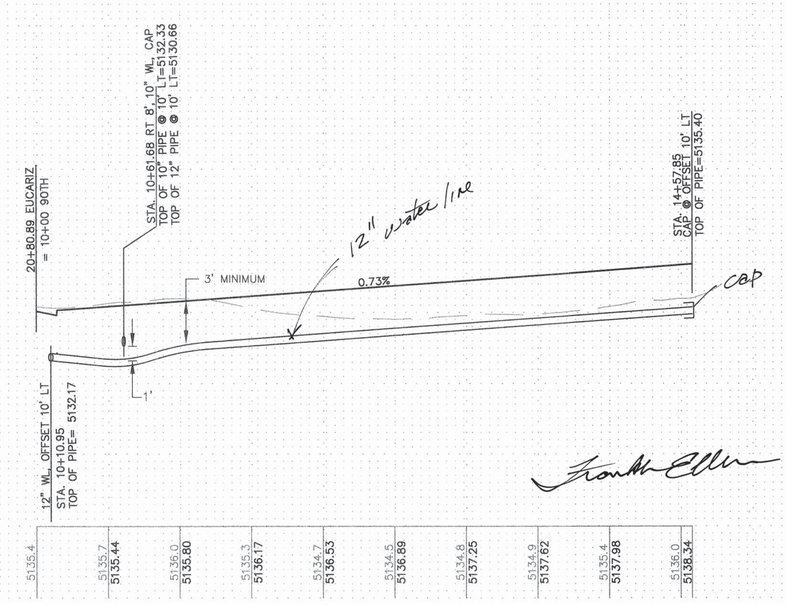


PRESSURE REDUCER VAULT DETAIL

SCALE: 1"=10'

10 5 0 10 20





Frank Ellison

LEGEND

- MOUNTABLE CURB & GUTTER COA STD DWG 2415
- STANDARD CURB & GUTTER COA STD DWG 2415
- WATER LINE
- SEWER LINE
- PROPOSED STREET LIGHTS COA STD. DWG. 2530
- EXISTING STREET LIGHTS PER DESERT PINE II SUBDIVISION
- 4' SIDEWALK COA DWG 2430

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 6 8 9 8 . 8 1 1 2 0

SCALE: 1"=50' HORIZ.
1"=5' VERT.

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Facsimile: (505) 243-7400

AS BUILT INFORMATION
CONTRACTOR: Sundt Construction Inc. DATE 12/26/02
WORK STAKED BY: Southwest Surveying DATE 10/02
ACCEPTANCE BY: Southwest Surveying DATE 10/02
FIELD VERIFICATION BY: Southwest Surveying DATE 10/02
DRAWINGS CORRECTED BY: Frank Wilson DATE 1/04
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
ACS STA 7 – L9 STD COA BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.
GROUND TO GRID = 0.99967727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE
NAD 1927
NORTHING: 1478346.71
EASTING: 352978.14
ELEVATION: 5175.735 NGVD 1929

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEERS SEAL
NEW MEXICO 14879 REGISTERED PROFESSIONAL ENGINEER
9 AUG '02

REVISIONS
NO. DATE BY
DESIGN DATE 12/2001 DESIGNED BY JP
DRAWN BY EKK DATE 12/2001
CHECKED BY JP, CAR DATE 12/2001
REMARKS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

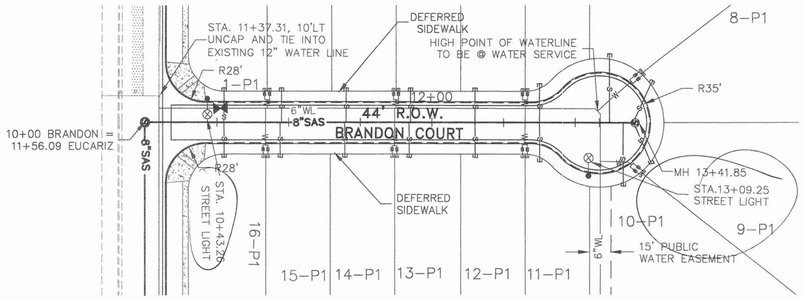
TITLE: ELDRADO NORTH SUBDIVISION
90th. AND 94th.
UTILITY PLAN AND PROFILE

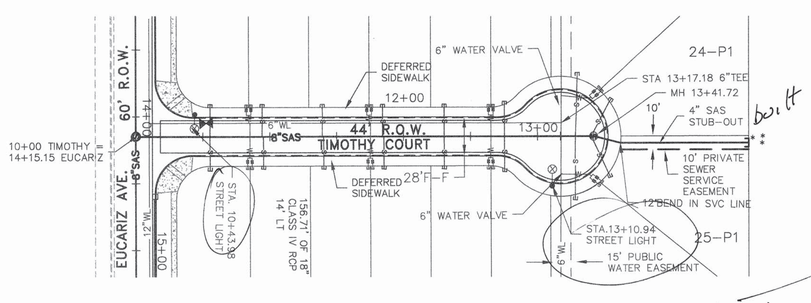
Design Review Committee: AUG 2 0 2002 REVIEWED
City Engineer Approval: SEP 2 6 2002 CITY ENGINEER
Last Design Update: Mo./Day/Yr.

City Project No. 689881 | Zone Map No. L-9-Z | Sheet 12 Of 18

As built data added 12/26/02 BY FEW







All water & sewer services in place

All water & sewer services in place

BRANDON COURT					
	WATER SERVICE		SEWER SERVICE		
LOT #	STA	OFST	STA	OFST	INVERT
1	10+83.18	−21.98	10+54.94	−21.95	5152.38
2	10+86.67	−21.98	10+95.08	−21.96	5152.72
3	11+73.27	−21.98	11+40.08	−21.97	5153.10
4	11+76.60	−21.98	11+85.08	−21.98	5153.48
5	12+63.27	−22.00	12+30.08	−22.00	5153.86
6	12+66.60	−22.06	12+75.02	−24.10	5154.26
7	13+16.89	−44.62	13+15.65	−39.67	5154.65
8*	13+16.89	−45.00	13+41.85	−29.30	5154.87
9*	13+16.89	45.00	13+41.85	28.46	5154.85
10	13+16.89	44.63	13+33.18	41.74	5154.63
11	12+66.58	22.04	12.75.14	24.13	5154.27
12	12+63.27	22.00	12+30.14	22.00	5153.87
13	11+75.56	22.02	11+84.12	22.02	5153.47
14	11+72.26	22.02	11+39.12	22.03	5153.08
15	10+85.56	22.04	10+94.12	22.04	5152.69
16	10+82.26	22.04	10+55.00	22.05	5152.36

TIMOTHY COURT					
	WATER SERVICE		SEWER SERVICE		
LOT #	STA	OFST	STA	OFST	INVERT
17	10+82.50	−22.00	10+55.41	−22.00	5144.11
18	10+85.95	−22.00	10+94.36	−22.00	5144.36
19	11+72.65	−22.00	11+39.36	−22.00	5144.65
20	11+75.98	−22.00	11+84.36	−22.00	5144.95
21	12+63.56	−22.00	12+30.37	−22.00	5145.25
22	12+66.89	−22.05	12+75.29	−24.08	5145.57
23	13+17.18	−45.00	13+28.32	−43.26	5145.98
24*	13+17.18	−44.72	13+41.72	−28.56	5146.17
25*	13+17.18	45.00	13+41.72	29.13	5146.17
26*	13+17.18	44.72	13+28.32	43.63	5145.99
27	12+66.86	22.05	12+75.44	24.14	5145.60
28	12+63.55	22.00	12+30.42	22.00	5145.25
29	11+76.86	22.00	11+85.42	22.00	5144.95
30	11+73.56	22.00	11+40.43	22.00	5144.65
31	10+86.87	22.00	10+95.43	22.00	5144.35
32	10+83.56	22.00	10+55.46	22.00	5144.09

*INSTALL SAS SVC INTO MH PER STD DWG 2118

‡INVERT @ MH IS 5143.94 INVERT @ N'LY PL IS 5146.10

SCANNED BY
MESA REPRO

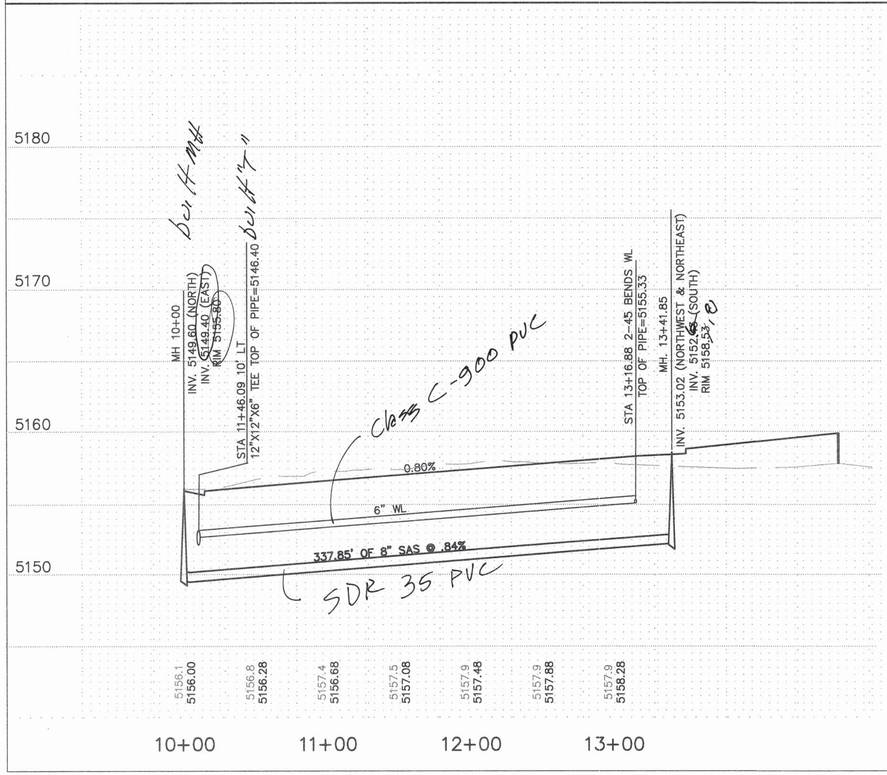
BRANDON COURT

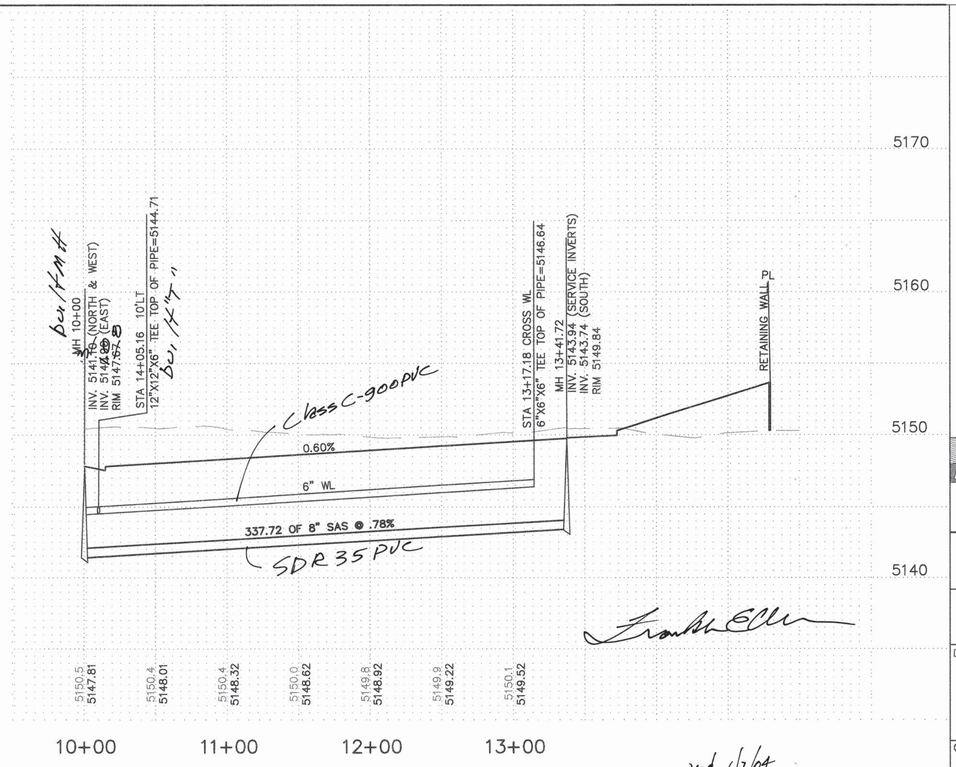
TIMOTHY COURT

Kirby C. Mowdy 8/20/02
BUILDING AND SAFETY DIVISION — DATE REVIEWED
PLUMBING AND MECHANICAL

NOTES

1. MANHOLE AND INLET INVERT ELEVATIONS ARE FOR THE CENTER OF THE BOX. BOXES MUST HAVE A MINIMUM OF 0.2' DROP ACROSS THE FLOOR.





and 1/2/04

As built data added 12/26/02 by PEW

LEGEND

- STANDARD CURB & GUTTER COA STD DWG 2415
- MOUNTABLE CURB & GUTTER COA STD. DWG. 2415
- UNIT BOUNDARY
- WATER LINE
- SEWER LINE
- PROPOSED STREET LIGHTS COA STD. DWG. 2530
- 4' SIDEWALK COA DWG 2430

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 6 8 9 8 . 8 1 1 3 0 9

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Facsimile: (505) 243-7400

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **ELDORADO NORTH SUBDIVISION**
BRANDON COURT AND TIMOTHY COURT
UTILITY PLAN AND PROFILE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
AUG 2 0 2002 DESIGN REVIEW COMMITTEE	FEB 21 '03 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
689881	L-9-Z	13	18

AS BUILT INFORMATION
CONTRACTOR: Allen Construction Inc. DATE: 12-26-02
WORK STAKED BY: Southwest Surveying DATE:
ACCEPTANCE BY: [illegible] DATE:
FIELD VERIFICATION BY: Southwest Surveying DATE:
DRAWINGS CORRECTED BY: Craig Wilson DATE:
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
BENCH MARKS
ACS STA. 7 – L9 STD COA BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.
GROUND TO GRID = 0.99967727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE
NAD 1927
NORTHING: 1478346.71
EASTING: 352978.14
ELEVATION: 5175.735 NGVD 1929

FIELD NOTES

NO.	BY	DATE	REMARKS
			DESIGN
			REVISIONS

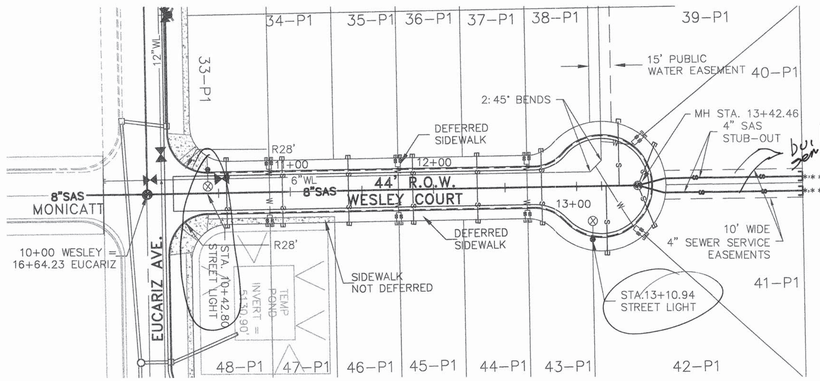
DESIGNED BY JP DATE 12/2001
DRAWN BY MB DATE 12/2001
CHECKED BY JP, CAR DATE 12/2001

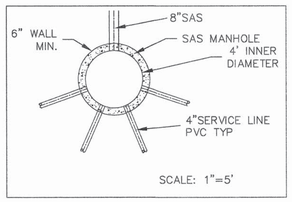
ENGINEERS SEAL
SUNE PAGE NEW MEXICO 14873 REGISTERED P.E.

SCANNED BY
MESA REPRO

WESLEY COURT

built 12/20/02





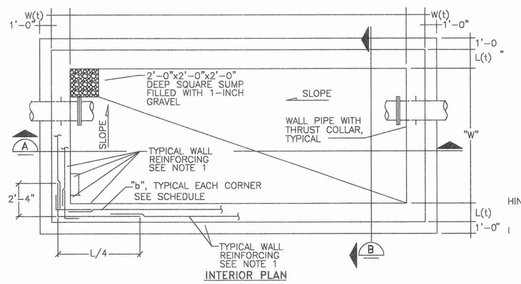
PRV VAULT DIMENSION AND REINFORCING SCHEDULE										
"L"=VAULT LENGTH "W"=VAULT WIDTH			STANDARD PRV VAULT DIMENSIONS					WALL REINFORCING		
PIPE SIZE	STANDARD PRV NO METER, NO BYPASS		WALL THICKNESS	TOP THICKNESS				WITHOUT BYPASS		
				TRAFFIC		NONTRAFFIC				
(IN)	"L"	"W"	L(t)	W(t)	T(t)		T(t)	"L" a	"W" a	b
8	10'–6"	5'–8"	1'–0"	1'–0"	1'–0"		0'–8"	#6 @ 12"	TYPICAL	TYPICAL

DIMENSIONAL NOTES:
"L"=VAULT LENGTH
"W"=VAULT WIDTH
L(t)=WALL THICKNESS(LENGTH)
W(t)=WALL THICKNESS(WIDTH)
T(t)=TOP SLAB THICKNESS

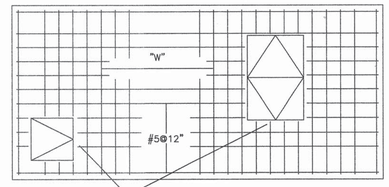
WALL REINFORCING NOTES:
1. "a" BAR DESIGNATION REPRESENTS WALL DOWELS PROTRUDING VERTICALLY FROM BASE SLAB ALONG LENGTHWISE DIMENSION "L" OR WIDTH DIMENSION "W".
2. "b" BAR DESIGNATION REPRESENTS ADDITIONAL HORIZONTAL WALL CORNER REINFORCING.

1/7/04
See note sheet 10

This vault not built in this phase

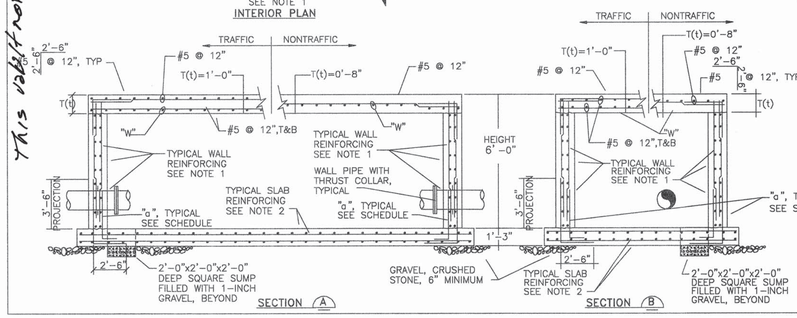


INTERIOR PLAN



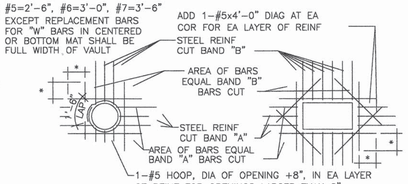
TOP PLAN

ON BILCO CO. HATCHES FOR VAULTS OR EQUIVILANT USE ACCESS COVERS SPECS FROM LOVE RESERVOIR C.O.A. PROJ.#551191, NOV.1998



VAULT TOP REINFORCING				
VAULT DIMENSION	REINFORCING			
	T(t)=0'–8"		T(t)=1'–0"	
	CENTERED MAT		BOTTOM MAT	
"W"	"W"		"W"	
≤6'–0"	#5 @ 12"		#5 @ 12"	
>6'–0" ≤7'–0"	#5 @ 12"		#6 @ 12"	
>7'–0" ≤9'–0"	#6 @ 12"		#7 @ 12"	
>9'–0" ≤10'–0"	#7 @ 12"		#7 @ 12"	

* #5=2'–6", #6=3'–0", #7=3'–6"
EXCEPT REPLACEMENT BARS FOR "W" BARS IN CENTERED OR BOTTOM MAT SHALL BE FULL WIDTH OF VAULT



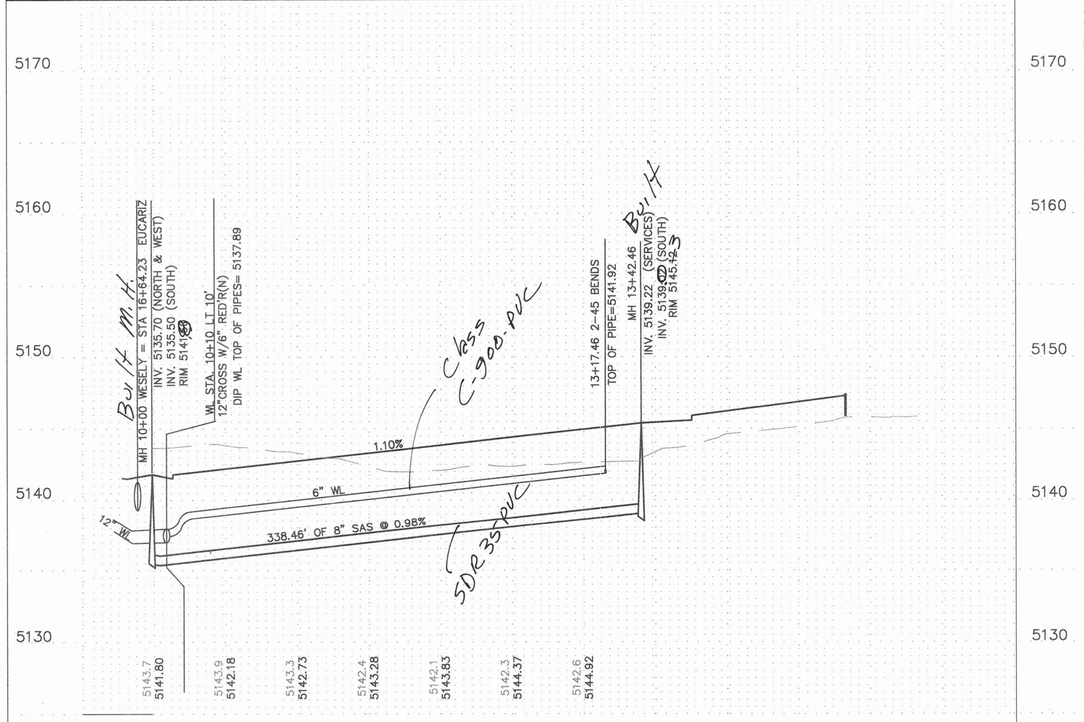
GENERAL NOTES:

1. TYPICAL WALL REINFORCING SHALL BE #5 @ 12" O.C., EACH WAY, EACH FACE UNLESS SHOWN OTHERWISE ON THE SCHEDULE. PROVIDE BARS AS INDICATED ON THE SCHEDULE AND LAP WITH #5 @ 12" FOR REMAINDER OF WALL HEIGHT OR LENGTH.
2. TYPICAL BASE SLAB REINFORCING SHALL BE #5 @ 12" EACH WAY, TOP AND BOTTOM OF SLAB.
3. CONCRETE SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 510 WITH F'c = 4000 PSI. ALL REINFORCING STEEL SHALL BE GRADE 60.
4. IF THE DEPTH OF VAULT EXCEEDS THE 11'–0" MAXIMUM DEPTH SHOWN, THE ENGINEER/CONTRACTOR SHALL DESIGN THE REINFORCEMENT, WALL AND FLOOR THICKNESSES TO SUIT THE SPECIFIC CONDITIONS. ALL STRUCTURAL MODIFICATIONS SHALL BE PERFORMED AND STAMPED BY A LICENSED NEW MEXICO PROFESSIONAL ENGINEER.

OPENING NOTES:

1. TYPICAL FOR ALL OPENINGS IN CONCRETE WALLS AND SLABS.
2. DO NOT WELD REINFORCEMENT TO PIPE SLEEVES AND INSERTS.

REVISIONS	CITY OF ALBUQUERQUE
	WATER
	STANDARD PRV STATION STRUCTURAL DETAILS
	DWG. 2357 JANUARY 2002



50 25 0 50 100

SCALE: 1"=50' HORIZ.
1"=5' VERT.

All water & sewer services in place

WESLEY COURT					
	WATER SERVICE		SEWER SERVICE		
LOT #	STA	OFST	STA	OFST	INVERT
33	10+83.70	–22.01	10+55.59	–22.01	5138.29
34	10+87.18	–22.01	10+94.64	–22.01	5138.79
35	11+73.85	–22.01	11+40.66	–22.01	5139.23
36	11+77.18	–22.01	11+85.66	–22.01	5139.72
37	12+63.85	–22.01	12+30.66	–22.01	5140.21
38	12+67.18	–22.01	12+75.58	–24.09	5140.72
39	13+17.46	–44.97	13+25.05	–44.39	5141.17
40*	13+17.46	–44.96	13+35.60	–32.03	5141.42
41*	13+13.62	55.46	12+96.75	66.89	5141.41
42	13+13.62	56.93	12+96.75	66.41	5141.14
43	12+67.15	22.04	12+75.73	24.14	5140.72
44	12+63.84	21.09	12+30.71	21.99	5140.21
45	11+77.22	21.99	11+85.71	21.99	5139.72
46	11+73.92	21.99	11+40.71	21.99	5139.23
47	10+87.18	22.01	10+94.64	22.01	5138.79
48	10+83.70	22.01	10+55.59	22.01	5138.29

* INSTALL SAS SVC INTO MH PER STD DWG 2118
** INVERT @ MH IS 5139.22, INVERT @ N,LY PL IS 5141.45

Rocky C. Moriarty
BUILDING AND SAFETY DIVISION
PLUMBING AND MECHANICAL

2nd 1/07/04

As built data added 12/20/02 By FEW

LEGEND

- STANDARD CURB & GUTTER COA STD DWG 2415
- MOUNTABLE CURB & GUTTER COA STD. DWG. 2415
- UNIT BOUNDARY
- E W WATER LINE
- E S SEWER LINE
- PROPOSED STREET LIGHTS COA STD. DWG. 2530
- 4' SIDEWALK COA DWG 2430

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 68 98.81 1 40

Resource Technology, Inc.
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Water Resources
Landscape Architecture
Planning
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E-mail: rti@nmnet
Telephone: (505) 243-7300
Facsimile: (505) 243-7400

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ELDERADO NORTH SUBDIVISION
WESLEY COURT
UTILITY PLAN AND PROFILE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
AUG 20 2002 DESIGN REVIEW COMMITTEE	SEP 26 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
689881	L-9-Z	14	18

AS BUILT INFORMATION
CONTRACTOR Wilson Concrete Inc.
WORK STAKED BY Surveyors Inc. DATE 08-02
AS-BUILTED BY Surveyors Inc. DATE 8/19/02
ACCEPTANCE BY [illegible] DATE [illegible]
FIELD VERIFICATION BY Surveyors Inc. DATE 8/19/02
DRAWINGS CORRECTED BY Fran Wilson DATE 1/7/04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
BENCH MARKS
ACS STA 7 – L9 STD COA BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.
GROUND TO GRID = 0.99967727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE
NAD 1927
NORTHING: 1478346.71
EASTING: 352978.14
ELEVATION: 5175.735 NGVD 1929

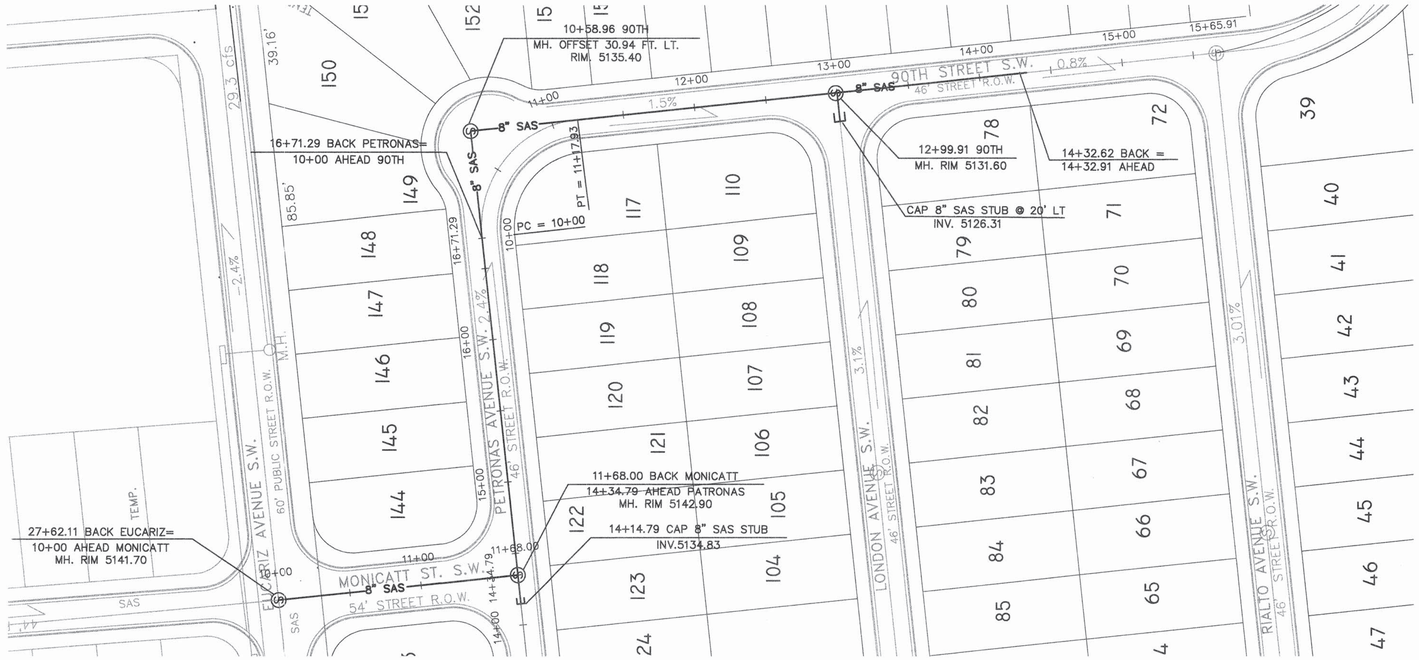
FIELD NOTES
NO. BY DATE

ENGINEERS SEAL
NEW MEXICO 14879 REGISTERED PROFESSIONAL ENGINEER
JUNE PAGE
19 Aug '02

REVISIONS
NO. BY DATE REMARKS
1 JP 12/2001 DESIGN
DESIGNED BY JP DATE 12/2001
2 MB 12/2001
DRAWN BY MB DATE 12/2001
CHECKED BY JP, CAR DATE 12/2001

As Built Data added 12/20/02 By FEW

SCANNED BY
MESA REPRO

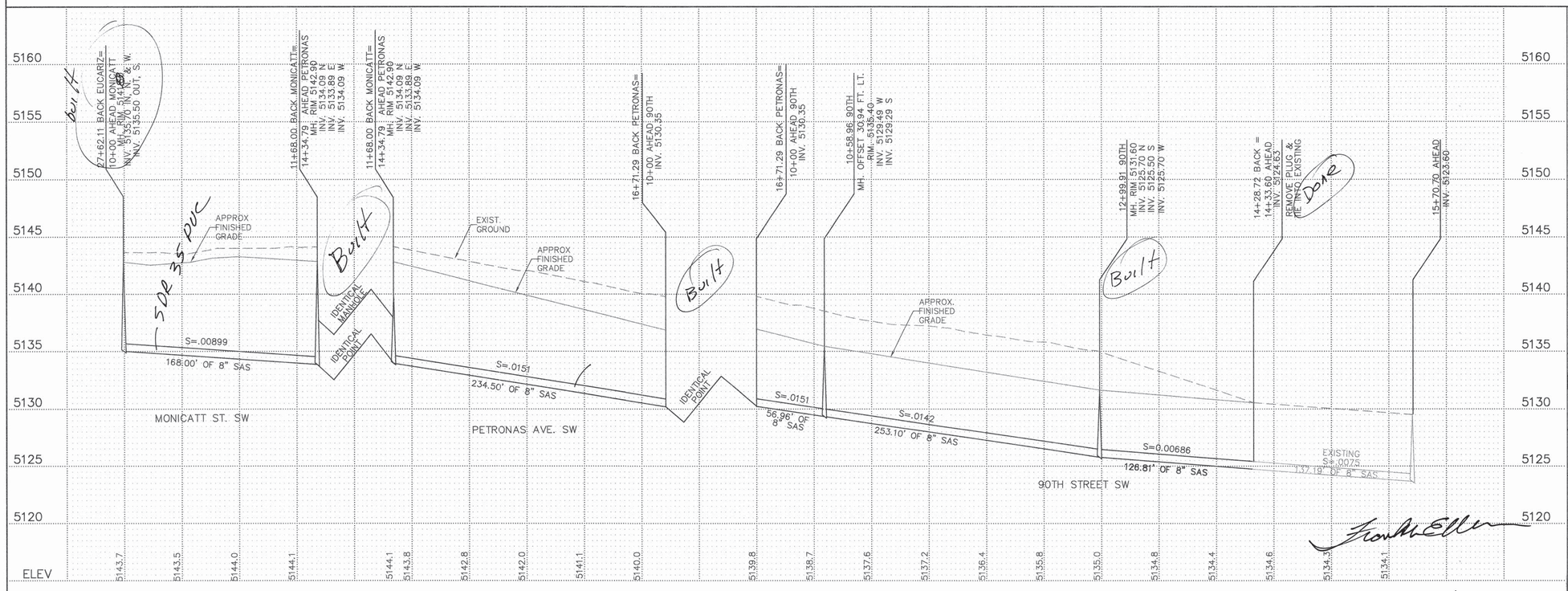


OFFSITE SEWER

built 12/26/02

50 25 0 50 100

SCALE: 1"=50' HORIZ.
1"=5' VERT.



built 1/07/04

As built data added 12/26/02 by FEW

AS BUILT INFORMATION

CONTRACTOR NM Concrete Inc.

WORK STAKED BY Surveyors West DATE 2-8-02

INSPECTOR'S ACCEPTANCE BY Frank Wilson DATE 12/26/02

FIELD VERIFICATION BY Surveyors DATE 12/26/02

DRAWINGS CORRECTED BY Frank Wilson DATE 12/26/02

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

ACS STA. 7—L9 STD. COA. BRASS CAP LOCATED IN SW CORNER OF 98TH ST AND TOWER RD.

GROUND TO GRID = 0.999677227

NM. STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE

NAD 1927

NORTHING: 1478346.71

EASTING: 352978.14

ELEVATION: 5175.735 NGVD 1929

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEERS SEAL

JANE PAGE MEAD NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
19 Aug 02

NO.	BY	REMARKS	DATE
		REVISIONS	
		DESIGN	DATE 05/02
	JP	DESIGNED BY	
	JJG	DRAWN BY	DATE 05/02
	JP	CHECKED BY	DATE 05/02

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 68981.81 11504

Resource Technology, Inc.
Civil Engineering
Environmental Sciences
Water Resources
Landscape Architecture
Planning
5501 Jefferson Blvd. NE, Suite 200
Albuquerque, New Mexico 87109
E-mail: rti@mmnet
Telephone: (505) 243-7300
Facsimile: (505) 243-7400

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: THE ELDORADO NORTH SUBDIVISION
OFFSITE SEWER PLAN AND PROFILE

Design Review Committee City Engineer Approval

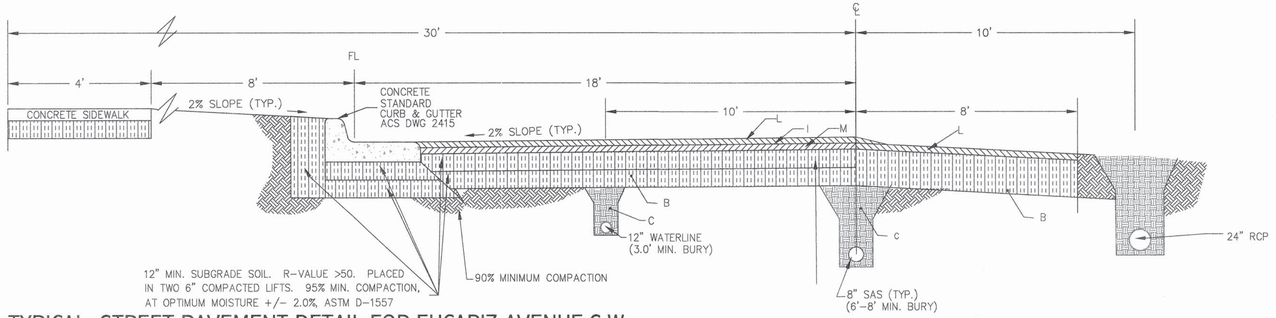
AUG 20 2002 — REVIEW COMMITTEE
SEP 26 — CITY ENGINEER

Last Design Update: Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
689881	L-9-Z	15	18

012805ASOFFSITE.dwg 5-20-02 3:41:40 pm EST

As built data added 12/26/02 by FEW



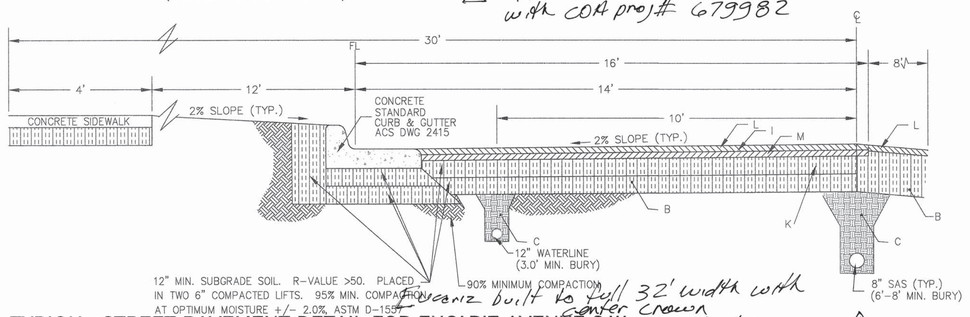
TYPICAL STREET PAVEMENT DETAIL FOR EUCARIZ AVENUE S.W.

(SECTION W-W)

(ASPHALTIC CONCRETE PAVEMENT)

NOT TO SCALE

⚠ This section will be built to full width with COA proj# 679982



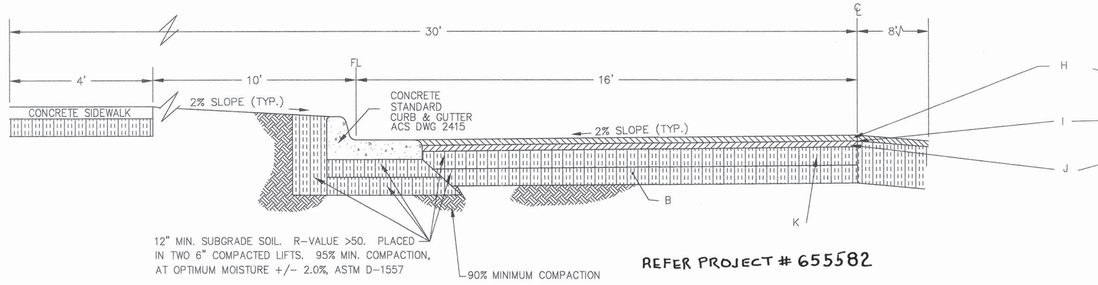
Eucariz built to full 32' width with 6" crown 6/23/03 Frank M. Ellen

TYPICAL STREET PAVEMENT DETAIL FOR EUCARIZ AVENUE S.W.

(SECTION X-X)

(ASPHALTIC CONCRETE PAVEMENT)

NOT TO SCALE ⚠



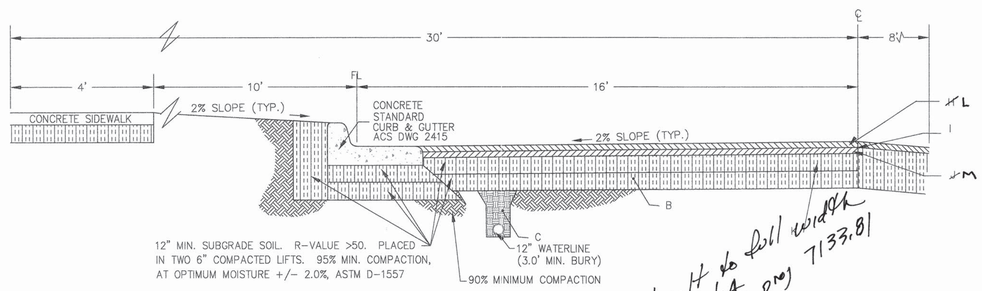
REFER PROJECT # 655582

TYPICAL STREET PAVEMENT DETAIL FOR 94TH STREET S.W.

(SECTION Y-Y)

(ASPHALTIC CONCRETE PAVEMENT)

NOT TO SCALE



Built to full width 11/07/04 with proj 713381

TYPICAL STREET PAVEMENT DETAIL FOR 90TH STREET S.W.

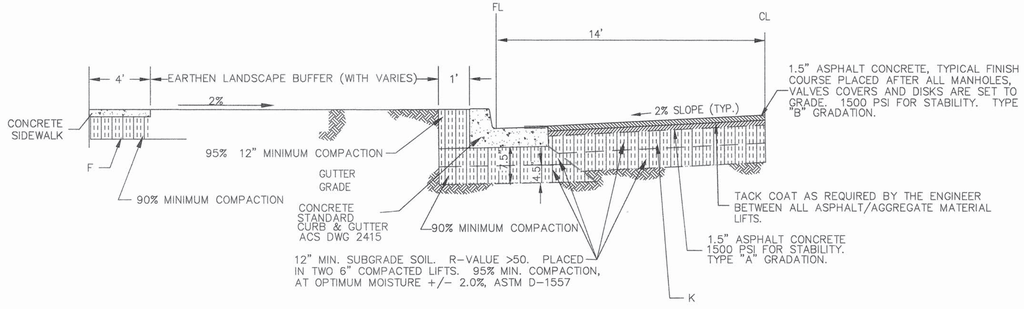
(SECTION Z-Z)

(ASPHALTIC CONCRETE PAVEMENT)

NOT TO SCALE

DETAIL NOTES FOR TYPICAL STREET SECTIONS
(COA STD DWG 2405 AND 2407)

A 3" AC PAVEMENT FOR PRIVATE STREEET
B 12" COMPACTED SUBGRADE MATERIAL (95% (R≥50) COMPACTION)
C COMPACTED SUBGRADE (90% COMPACTION)
D P.C.C. STANDARD CURB & GUTTER (SEE DETAIL BELOW)
E P.C.C. MOUNTABLE CURB & GUTTER (SEE DETAIL BELOW)
F 4" P.C.C. DEFERRED SIDEWALK PER COA STD DWG 2430
G 6" COMPACTED SUBGRADE MATERIAL (90% COMPACTION)
H 1.5" ASPHALT CONCRETE, TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE,VALVE COVERS AND DISKS ARE SET TO GRADE. 1500 PSI FOR STABILITY. TYPE"B" GRADATION.
I TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.
J 1.5" ASPHALT CONCRETE 1500 PSI FOR STABILITY. TYPE "A" GRADATION.
K FINISH SURFACE OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT COMPACTION MOISTURE RANGE OR A PRIME COAT TO BE APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE ROADWAY UTILITIES CONSTRUCTION IS COMPLETED.
L 2" ASPHALT CONCRETE, TYPICAL FINISH ALL MANHOLE, GRADE. 1500 PSI FOR STABILITY. TYPE
M 2" ASPHALT CONCRETE 1500 PSI FOR STABILITY. TYPE "A" GRADATION.

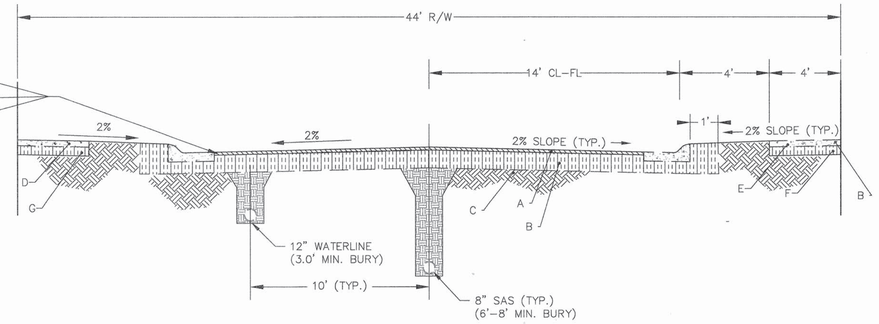


TYPICAL RESIDENTIAL STREET PAVEMENT DETAIL

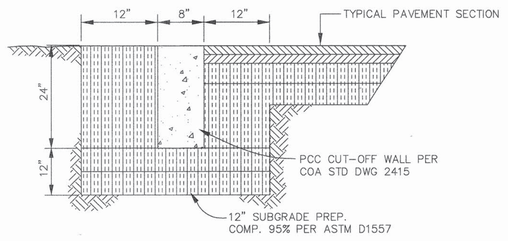
(ASPHALTIC CONCRETE PAVEMENT)

NOT TO SCALE

REFERENCE COA STANDARD DWG. 2405 – RESIDENTIAL STREET SECTION



TYPICAL RESIDENTIAL STREET



TYPICAL CUT-OFF WALL DETAIL

NOT TO SCALE

2nd 11/07/04 Frank M. Ellen

As built data added 12/20/02 by FEW

NOT TO SCALE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6898.81 1604

SCANNED BY MESA REPRO

AS BUILT INFORMATION
CONTRACTOR Dan Brooks Inc DATE 2-20-02
WORK STAKED BY Southwest Surveying DATE 12-20-02
ACCEPTANCE BY Sandra Doyle DATE 1-6-04
VERIFICATION BY Sandra Doyle DATE 1-6-04
DRAWINGS CORRECTED BY Grant Wilson DATE 1-6-04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS STA 7 - L9
GROUND TO GRID = 0.99967727
NM STATE PLANE COORDINATE SYSTEM CENTRAL ZONE
NAD 1927
NAD 1929
NORTHING: 1478346.71
EASTING: 352978.14
ELEVATION: 5175.735

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEERS SEAL
JOHN PAGE NEW MEXICO PROFESSIONAL ENGINEER REGISTERED

REMARKS / REVISIONS / DESIGN
NO. | BY | DATE
DESIGNED BY JP DATE 12/2001
DRAWN BY EKK DATE 12/2001
CHECKED BY JP DATE 12/2001

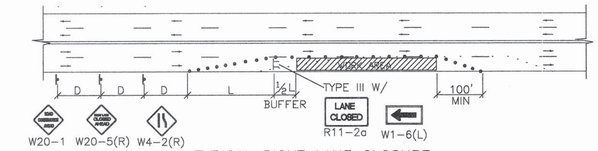
Resource Technology, Inc.
Civil Engineering, Environmental Sciences, Water Resources, Landscape Architecture, Planning
5501 Jefferson Blvd. NE, Suite 200 Albuquerque, New Mexico 87109
E-mail: rti@rtnnet
Telephone: (505) 243-7300
Facsimile: (505) 243-7400

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

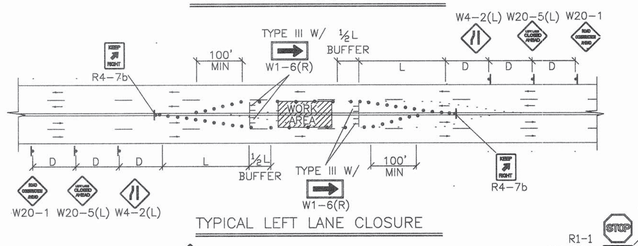
TITLE: ELDORADO NORTH SUBDIVISION
ROAD SECTIONS DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
AUG 20 2002 DESIGN REVIEW COMMITTEE	SEP 26 2002 CITY ENGINEER			

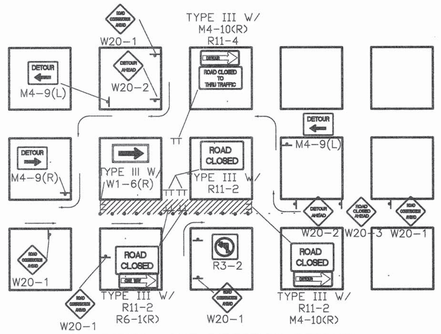
PROJECT NO. 689881 | MAP NO. L-9-Z | SHEET 16 OF 18



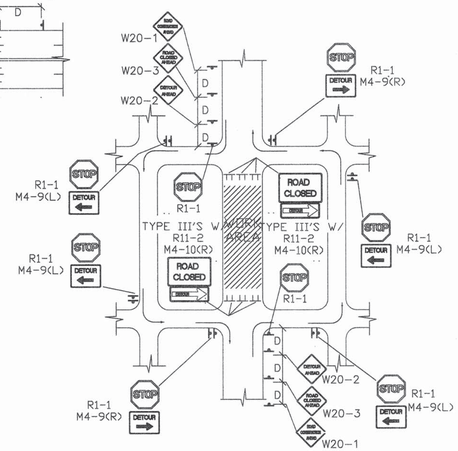
TYPICAL RIGHT LANE CLOSURE



TYPICAL LEFT LANE CLOSURE

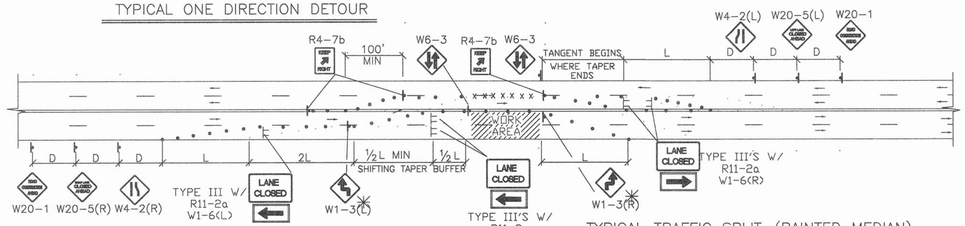


TYPICAL ONE DIRECTION DETOUR

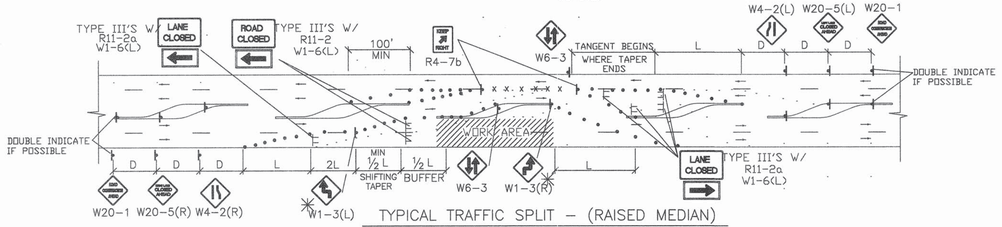


TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



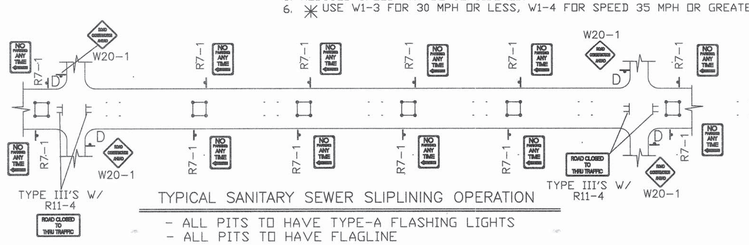
TYPICAL TRAFFIC SPLIT—(PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT – (RAISED MEDIAN)

TRAFFIC SPLIT NOTES:

1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS THE MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
5. REDUCED SPEED MAY BE CONSIDERED.
6. ✳ USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



TYPICAL SANITARY SEWER SLIPLINING OPERATION

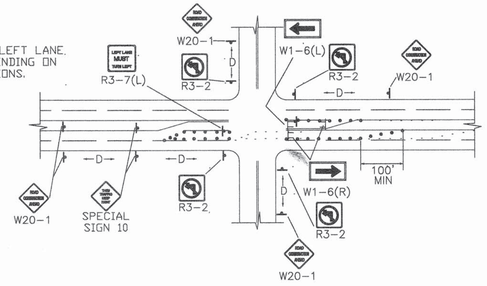
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

GENERAL NOTE:

ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

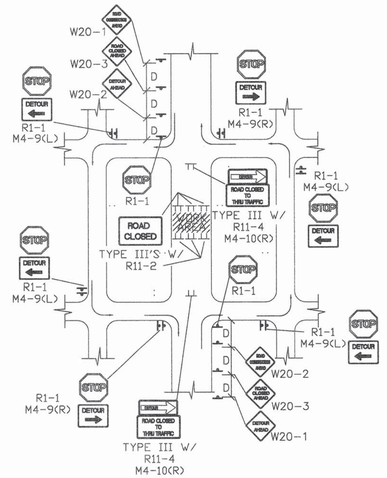
⚠ ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF 36" THIRTY SIX INCHES BY 36" THIRTY SIX INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

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



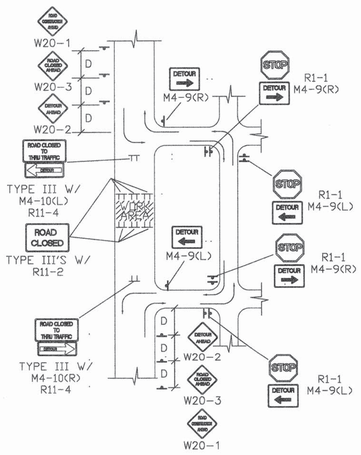
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.



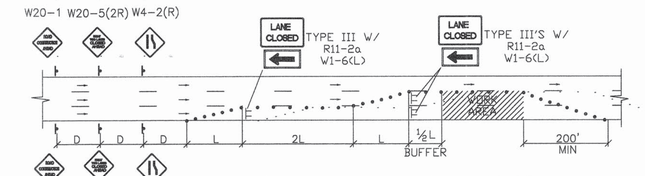
TYPICAL MID-BLOCK CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

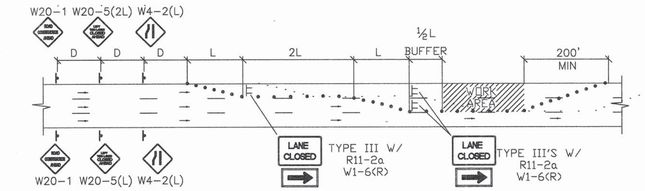


TYPICAL STREET CLOSURE

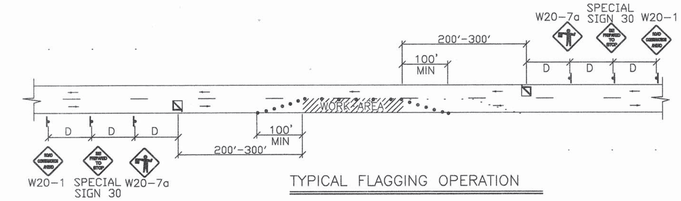
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



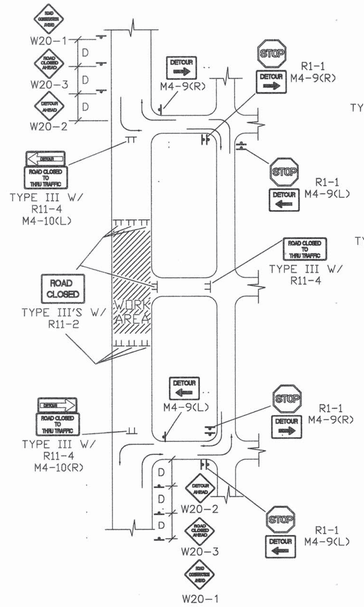
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE

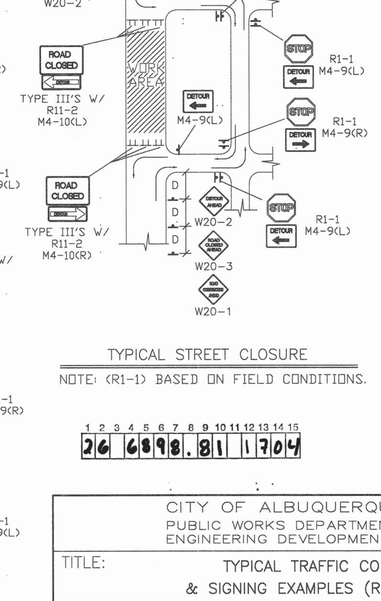


TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6898.81 1704

SCANNED BY MESA REPRO

AS-BUILT INFORMATION
CONTRACTOR New Concepts Inc DATE 2-5-98
WORK STARTED BY Sunny Schwartz DATE 8-8-97
WORK ACCEPTANCE BY Lorraine Moroday DATE 1-04
FIELD VERIFICATION BY Schwartz Sunny DATE 1-04
DRAWINGS CORRECTED BY Fred Wilson DATE 1-04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. DATE BY

ENGINEER'S SEAL

STD.

COA

NO.	DATE	REMARKS	BY
⚠	9/24/97	REVISED GENERAL NOTE	J.D.L.
		REVISIONS	
		DESIGN	
		DESIGNED BY BOHANNAN HUSTON	DATE 5-97
		DRAWN BY BOHANNAN HUSTON	DATE 5-97
		CHECKED BY BOHANNAN HUSTON	DATE 5-97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF MUTCD)

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
COA	STD.			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
689841	L-9-Z	17	18

2d 1/7/04

As built data added 12/20/02 By FEW

CITYTRAF.DWG 6-11-97

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPERATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

⚠ 11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

⚠ 19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

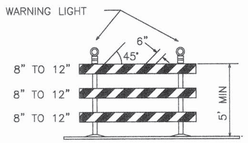
⚠ 26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

⚠ 27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPTMENT, BOTH PERMANENT AND TEMPORARY.

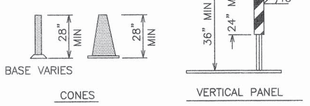
SCANNED BY MESA REPRO

SPECIAL PROJECT TRAFFIC CONTROL NOTE:

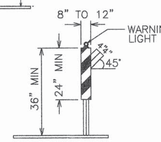
ALBUQUERQUE NEW MEXICO 1706



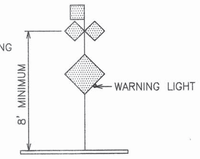
TYPE III BARRICADE



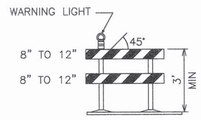
CONES



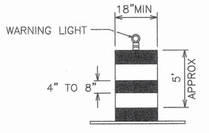
VERTICAL PANEL



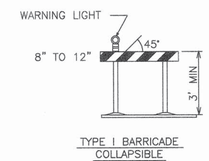
HIGH LEVEL WARNING DEVICE



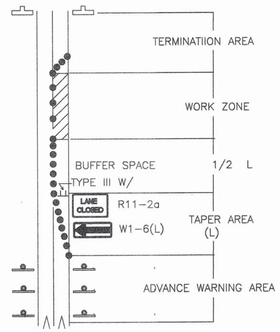
TYPE II BARRICADE COLLAPSIBLE



BARREL



TYPE I BARRICADE COLLAPSIBLE



TRAFFIC CONTROL ELEMENTS

LEGEND

- WORK AREA
- BARRICADE – TYPE I, TYPE II, OR BARREL
- BARRICADE – TYPE III
- VERTICAL PANEL
- WARNING SIGN
- D — DISTANCE BETWEEN SIGNS – A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- S — SPACING BETWEEN BARRICADES – A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
- L — TAPER LENGTH – SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET) 10' LANE	11' LANE	12' LANE	MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0–20	10 X SPEED LIMIT	10 X SPEED LIMIT
25–30	10 X SPEED LIMIT	10 X SPEED LIMIT
30–35	10 X SPEED LIMIT	10 X SPEED LIMIT
40–45	10 X SPEED LIMIT	10 X SPEED LIMIT
50–60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

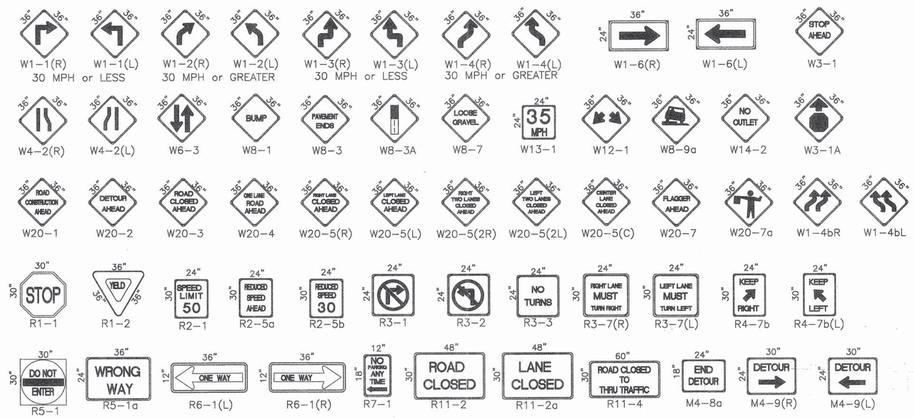
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



ALL CONSTRUCTIONN WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

AS-BUILT INFORMATION
CONTRACTOR Nino Dominick Inc. DATE 8-8-03
WORK BY Survey Solutions DATE 8-8-03
INSPECTION BY Survey Solutions DATE 1-04
ACCEPTANCE BY Survey Solutions DATE 1-04
FIELD VERIFICATION BY Bohannan Survey DATE 1-04
DRAWINGS CORRECTED BY Brad Wilson DATE 1-04

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

COA STD.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	J.D.L.
1	9/25/97	ADD NOTE NO. 27	J.D.L.
2	9/24/97	REVISED NOTE NO. 26	J.D.L.
3	9/24/97	REVISED NOTE NO. 19	J.D.L.
4	9/24/97	REVISED NOTE NO. 11	J.D.L.

DESIGNED BY BOHANNAN HUSTON DATE 5-97
DRAWN BY BOHANNAN HUSTON DATE 5-97
CHECKED BY BOHANNAN HUSTON DATE 5-97

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2G 6898.81 1804

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TRAFFIC CONTROL
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
COA	STD.			

CITY PROJECT NO. 689841 | ZONE MAP NO. L-9-Z | SHEET 18 OF 18

2nd 1/7/04

As Built data added 12/2002 By FEW

CITYSIGN.DWG 6-11-97