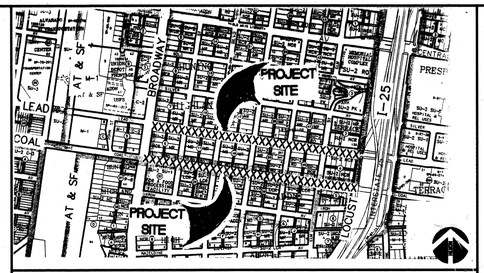
LEAD / COAL IMPROVEMENTS PROJECT - PHASE I

BROADWAY AVENUE TO INTERSTATE 25

ALBUQUERQUE, NEW MEXICO



VICINITY MAP K-14-Z/K-15-Z
SCALE: NONE

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ELEVATIONS ARE IN NGVD 29

FOR INFORMATION ONLY

DRB Case No.

GENERAL NOTES

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY R.O.W.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #6.
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. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. CONTRACTOR SHALL WORK 24 HOURS PER DAY CONTINUOUSLY ON ALL ARTERIAL ROADWAY CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. 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 FINISH 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.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQ. FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITTI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEM DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
12. CONTRACTOR SHALL ADJUST ALL PULL BOXES, MANHOLES WATER VALVES, ECT TO NEW FINISHED GRADES.
13. "NO WORK SHALL BE ALLOWED WITHIN A BLOCK OF LOCUST ON LEAD AND COAL UNTIL THE TRAFFIC CONTROL PLAN HAS BEEN PROVIDED AND APPROVED BY THE DISTRICT 3 TRAFFIC ENGINEER, NMSH&TD. THIS TRAFFIC CONTROL PLAN SHALL BE PROVIDED A MINIMUM OF 5 WORKING DAYS PRIOR TO CONSTRUCTION".

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEER'S STAMP & SIGNATURE

DAVID H. GRIEVES STATE OF NEW MEXICO NO. 6127 REGISTERED PROFESSIONAL ENGINEER
June 3, 2002

APPROVALS	ENGINEER	DATE
DRC Chairman		7-18-02
Transportation		7/9/02
Water/Wastewater		7-8-02
Hydrology		7-12-02
Parks		
Constr. Mngmt.		
Constr. Coord.		7-10-02

★★★★★★★★★★★★★★
APPROVED FOR CONSTRUCTION

City Engineer Date 7/18/02

City Project No. 5851.91

Sheet 1 Of 57

SCANNED BY MESA REPRO

JOB NO.: C03-111-5198
FILE: Z:\C03\111\LEAD\DWG\C03111COLDWG
ENGINEER: RC
REV: 06/11/01 PG--02-04-02 N

CONSTRUCTION NOTES

GENERAL

CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS, INCLUDING A TOP SOIL DISTURBANCE PERMIT, PRIOR TO START OF CONSTRUCTION.

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.

ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.

THE CONTRACTOR SHALL NOT INSTALL ITEMS AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS THAT FIELD CONDITIONS ARE DIFFERENT THAN SHOWN IN THE DESIGN. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY AND EXPENSE FOR ANY REVISIONS NECESSARY.

EXISTING SITE IMPROVEMENTS WHICH ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. REPAIRS SHALL BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION OF THE REPAIRS. REPAIRS SHALL BE ACCEPTED BY THE OWNER PRIOR TO FINAL PAYMENT.

EXISTING FENCING THAT IS NOT DESIGNATED FOR REMOVAL SHALL NOT BE DISTURBED. ANY FENCING THAT IS DISTURBED OR ALTERED BY THE CONTRACTOR SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IF THE CONTRACTOR WOULD LIKE TO REMOVE FENCING TO FACILITATE CONSTRUCTION OPERATIONS, THIS MAY BE DONE WITH THE OWNER'S PERMISSION, AND THE CONTRACTOR SHALL RESTORE THE FENCE TO ITS ORIGINAL CONDITION PRIOR TO THE CLOSE OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR SECURITY OF THE SITE UNTIL THE FENCE IS REPLACED.

THE CONTRACTOR MAY SELECT AN ON-SITE STAGING AREA FOR STORAGE OF EQUIPMENT AND MATERIAL WITH PRIOR APPROVAL OF THE OWNER. NO MATERIAL OR EQUIPMENT MAY BE STORED OR LEFT ON SITE AT ANY OTHER LOCATION. THE OWNER ASSUMES NO LIABILITY FOR CONTRACTOR'S EQUIPMENT OR MATERIAL IN THE STAGING AREA. SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

ALL PAVEMENTS, STRUCTURES, UTILITIES, VEGETATION AND DELETERIOUS MATERIAL SCHEDULED FOR REMOVAL SHALL BE DISPOSED OF OFFSITE BY, AND AT THE CONTRACTOR'S OWN EXPENSE IN ACCORDANCE WITH ALL GOVERNING AGENCIES.

DIMENSIONS

ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.

ALL STATIONING IS TO CENTERLINE OF RIGHT-OF-WAY UNLESS OTHERWISE NOTED.

ALL SLOPES AND GRADES ARE IN FEET/FOOT UNLESS OTHERWISE NOTED.

ELEVATIONS SHOWN FOR CURB AND GUTTER ARE FLOWLINE ELEVATIONS UNLESS OTHERWISE NOTED. SEE DETAIL SHEET FOR CURB HEIGHT ABOVE FLOWLINE.

SOILS

UNLESS OTHERWISE SPECIFIED SUBGRADE SOILS AND STRUCTURAL FILL MATERIALS SHALL BE COMPACTED TO THE FOLLOWING PERCENTAGES OF THE ASTM D 1557 MAXIMUM DENSITY.

MATERIAL	PERCENT COMPACTION
STRUCTURAL FILL IN THE BUILDING AREA	95
SUBASE FOR SLAB SUPPORT	95
MISCELLANEOUS BACKFILL BELOW STRUCTURAL FILL OR ROAD PAVEMENT	95
MISCELLANEOUS BACKFILL BELOW UNPAVED, NON-BUILDING AREAS	90
ROAD PAVEMENT SUBGRADE	95
SIDEWALK SUBGRADE	90
CURB AND GUTTER SUBGRADE	95

FILL REQUIREMENTS

GRADATION (ASTM D422)

SIEVE SIZE	PERCENT PASSING BY WEIGHT
6"	100
3"	90-100
NO. 4	50-100
NO. 200	10-45

PLASTICITY INDEX (ASTM D4318) SHALL NOT EXCEED 15.

NO BRUSH, SOD, FROZEN MATERIAL OR OTHER UNSUITABLE MATERIAL SHALL BE PLACED IN THE FILL. MATERIAL SHALL BE PLACED IN SUCH A MANNER AS TO RESULT IN A UNIFORMLY COMPACTED FILL.

PAVING

WHEN ABUTTING NEW PAVEMENT TO EXISTING, CUT BACK EXISTING PAVEMENT TO A NEAT STRAIGHT LINE, AS REQUIRED, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW PAVING TO EXISTING.

ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED AND APPROVED PRIOR TO PAVING.

ALL WATER VALVE BOXES, TELEPHONE, TV & SEWER MANHOLES IN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO FINISHED GRADE.

PNM SHALL BE RESPONSIBLE FOR ADJUSTING ELECTRICAL MANHOLES TO FINISHED GRADE. CONTRACTOR SHALL CONTACT PNM FOR AJUSTMENT AND COORDINATION OF THEIR MANHOLES.

CLEARING AND GRUBBING

REMOVE ALL BRUSH, RUBBISH, GRASS, AND GRASS ROOTS FROM THE CONSTRUCTION AREA.

REMOVE STUMPS, MATTED ROOTS AND ROOTS OF LARGER THAN 2 INCHES IN DIAMETER WITHIN 6 INCHES OF THE SURFACE AREAS ON WHICH FILL AND/OR FOOTINGS ARE TO BE CONSTRUCTED.

REMOVE ALL TOPSOIL FROM THE CONSTRUCTION AREA. THIS MATERIAL SHALL NOT BE USED AS FILL MATERIAL, BUT MAY BE STOCKPILED AND LATER USED IN THE TOP 6 INCHES OF FILL OUTSIDE THE BUILDING PAD.

UTILITIES

IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED TO THE ENGINEER BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITY LINE, PIPELINE OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ACCORDANCE WITH CHAPTER 62, ARTICLE 14-1 THROUGH 14-8, NMSA 1978.

ANY EXISTING UTILITIES DEPICTED ON THESE PLANS WERE DERIVED FROM INFORMATION PROVIDED TO THE ENGINEER BY OTHERS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF PERTINENT UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ANY POTENTIAL DISRUPTIONS IN UTILITY SERVICE WITH THE UTILITY COMPANIES AFFECTED AT LEAST 24 HOURS PRIOR TO THE DISRUPTION.

CONTRACTOR SHALL EXPOSE AND VERIFY INVERT ELEVATIONS OF RELEVANT SANITARY AND STORM SEWER LINES BEFORE SETTING ANY NEW INVERTS. SHOULD INVERTS DIFFER MORE THAN 0.20' FROM THOSE SHOWN ON THE PLANS, THE ENGINEER SHALL BE NOTIFIED TO DETERMINE ANY RESULTING CHANGES IN DESIGN.

MINIMUM DEPTH OF COVER: WATER = 48" SEWER = 24" GAS = 24".

CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING FILL EXCAVATIONS IN A SAFE MANNER, AND IN ACCORDANCE WITH APPLICABLE REGULATIONS. TRENCH SECTIONS AND SHORING SHALL BE PERFORMED BY THE CONTRACTOR IN A SAFE MANNER. JOB SITE SAFETY SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

THE CONTRACTOR SHALL BE RESPONSIBLE TO ATTEND ALL UTILITY MEETINGS.

THE CONTRACTOR WILL BE RESPONSIBLE FOR SURVEYING, POT-HOLING, AND TRENCHING TO LOCATE ALL AFFECTED UTILITIES.

THE CONTRACTOR SHALL IDENTIFY CONFLICTS AND COORDINATE WITH CITY PROJECT MANAGER AND ENGINEER.

THE CONTRACTOR WILL COORDINATE WITH UTILITY OWNERS TO RESOLVE CONFLICTS AT NO ADDITIONAL COST TO THE CITY.

ANY COST INCURRED BY THE CONTRACTOR TO THE ROADWAY OR THE UTILITIES WOULD BE INCIDENTAL.

CONTRACTOR WILL SUBMIT TO THE CITY PROJECT MANAGER ESTIMATES WHICH HAVE RISEN DUE TO CONFLICTS IN UTILITIES/ROADWAY.

SITE SURFACE PREPARATION BENEATH BUILDING & PAVEMENT AREAS

SCARIFY ALL EXPOSED SUBGRADE SOILS TO A DEPTH OF 12 INCHES, MOISTEN TO OPTIMUM MOISTURE CONTENT (+/- 2%) AND COMPACT TO THE DENSITY SPECIFIED HEREINAFTER.

PLACE ALL FILL IN APPROXIMATELY HORIZONTAL LAYERS NOT GREATER THAN 8 INCHES IN THICKNESS, MOISTEN TO OPTIMUM MOISTURE CONTENT (+/- 2%) AND COMPACT TO DENSITY SPECIFIED HEREINAFTER.

ACCESSIBLE FACILITIES

ALL SURFACES ALONG ACCESSIBLE ROUTES AND FOR HANDICAP RAMPS SHALL BE STABLE, FIRM, SLIDE-RESISTANT, AND SHALL COMPLY WITH UNIFORM FEDERAL ACCESSIBILITY STANDARDS, PARAGRAPH 4.5.

LONGITUDINAL SLOPES ALONG ACCESSIBLE ROUTE SIDEWALKS, EXCEPT AT HANDICAP RAMPS, SHALL NOT BE STEEPER THAN 1:20. CROSS SLOPES ALONG ACCESSIBLE ROUTE SIDEWALKS EXCEPT AT HANDICAP RAMPS, SHALL NOT BE STEEPER THAN 1:48. SLOPES IN ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND PASSENGER LOADING ZONES SHALL NOT BE STEEPER THAN 1:48 IN ALL DIRECTIONS.

THE SITE SHALL COMPLY WITH ANSI A117.1-1992, "ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES".

SURVEY MONUMENTATION

THE CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY SURVEY MONUMENT THAT IS DISTURBED. REPLACEMENT SHALL BE DONE ONLY BY A REGISTERED SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, OBTAIN THE SERVICES OF A REGISTERED SURVEYOR TO ADJUST THE MONUMENT AS REQUIRED AND PROPERLY REPORT THE NEW DATA TO THE CONTROLLING AUTHORITIES.

TRAFFIC CONTROL

THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TRAFFIC CONTROL PLANS. ALL SIGNS, BARRICADES, CHANNELIZATION DEVICES, SIGN FRAMES AND ERECTION OF SUCH DEVICES SHALL CONFORM TO THE REQUIREMENTS OF "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" LATEST EDITION. PRIOR TO CONSTRUCTION, TRAFFIC CONTROL PLANS SHALL BE APPROVED BY THE GOVERNING AUTHORITY.

EROSION CONTROL, ENVIRONMENTAL PROTECTION, AND STORM WATER POLLUTION PREVENTION PLAN

THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY NECESSARY DUST OR EROSION CONTROL PERMITS FROM REGULATORY AGENCIES.

THE CONTRACTOR SHALL PROMPTLY REMOVE ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY TO KEEP IT FROM WASHING OFF THE PROJECT SITE.

THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO OTHER PROPERTY BY CONSTRUCTING TEMPORARY EROSION CONTROL BERMS OR INSTALLING SILT FENCES AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.

WATERING, AS REQUIRED FOR CONSTRUCTION AND DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLIANCE WITH GOVERNMENT ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER AS REQUIRED.

ANY AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY LANDSCAPING OR AN IMPERVIOUS SURFACE SHALL BE REVEGETATED WITH RECLAMATION SEEDING.

THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT REMOVED ON THE PROJECT BY HAULING TO AN APPROVED LANDFILL IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW MEXICO SOLID WASTE ACT.

ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE, INCLUDING ITEMS DESIGNED FOR REMOVAL, CONSTRUCTION WASTE, CONSTRUCTION EQUIPMENT WASTE PRODUCTS (OIL, GAS, TIRES, ETC.), GARBAGE, GRUBBING, EXCESS CUT MATERIAL , VEGETATIVE DEBRIS, ETC. SHALL BE APPROPRIATELY DISPOSED OF OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY PERMITS REQUIRED FOR HAUL OR DISPOSAL OF WASTE PRODUCTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE WASTE DISPOSAL SITE COMPLIES WITH GOVERNMENT REGULATIONS REGARDING THE ENVIRONMENT, ENDANGERED SPECIES, AND ARCHAEOLOGICAL RESOURCES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEAN-UP AND REPORTING OF SPILLS OF HAZARDOUS MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS INCLUDES GASOLINE, DIESEL FUEL, MOTOR OIL, SOLVENTS, CHEMICALS, PAINT, ETC., WHICH MAY BE A THREAT TO THE ENVIRONMENT. THE CONTRACTOR SHALL REPORT THE DISCOVERY OF PAST OR PRESENT SPILLS TO THE NEW MEXICO ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE AT 1-505-822-1558 OR 1-800-219-6157.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING SURFACE AND UNDERGROUND WATER. CONTACT WITH SURFACE WATER BY CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL BE MINIMIZED. EQUIPMENT MAINTENANCE AND REFUELING OPERATIONS SHALL BE PERFORMED IN AN ENVIRONMENTALLY SAFE MANNER IN COMPLIANCE WITH GOVERNMENT REGULATIONS.

THE CONTRACTOR SHALL APPRISE HIMSELF OF ANY REGULATIONS THAT LIMIT THE EMISSION OF PARTICULATES AND THE USE OF CUTBACK ASPHALT, PRIOR TO BIDDING AND PERFORMING THE WORK.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING CONSTRUCTION NOISE AND HOURS OF OPERATIONS.

LEGEND

BUILDING
ASPHALT
CONCRETE SIDEWALK — S/W
CURB AND GUTTER
CHAINLINK FENCE
CONTOURS — 5182
FENCE — x — x — x
LIGHT POLE — LP
FIRE HYDRANT
TREES
BUSH
POWER POLE
MANHOLE — OE
SIGN
IRRIGATION BOX
ROOF DRAIN
WATER METER — WM
SINGLE CLEAN-OUT
DOUBLE CLEAN-OUT
TRAFFIC SIGNAL BOX
TRAFFIC CONTROL BOX
ELECTRIC BOX
TRAFFIC SIGNAL W/ARM
PEDESTRIAN SIGNAL
TRAFFIC SIGNAL W/O ARM
EXISTING SPOT ELEVATION — +FL65.82
STORM SEWER — SD
SANITARY SEWER — SAS
STORM INLET
DEMOLITION AREA — OLSON, GREG
NEW ASPHALT — TURLEY TOM
NEW CONCRETE
ASPHALT REMOVAL & REPLACED

REFERENCE BUBBLES:

X — DETAIL NUMBER
XY — CROSS-REFERENCE SHEET NUMBER

FOR INFORMATION ONLY

SURVEY NOTES

1. THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS ARE SHOWN FOR ORIENTATION ONLY.
2. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL THE UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES, EXCEPT AS NOTED.

ELEVATIONS ARE IN NGVD 29

ABBREVIATIONS

A.B.I.	= ADDITIVE BID ITEM	ELEV	= ELEVATION	L/S	= LANDSCAPING	T	= TELEPHONE LINE
AC	= ASBESTOS CEMENT PIPE	ESMT	= EASEMENT	LT	= LEFT	TA	= TOP OF ASPHALT
AD	= AREA DRAIN	EVC	= END VERTICAL CURVE	MH	= MANHOLE	TAC	= TOP OF ASPHALT CURB
AIP	= ABANDONED IN PLACE	EXIST	= EXISTING	NG	= NATURAL GRADE	TC	= TOP OF CONCRETE CURB
AP	= ANALYSIS POINT	EB	= ELECTRIC BOX	PB	= PULL BOX	TOC	= TOP OF CONCRETE
BLDG	= BUILDING	FD	= FLOOR DRAIN	PL	= PROPERTY LINE	TD	= TOP OF DOCK
BM	= BENCHMARK	FF	= FINISHED FLOOR ELEVATION	PC	= POINT OF CURVE	TG	= TOP OF GRATE
BVC	= BEGINNING VERTICAL CURVE STATION	FG	= FINISHED GRADE	P.I.	= POINT OF INTERSECTION	TS	= TOP OF SIDEWALK
BW	= BASE OF WALL	FH	= FIRE HYDRANT	PP	= POWER POLE	TW	= TOP OF WALL
CATV	= CABLE TV LINE	FL	= FLOW LINE	PRC	= POINT OF REVERSE CURVE	TB	= TELEPHONE BOX
CB	= CATCH BASIN	FM	= FORCE MAIN	PT	= POINT OF TANGENT	TBM	= TEMPORARY BENCH MARK
CCP	= CONCRETE CYLINDER PIPE	FW	= FIRE WATER	PVI	= POINT OF VERTICAL INTERSECTION	TR	= TELEPHONE RISER
CIP	= CAST IRON PIPE	FP	= FIRE PROTECTION LINE	PVC	= POLYVINYL CHLORIDE PIPE	TS	= TRAFFIC SIGN
CR	= CURB RETURN	G	= GAS	RCP	= REINFORCED CONCRETE PIPE	TYP	= TYPICAL
CMP	= CORRUGATED METAL PIPE	GM	= GAS METER	RD	= ROOF DRAIN	UE	= UNDERGROUND ELECTRICAL LINE
CMPA	= CORRUGATED METAL PIPE ARCH	GV	= GATE VALVE	ROW	= RIGHT OF WAY	UT	= UNDERGROUND TELEPHONE LINE
CO	= CLEANOUT	HC	= HANDICAP	S	= SLOPE	VC	= VERTICAL CURVE
CONC	= CONCRETE	HI PT	= HIGH POINT	SAS	= SANITARY SEWER LINE	VCP	= VITRIFIED CLAY PIPE
CL	= CHAIN LINK	INV	= INVERT ELEVATION	SD	= STORM DRAIN	VP	= VENT PIPE
DIA	= DIAMETER	IP	= IRON PIPE	ST	= STEEL PIPE	W	= WATER
DI	= DROP INLET	LEN.	= LENGTH	STA	= STATION	WM	= WATER METER
DIP	= DUCTILE IRON PIPE	LF	= LINEAR FEET	STD	= STANDARD	WV	= WATER VALVE
E	= ELECTRIC	LP	= LIGHT POLE	SW	= SIDEWALK		

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ERICKSON, RITA	OFFICE PH: (505)761-6235 OFFICE FAX: 761-0599 rita_erickson@cable.comcast.com	COMCAST PLANNING & DESIGN SUPV 4600 MONTBEL PL NE ABQ. NM 87107
GABEL, ELISABETH	OFFICE PH: (505)241-7745 OFFICE FAX: 241-7753 egabel@pnm.com	PNM-GAS CO. OF NM PLANNING ENGINEER 4625 EDITH BLVD. NE MS-GS66 ABQ. NM 87107
FERRAN, ROCKY	OFFICE PH: (505)241-0525 OFFICE FAX: 241-3620 rferran@pnm.com	PNM-ELECTRIC ENGINEERING REPRESENTATIVE 4201 EDITH BLVD. NE ABQ. NM 87107
GAY, BOB	OFFICE PH: (505)898-2661 OFFICE FAX: 898-6379 bobgaynmui@yahoo.com	NEW MEXICO UTILITIES OPERATIONS SUPERINTENDENT 4700 IRVING BLVD. NW, STE. 201 ABQ. NM 87114
HARRISON, ROYAL	OFFICE PH: (505)938-7339 OFFICE FAX: 938-7380 Royal.Harrison@twtelecom.com	TIME WARNER TELECOM PLANT MANAGER 3830 SINGER BLVD. NE STE. 1000 ABQ. NM 87109
MARES, JOHN	OFFICE PH: (505)998-2274 OFFICE FAX: 998-9161 john.mares@espire.net	E. SPIRE 505 MARQUETTE NW, STE. 1605 ABQ. NM 87102
MUELLER, RICK	OFFICE PH: (505)244-3161 OFFICE FAX: 244-0094 MOBILE: 228-3329 rdmueller@mcleodusa.com	MC LEOD USA SUPV. OF OUTSIDE TECHS. 505 MARQUETTE NW COMPASS BANK) STE. 1600 ABQ. NM 87102
MULLER, DAVID	OFFICE PH: (505)245-8706 OFFICE FAX: 245-6831 or 245-6733 dmuller@uswest.com	QWEST/US WEST CAPACITY PROVISIONING SPECIALIST 201 3rd ST. NW (BANK OF ALBUQUERQUE) STE. 700 ABQ. NM 87102
NELSON, JOSHUA	MOBILE: (505)991-9120 OFFICE FAX: 217-0070 jhcookcojn@att.net	CITYNET TELECOMMUNICATIONS CONSULTANT 505 MARQUETTE AVE. NW STE. 119-A ABQ. NM 87102
OLSON, GREG	OFFICE PH: (505)768-2719 OFFICE FAX: 768-3629 golson@cabq.gov	CITY OF ALBUQUERQUE PRINCIPAL ENGINEER, UTILITY DEVELOPMENT P.O. BOX 1293 ABQ. NM 87103
TURLEY TOM	OFFICE PH: (636)561-0339 OFFICE FAX: (636)561-0355 tom.turley@genuity.com	GENUITY SUPV.-OSP MAINTENANCE 50 CENTRE ON THE LAKE LAKE SAINT LOUIS, MO 63367

SURVEY INFORMATION — BENCH MARKS — AS BUILT INFORMATION

FIELD NOTES

NO.	BY	DATE

CONTRACTOR
WORK STAKED BY
FIELD WORK ACCEPTANCE BY — DATE
VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.

MICRO-FILM INFORMATION

GEOGRAPHIC POSITION (NAD 27). IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE) — RECORDED BY — DATE
X = 381874.83 Y = 1484816.92 — NO.
ELEV. = 4965.213 NGVD 29. IN FEET

ENGINEER'S SEAL

DAVID H. GRIEVES — NEW MEXICO — NO. 6219 — REGISTERED PROFESSIONAL ENGINEER — STATE OF — June 21, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED D. GRIEVES — DATE 06/03/02
DRAWN BY S. EDINGS — DATE 06/03/02
CHECKED BY V. CHAVEZ — DATE 06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD/COAL IMPROVEMENTS
GENERAL NOTES & LEGEND

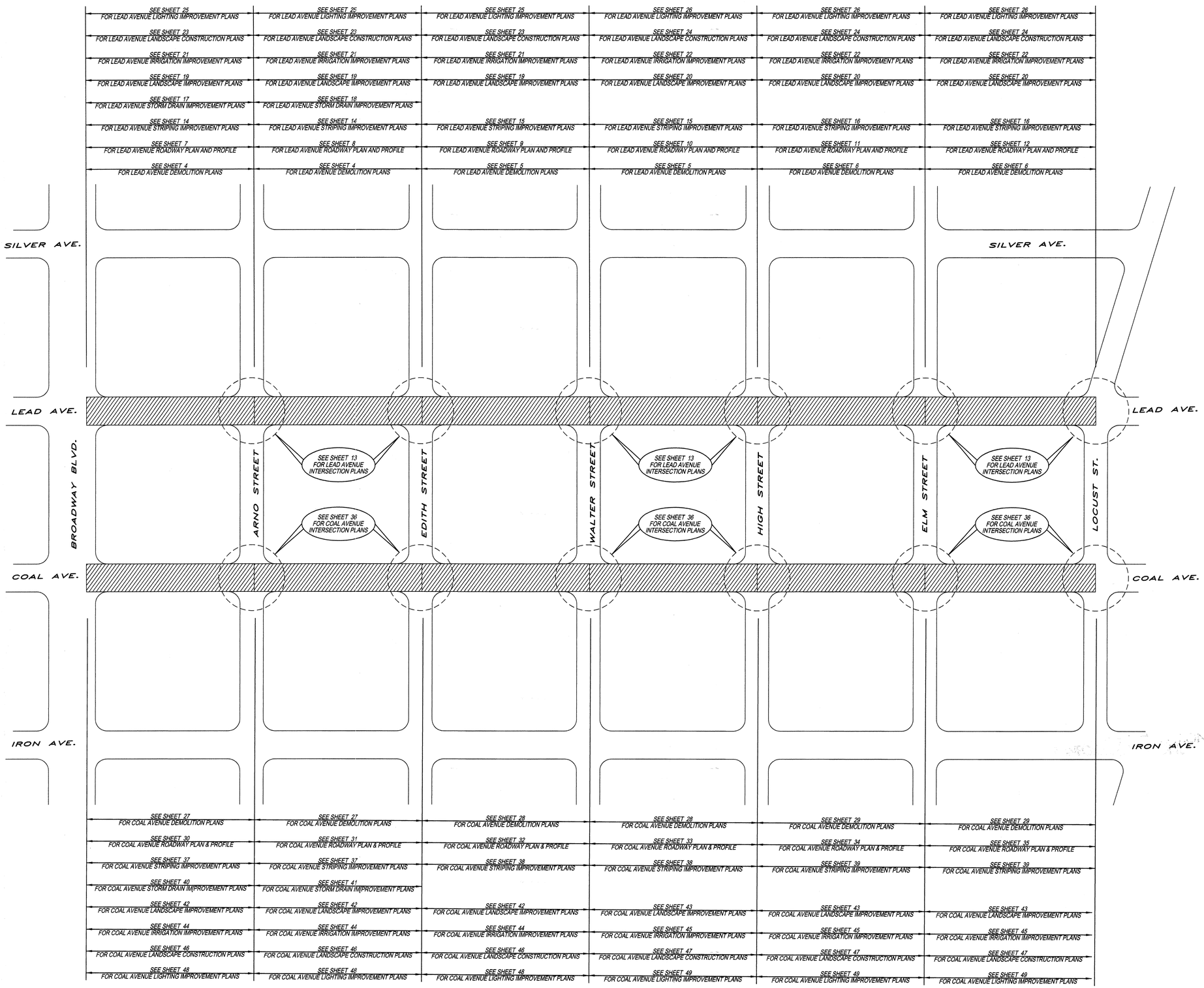
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	2	57

SCANNED BY MESA REPRO

JOB NO.: 003-111-5198
FILE: C:\003111\LEAD\DWGS\003111C1.DWG
PLOT: 06/06/01 PG---01-25-02 R
REV: 06/06/01

SCANNED BY
MESA REPRO



AS BUILT INFORMATION

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"
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NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

CONTRACTOR
WORK STARTED ON: DATE
INSPECTED BY ACCEPTANCE BY DATE
VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES	7/99
	ENGINEERS	

ENGINEER'S SEAL

DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6127
REGISTERED PROFESSIONAL ENGINEER
June 3 2002

FOR INFORMATION ONLY

ELEVATIONS ARE IN NGVD 29

NORTH

GRAPHIC SCALE
0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

NO.	DATE	REMARKS
		REVISIONS
		DESIGN

DESIGNED D. GRIEVES DATE 06/03/02
DRAWN BY S. EDINGS DATE 06/03/02
CHECKED BY V. CHAVEZ DATE 06/03/02

CHAVEZ · GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

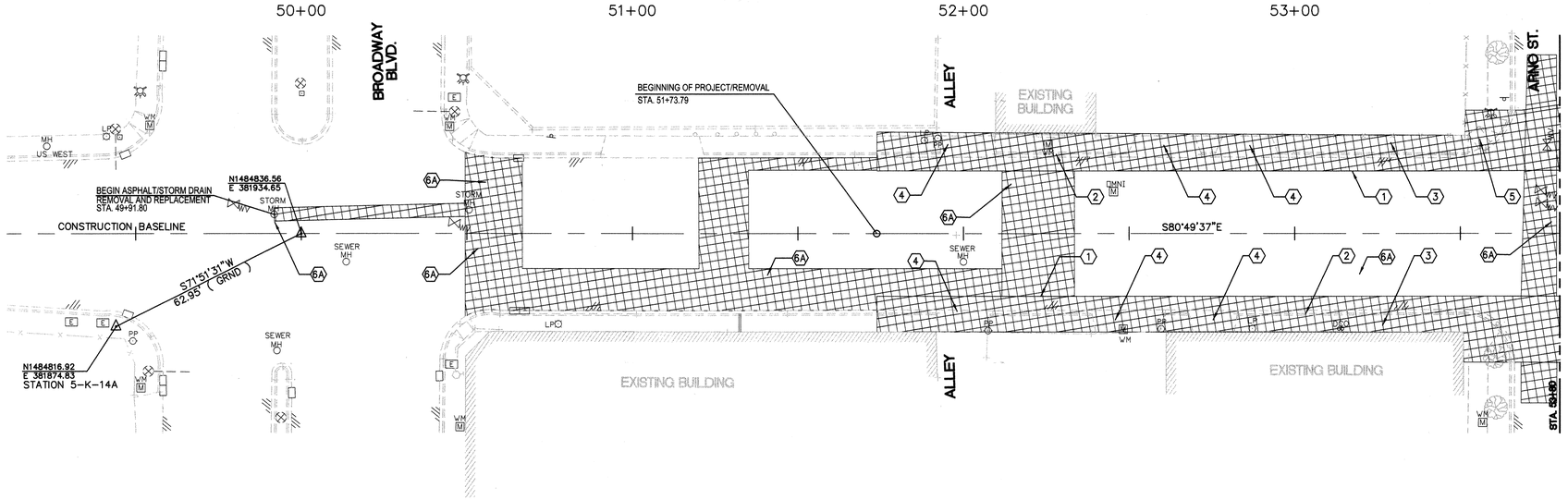
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD/COAL IMPROVEMENTS CONSTRUCTION KEY MAP

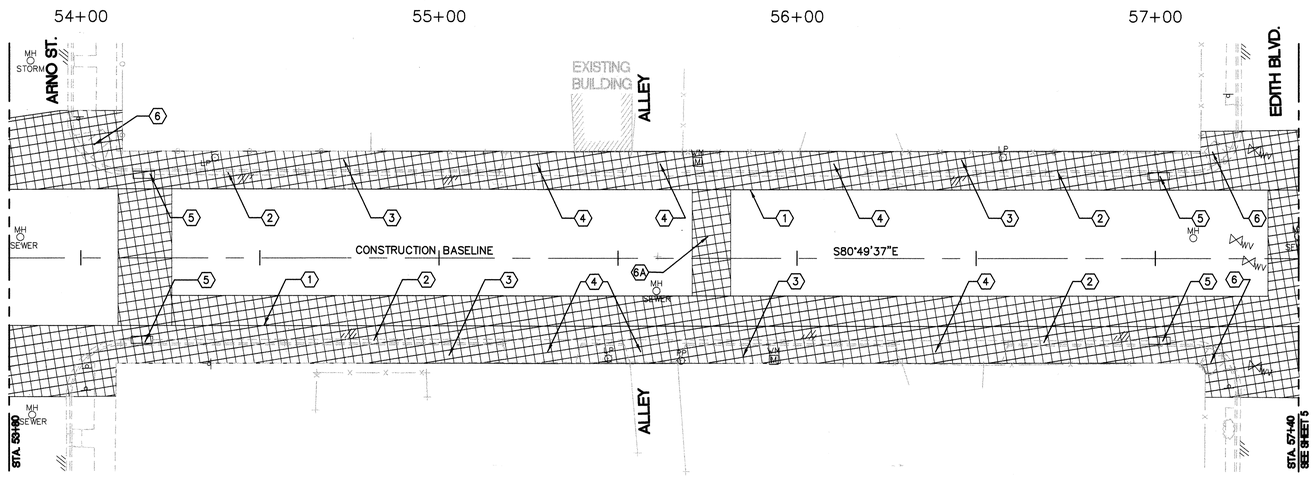
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	3	57

ADE WO: 003-111-2598
FILE: 5851-KEY-MAP-ALESA-AS2MAP.DWG
DWG BOOK: MB PG
DATE: 07/01/99 PC: 07/29/02 IE



LEAD AVENUE (60' R/W)
STA. 51+73.79 - STA. 53+80.00



LEAD AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00

KEYED NOTES
STA. 51+73.79–STA. 53+80.00 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 51+73.79 TO 6' FROM EXISTING FLOWLINE AT STA 53+80. AND NORTH TO EXISTING CURB RETURNS FROM STA. 53+65.58 TO STA. 53+80.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING HANDICAP RAMP.

6A. BEGINNING AT STA 49+91.80 & ENDING AT 57+85 LT & RT SAWCUT AND REMOVE EXIST. ASPHALT PAVEMENT PER COA STD DWG 2465 ALSO SEE SHEET 17 FOR STORM DRAIN LINE IMPROVEMENTS.

KEYED NOTES
STA. 51+73.79–STA. 53+80.00 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 51+73.79 TO 6' FROM EXISTING FLOWLINE AT STA 53+80. AND SOUTH TO EXISTING CURB RETURNS FROM STA. 53+65.37 TO STA. 53+80.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.

CONSTRUCTION NOTES

1. WHEN REMOVING EXISTING FEATURES TAKE CARE SO AS NOT TO DAMAGE EXISTING FEATURES THAT WILL REMAIN.
2. LIGHTING DEMOLITION TO BE SHOWN ON LIGHTING PLANS.

KEYED NOTES
STA. 53+80.00–STA. 57+40.00 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 53+80 TO 6' AT STA 57+40, AND NORTH TO EXISTING CURB RETURNS FROM STA. 53+80 TO STA. 53+97.39 AND FROM STA. 57+23.10 TO STA. 57+40.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING CURB INLET.
6. REMOVE EXISTING HANDICAP RAMP.

KEYED NOTES
STA. 53+80.00–STA. 57+40.00 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 53+80 TO 6' AT STA 57+40, AND SOUTH TO EXISTING CURB RETURNS FROM STA. 53+80 TO STA. 53+96.92 AND FROM STA. 57+22.81 TO STA. 57+40.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING CURB INLET.
6. REMOVE EXISTING HANDICAP RAMP.

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

ELEVATIONS ARE IN NGVD 29

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY — DATE
FINAL INSPECTION & ACCEPTANCE BY — DATE
CERTIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
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NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE
CHAVEZ-GRIEVES ENG. | 7/99

ENGINEER'S SEAL
DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 6127 — REGISTERED PROFESSIONAL ENGINEER
7/24/02

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED D. GRIEVES	DATE 06/03/02
		DRAWN BY S. EDINGS	DATE 06/03/02
		CHECKED BY V. CHAVEZ	DATE 06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

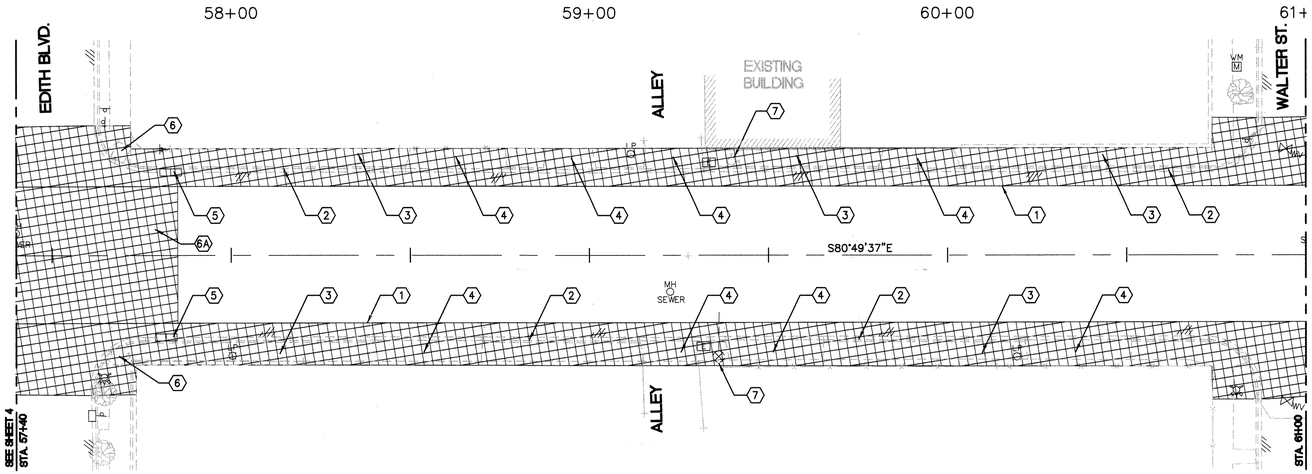
TITLE: LEAD AVENUE IMPROVEMENTS
DEMOLITION PLAN
STA. 51+73.79 – STA. 57+40.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

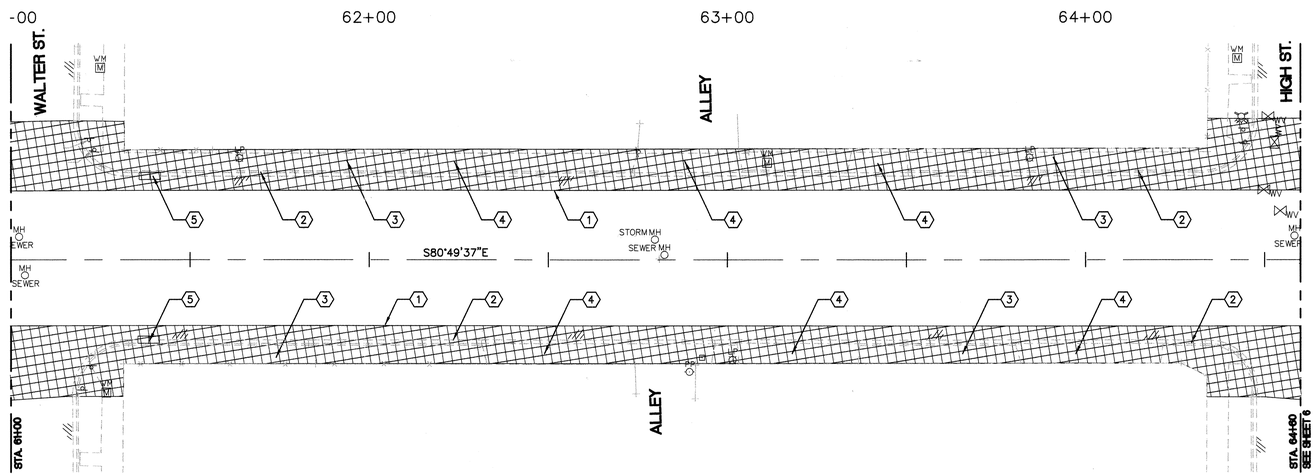
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	4	57

SCANNED BY MESA REPRO

AB WO: 005111.0146
M:\DRAWINGS\5851\LEAD-DEMO.DWG(RED) (DEMOLISH)
PLOT DATE: 07/24/02
PLOT TIME: 09:25:52 AM



LEAD AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00



LEAD AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00

FOR INFORMATION ONLY

GRAPHIC SCALE

0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

ELEVATIONS ARE IN NGVD 29

KEYED NOTES
STA. 57+40.00–STA. 61+00.00 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 57+40 TO 6' AT STA. 61+00 AND NORTH TO EXISTING CURB RETURNS FROM STA. 57+40 TO STA. 57+62.79 AND FROM STA. 60+86.79 TO STA. 61+00.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING CURB INLET.
6. REMOVE EXISTING HANDICAP RAMP.
7. EXISTING CROSS SIGNALS TO REMAIN.

KEYED NOTES
STA. 57+40.00–STA. 61+00.00 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 57+40 TO 6' AT STA. 61+00 AND SOUTH TO EXISTING CURB RETURNS FROM STA. 57+40 TO STA. 57+62.00 AND FROM STA. 60+86.52 TO STA. 61+00.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING CURB INLET.
6. REMOVE EXISTING HANDICAP RAMP.
7. EXISTING CROSS SIGNALS/FLASHERS TO REMAIN. DIRECT ANY QUERIES ON TRAFFIC CONTROL & SIGNALIZATION TO COA TRAFFIC ENGINEER, WHO SHALL DIRECT CONTRACTOR.

CONSTRUCTION NOTES

1. WHEN REMOVING EXISTING FEATURES TAKE CARE SO AS NOT TO DAMAGE EXISTING FEATURES THAT WILL REMAIN.
2. LIGHTING DEMOLITION TO BE SHOWN ON LIGHTING PLANS.

KEYED NOTES
STA. 61+00.00–STA. 64+60.00 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 61+00 TO 6' AT STA 64+60, AND NORTH TO EXISTING CURB RETURNS FROM STA. 61+00 TO STA. 61+18.44 AND FROM STA. 64+47.05 TO STA. 64+60.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING CURB INLET, PLUG EXISTING OUTLET PIPE IN PLACE.

KEYED NOTES
STA. 61+00.00–STA. 64+60.00 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 61+00 TO 6' AT STA 64+60, AND SOUTH TO EXISTING CURB RETURNS FROM STA. 61+00 TO STA. 61+18.19 AND FROM STA. 64+46.73 TO STA. 64+60.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING CURB INLET, PLUG EXISTING OUTLET PIPE IN PLACE.

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY DATE
WORK COMPLETED DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE
CHAVEZ-GRIEVES ENG. 7/99

ENGINEER'S SEAL
DAVID H. GRIEVES STATE OF NEW MEXICO NO. 6124 REGISTERED PROFESSIONAL ENGINEER
June 3, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
	06/03/02	DESIGNED D. GRIEVES	
	06/03/02	DRAWN BY S. EDINGS	
	06/03/02	CHECKED BY V. CHAVEZ	

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD AVENUE IMPROVEMENTS
DEMOLITION PLAN
STA. 57+40.00 – STA. 64+60.00

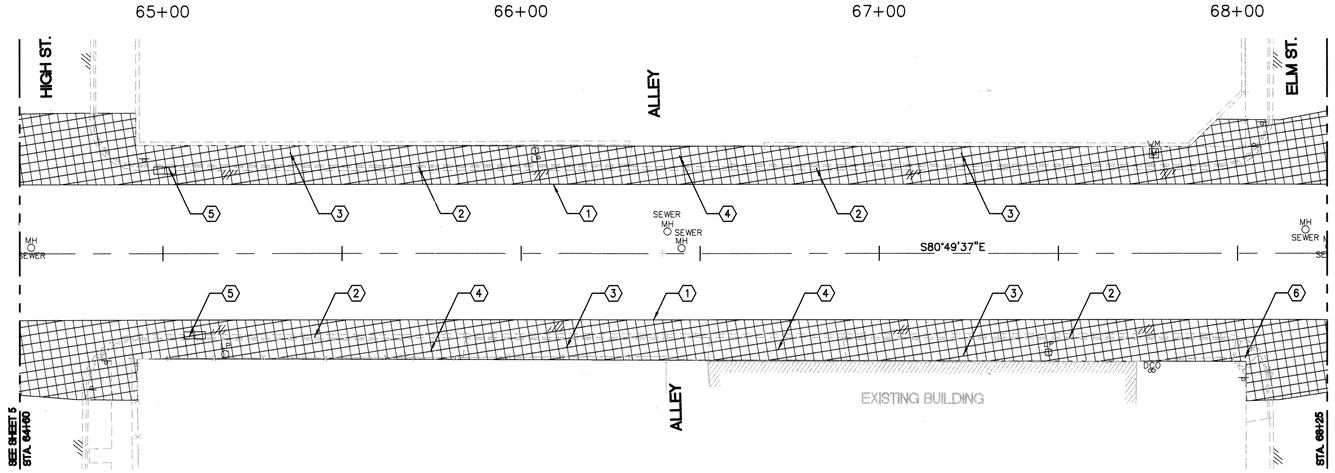
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	5	57

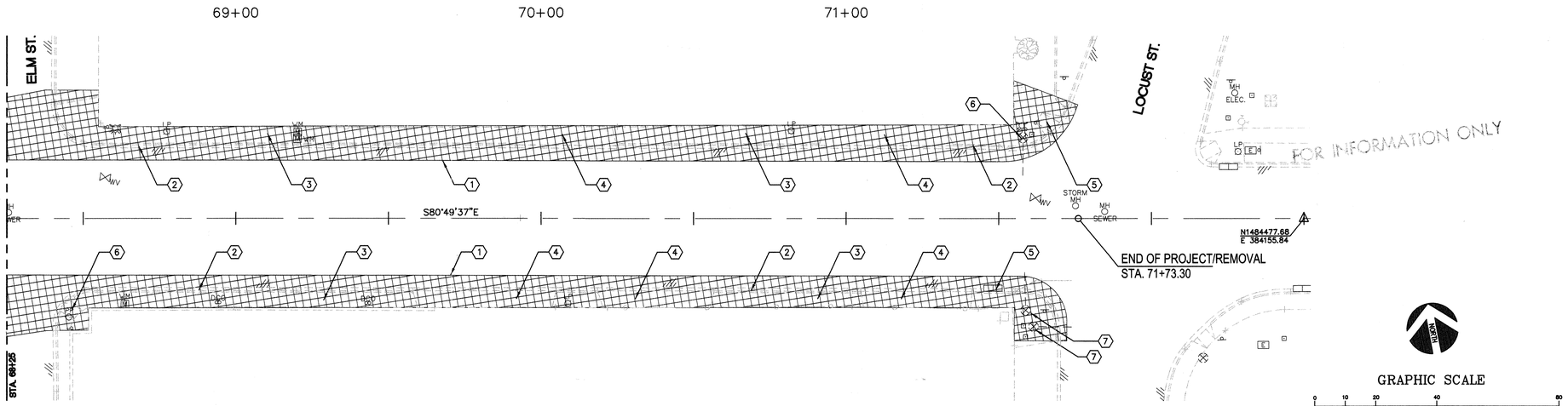
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SCANNED BY
MESA REPRO



LEAD AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



LEAD AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.30

ELEVATIONS ARE IN NGVD 29

KEYED NOTES
STA. 64+60.00–STA. 68+25.00 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 64+60 TO 6' AT STA. 68+25 AND NORTH TO EXISTING CURB RETURNS FROM STA. 64+60 TO STA. 64+80.76 AND FROM STA. 68+08.83 TO STA. 68.25.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING CURB INLET.

KEYED NOTES
STA. 64+60.00–STA. 68+25.00 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 64+60 TO 6' AT STA. 68+25 AND SOUTH TO EXISTING CURB RETURNS FROM STA. 64+60 TO STA. 64+78.56 AND FROM STA. 68+08.78 TO STA. 68+25.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING CURB INLET.
6. REMOVE EXISTING HANDICAP RAMP.

CONSTRUCTION NOTES

1. WHEN REMOVING EXISTING FEATURES TAKE CARE SO AS NOT TO DAMAGE EXISTING FEATURES THAT WILL REMAIN.
2. LIGHTING DEMOLITION TO BE SHOWN ON LIGHTING PLANS.

KEYED NOTES
STA. 68+25.00–STA. 71+73.30 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 68+25 TO 6' AT STA 71+50.00, AND TRANSITION TO 3' FROM EXISTING FLOWLINE AT STA. 71+73.30.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING HANDICAP RAMP.
6. EXISTING CROSS SIGNALS TO REMAIN.

KEYED NOTES
STA. 68+25.00–STA. 71+69.25 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 68+25 TO 6' AT STA 71+55.34, AND TRANSITION TO 3' FROM EXISTING FLOWLINE AT STA. 71+69.25.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING CURB INLET, PLUG EXISTING OUTLET PIPE IN PLACE.
6. REMOVE EXISTING HANDICAP RAMP.
7. EXISTING CROSS SIGNALS/FLASHERS TO REMAIN. DIRECT ANY QUERIES ON TRAFFIC CONTROL & SIGNALIZATION TO COA TRAFFIC ENGINEER, WHO SHALL DIRECT CONTRACTOR.

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY / WORK WORKS — DATE
ACCEPTANCE BY — DATE
VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.

MICRO-FILM INFORMATION
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL
DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 6127 — REGISTERED PROFESSIONAL ENGINEER
Date 7 3 02

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
	06/03/02		
	06/03/02		
	06/03/02		

DESIGNED D. GRIEVES
DRAWN BY S. EDINGS
CHECKED BY V. CHAVEZ

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD AVENUE IMPROVEMENTS
DEMOLITION PLAN
STA. 64+60.00 – STA. 71+73.30

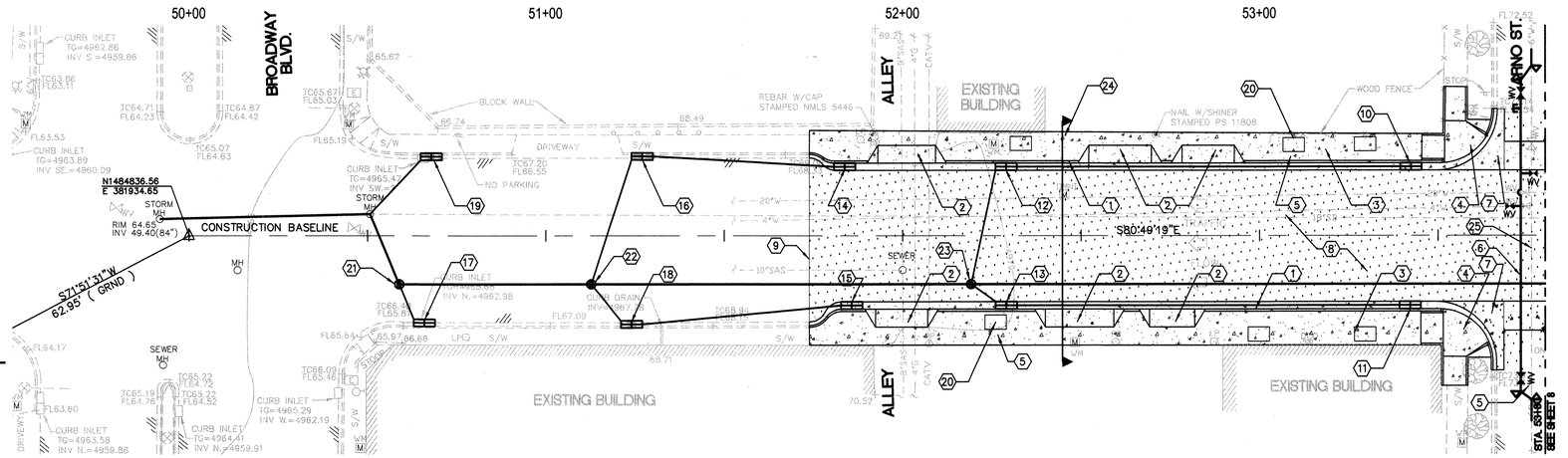
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	6	57

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DATE PLOTTED: 06-05-02 8:

SCANNED BY
MESA REPRO

LEAD AVENUE (60' R/W)
STA. 50+00.00 - STA. 53+80.00



CONSTRUCTION NOTES

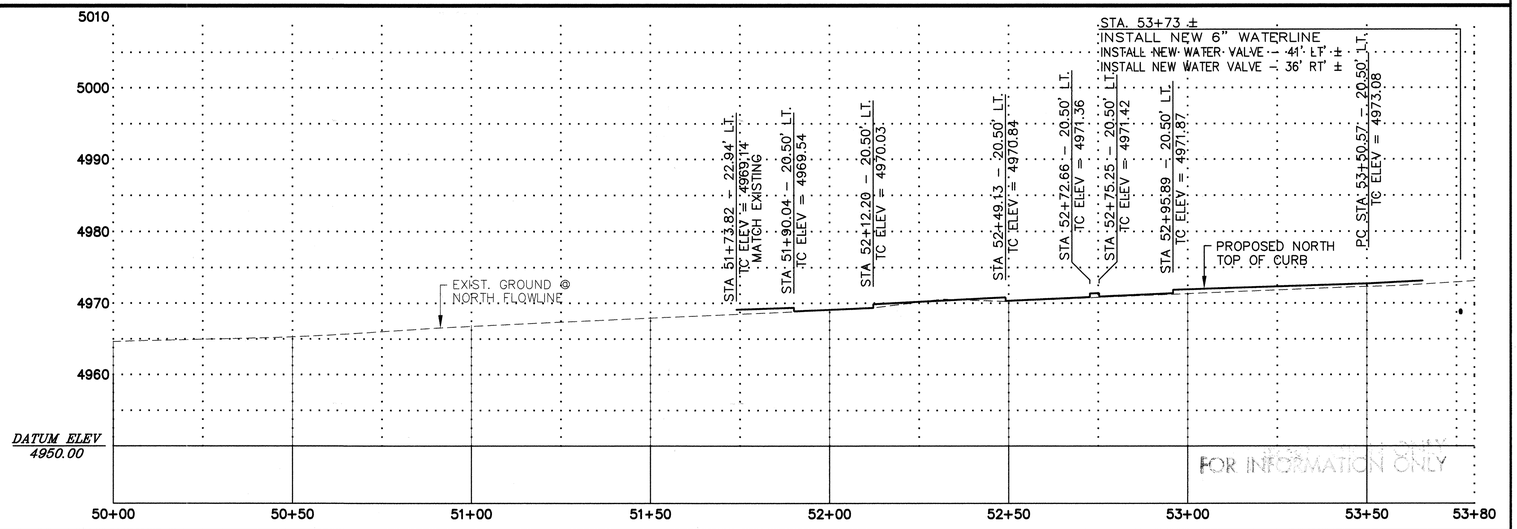
1. CURB CUTS ARE SHOWN WITH OPENING SIZE ONLY. TAPERS SHALL BE CONSTRUCTED PER COA STDS.

KEYED NOTES

1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'–10½" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 13.
5. PROVIDE 3'–0" MIN CLEAR AT POINTS AND 4'–0" MIN AT OTHER OBSTRUCTIONS.
6. 6" WATERLINE REPLACEMENT, SEE SHEET 53.
7. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 13.
8. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
9. BEGIN ASPHALT MILL & OVERLAY. MATCH EXISTING ASPHALT.
10. STA. 53+42.42 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. T.G.= 72.23 INV. SE = 64.18
11. STA. 53+42.17 – 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. T.G.= 72.54 INV. NE = 64.33
12. STA. 52+29.00 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. T.G.= 69.73 INV. S = 61.91
13. STA. 52+29.00 – 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. T.G.= 69.88 INV. N = 62.07
14. STA. 51+83.72 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. T.G.= 68.71 INV. S = 61.32
15. STA. 51+85.68 – 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. T.G.= 68.89 INV. N = 61.60
16. STA. 51+27.00 – 23.38' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. T.G.= MATCH EXISTING FLOWLINE INV. N = 60.19
17. STA. 50+65.89 – 25.30' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. T.G.= MATCH EXISTING FLOWLINE INV. N = 59.21
18. STA. 51+23.98 – 25.71' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. T.G.= MATCH EXISTING FLOWLINE INV. N = 60.37
19. STA. 50+67.88 – 23.30' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. T.G.= MATCH EXISTING FLOWLINE INV. N = 59.01
20. PLANTERS, SEE LANDSCAPE PLANS. TYP
21. STA. 50+58.84 – 13.56' RT. SEE SHEET 17.
22. STA. 51+12.69 – 13'56' RT. SEE SHEET 17.
23. STA. 52+19.14 – 13.54' RT. SEE SHEET 17.
24. SEE SHEET 54 FOR TYPICAL SECTION.
25. CUT AND CAP EXISTING WATERLINE. ABANDON IN PLACE.

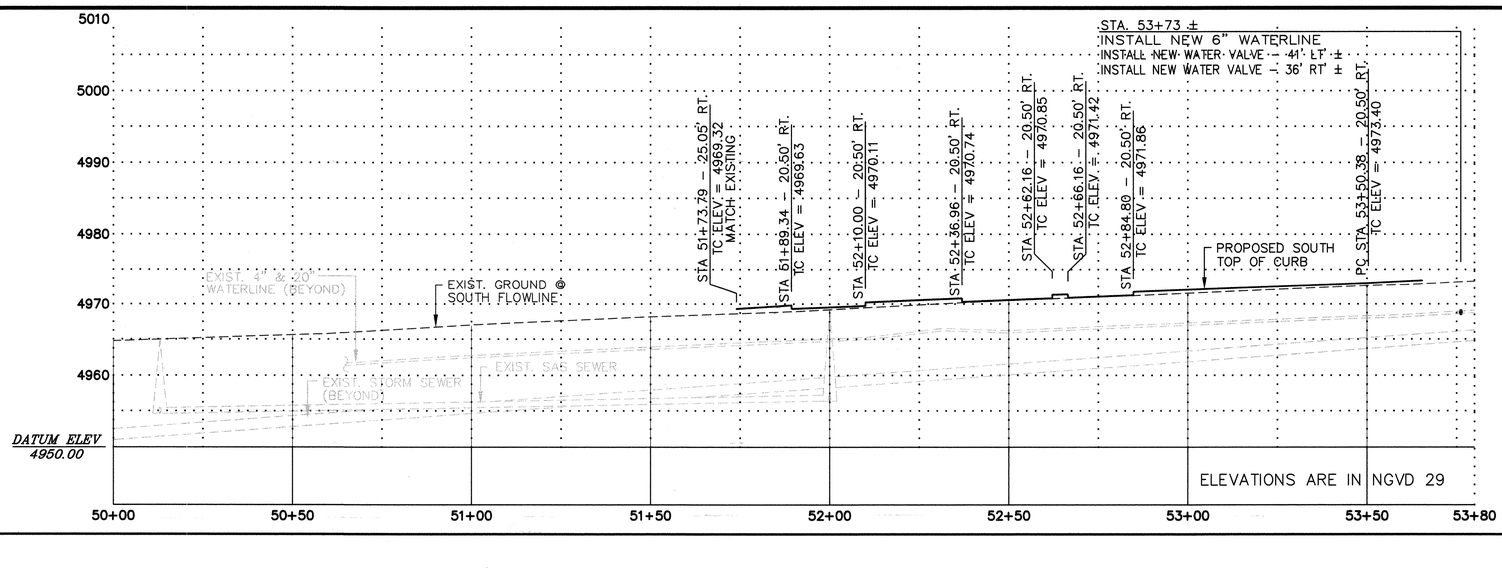
GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

LEAD AVENUE
NORTH CURB PROFILE
STA. 50+00.00 - STA. 53+80.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

LEAD AVENUE
SOUTH CURB PROFILE
STA. 50+00.00 - STA. 53+80.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

FOR INFORMATION ONLY

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY: DATE
WORK COMPLETED BY: DATE
ACCEPTANCE BY: DATE
FIELD VERIFICATION BY: DATE
DRAWINGS CORRECTED BY: DATE
APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE
CHAVEZ-GRIEVES ENG. 7/99

ENGINEER'S SEAL
DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6122
REGISTERED PROFESSIONAL ENGINEER
June 7, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
	06/03/02	DESIGN	DESIGNED D. GRIEVES
	06/03/02		DRAWN BY S. EDINGS
	06/03/02		CHECKED BY V. CHAVEZ

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 50+00.00 – STA. 53+80.00

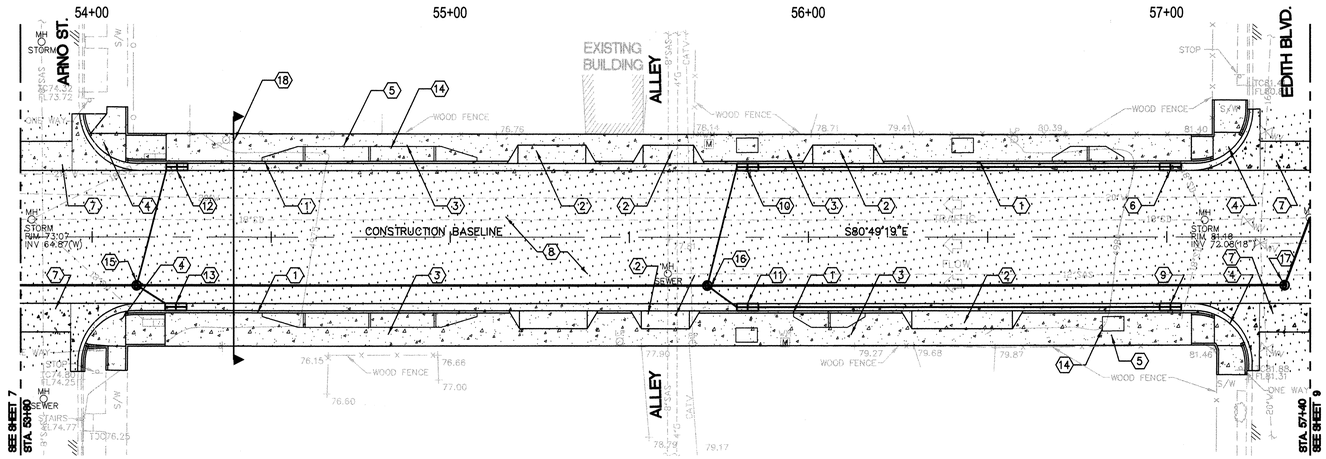
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No. 5851.91 | Zone Map No. K-14-Z, K-15-Z | Sheet 7 Of 57

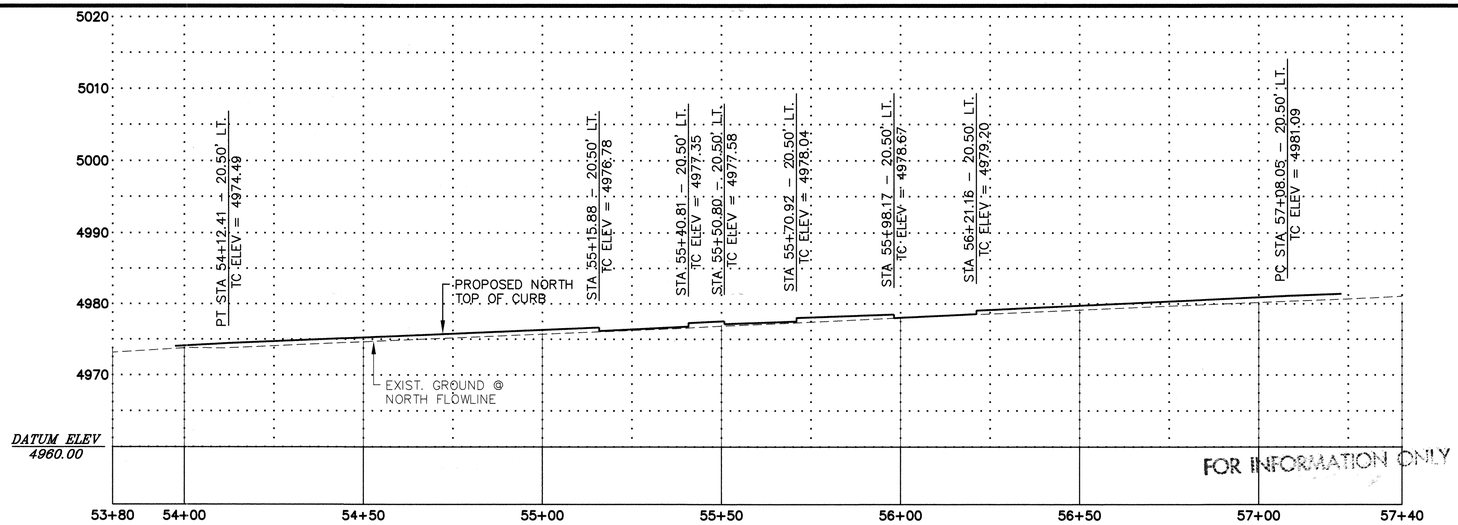
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DRAWING NAME: LEAD-IMPROVEMENTS-IMPROVE.DWG
DRG. FILE: 8P.PC
DATE PLOTTED: 06-25-02

SCANNED BY
MESA REPRO

LEAD AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00

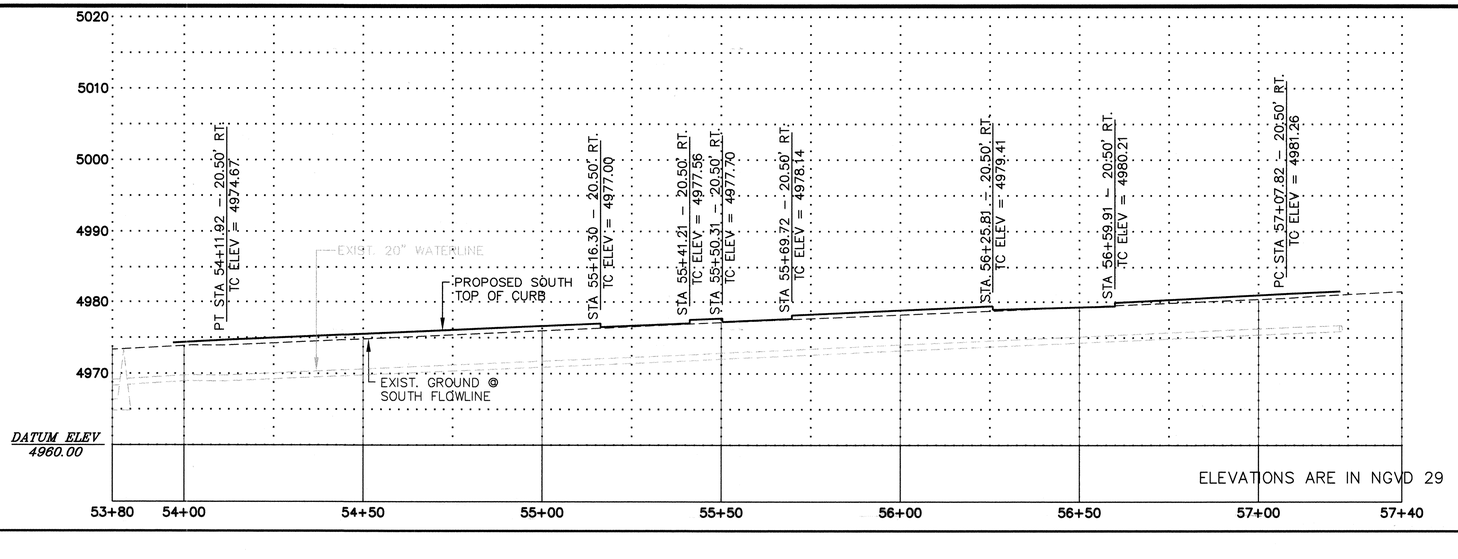


LEAD AVENUE
NORTH CURB PROFILE
STA. 53+80.00 - STA. 57+40.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

LEAD AVENUE
SOUTH CURB PROFILE
STA. 53+80.00 - STA. 57+40.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

KEYED NOTES

1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'–10½" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 13.
5. PROVIDE 3'–0" MIN CLEAR AT POINTS AND 4'–0" MIN AT OTHER OBSTRUCTIONS.
6. STA. 57+01.00 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201.
   TG = 80.27
   INV. = 72.92
7. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 13.
8. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
9. STA. 57+01.00 – 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201.
   T.G.= 80.44
   INV. = 73.08
10. STA. 55+83.00 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201.
    T.G.= 77.65
    INV. = 70.56
11. STA. 55+83.00 – 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201.
    T.G.= 77.77
    INV. = 70.72
12. STA. 54+23.68 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201.
    CONNECT TO EXISTING PIPE
    T.G.= 74.07
    INV. SW = 65.83
13. STA. 54+23.33 – 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201.
    CONNECT TO EXISTING PIPE
    T.G.= 74.26
    INV. SW = 65.90
14. PLANTERS, SEE LANDSCAPE PLANS. TYP
15. STA 54+12.40 – 13.53' RT. SEE SHEET 18.
16. STA 55+71.72 – 13.52' RT. SEE SHEET 18.
17. STA 57+32.87 – 13.51' RT. SEE SHEET 18.
18. SEE SHEET 54 FOR TYPICAL SECTION.

CONSTRUCTION NOTES

1. CURB CUTS ARE SHOWN WITH OPENING SIZE ONLY. TAPERS SHALL BE CONSTRUCTED PER COA STDS.

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
STAKING OK'D FOR ACCEPTANCE BY
VERIFICATION BY
DRAWINGS CORRECTED BY
DATE
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

ENGINEER'S SEAL
DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 5127
REGISTERED PROFESSIONAL ENGINEER
June 3, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED D. GRIEVES	DATE 06/03/02
		DRAWN BY S. EDINGS	DATE 06/03/02
		CHECKED BY V. CHAVEZ	DATE 06/03/02

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

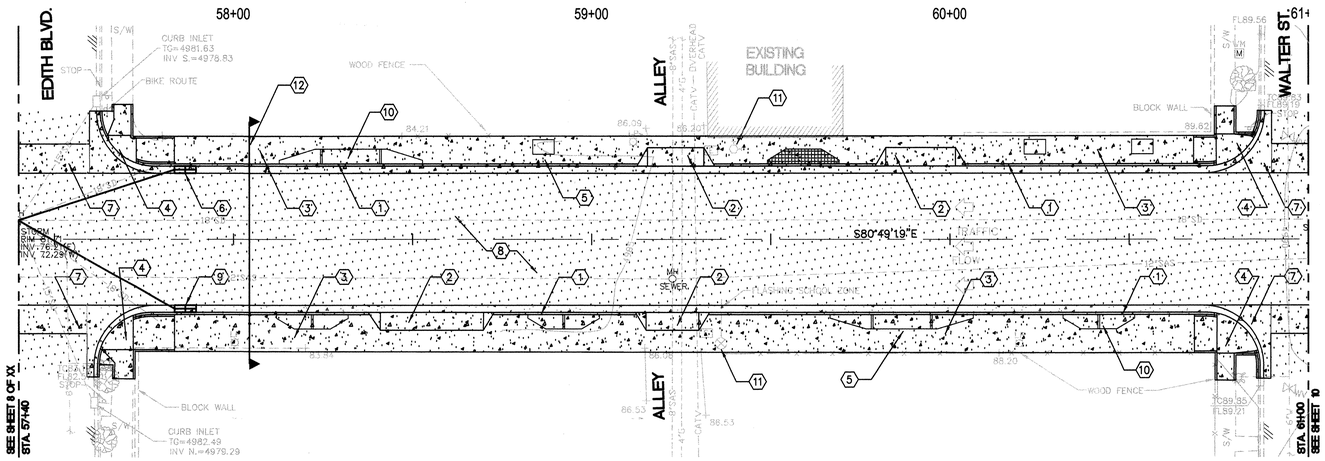
TITLE: LEAD AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 53+80.00 – STA. 57+40.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	8	57

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RAY PEDRO, RP PW
RAY PEDRO, RP PW

LEAD AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00



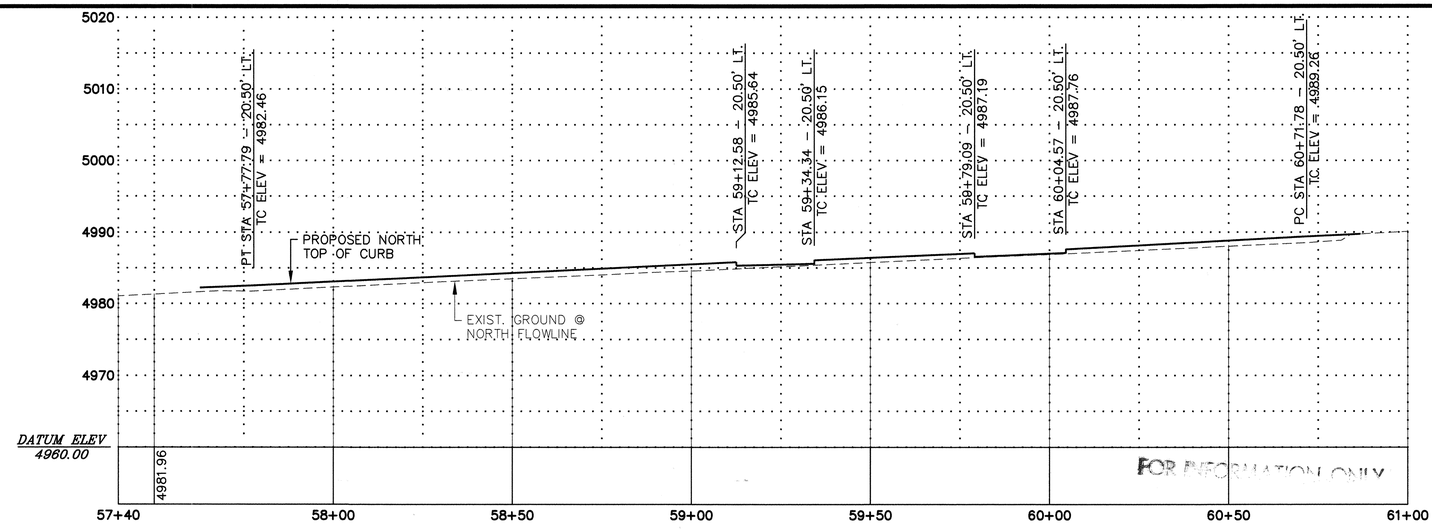
KEYED NOTES

1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'–10 1/2" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 13.
5. PROVIDE 3'–0" MIN CLEAR AT POINTS AND 4'–0" MIN AT OTHER OBSTRUCTIONS.
6. STA. 57+86.50 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE TG = 82.00 INV. SW = 74.36
7. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 13.
8. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
9. STA. 57+86.50 – 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE TG = 82.33 INV. NW = 73.54
10. PLANTERS, SEE LANDSCAPE PLANS. TYP
11. EXISTING CROSS SIGNALS/FLASHERS TO REMAIN. DIRECT ANY QUERIES ON TRAFFIC CONTROL & SIGNALIZATION TO COA TRAFFIC ENGINEER, WHO SHALL DIRECT CONTRACTOR.
12. SEE SHEET 54 FOR TYPICAL SECTION.

CONSTRUCTION NOTES

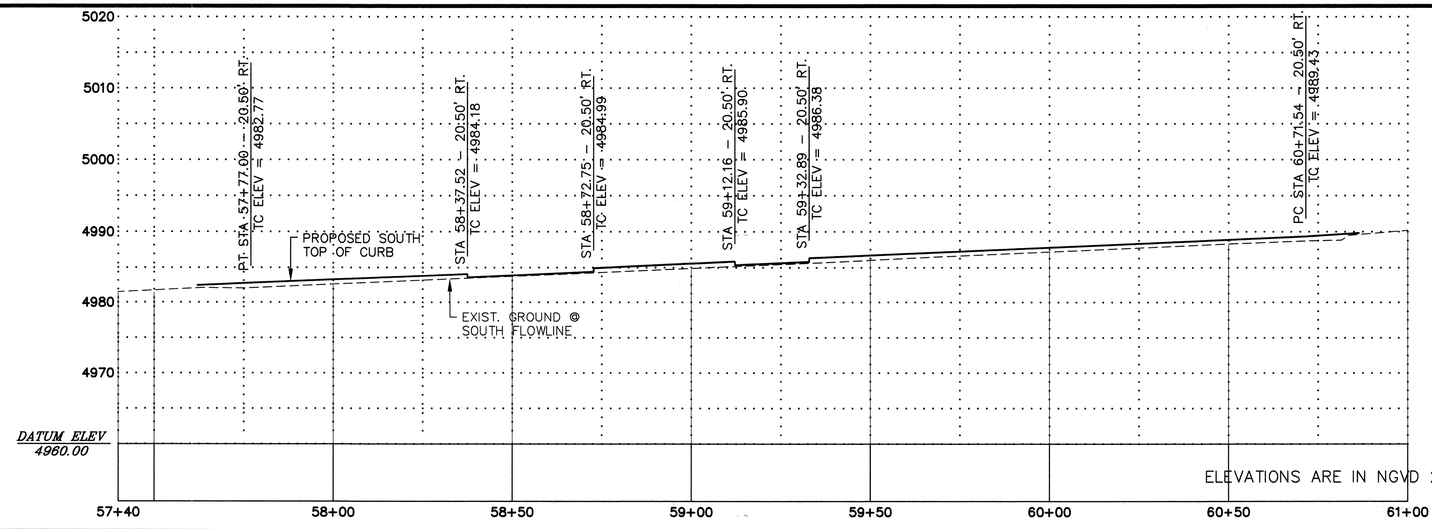
1. CURB CUTS ARE SHOWN WITH OPENING SIZE ONLY. TAPERS SHALL BE CONSTRUCTED PER COA STDS.

LEAD AVENUE
NORTH CURB PROFILE
STA. 57+40.00 - STA. 61+00.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

LEAD AVENUE
SOUTH CURB PROFILE
STA. 57+40.00 - STA. 61+00.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTION BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL
DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 5127 — REGISTERED PROFESSIONAL ENGINEER
JUL 2002

NO.	DATE	REMARKS
		REVISIONS
		DESIGN
	DESIGNED	D. GRIEVES — DATE 06/03/02
	DRAWN BY	S. EDINGS — DATE 06/03/02
	CHECKED BY	V. CHAVEZ — DATE 06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 57+40.00 – STA. 61+00.00

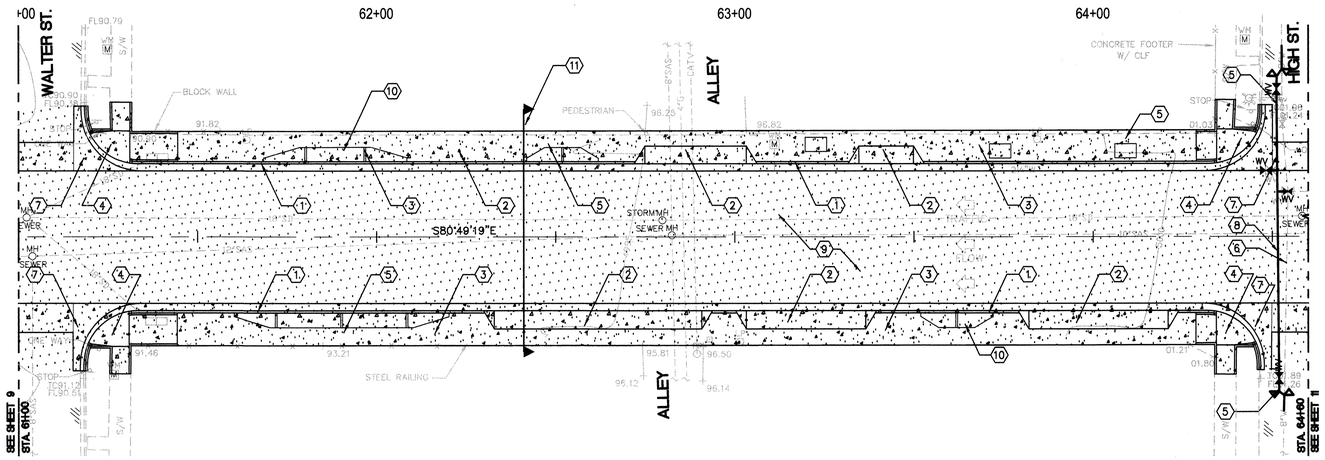
Design Review Committee — JUL 18 2002 — DESIGN REVIEW COMMITTEE
City Engineer Approval — APPROVED — JUL 18 2002 — CITY ENGINEER
Last Design Update — Mo./Day/Yr.

City Project No. 5851.91
Zone Map No. K-14-Z, K-15-Z
Sheet 9 Of 57

SCANNED BY MESA REPRO

JOB NO. 005-111-1208
FILE NAME: C:\PROJECTS\LEAD-IMPROVE\PROFILE-IMPROVE.DWG
DWG TIME: 06:36:PM
DATE: 06/03/02 - 01:25:02 pm

LEAD AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00



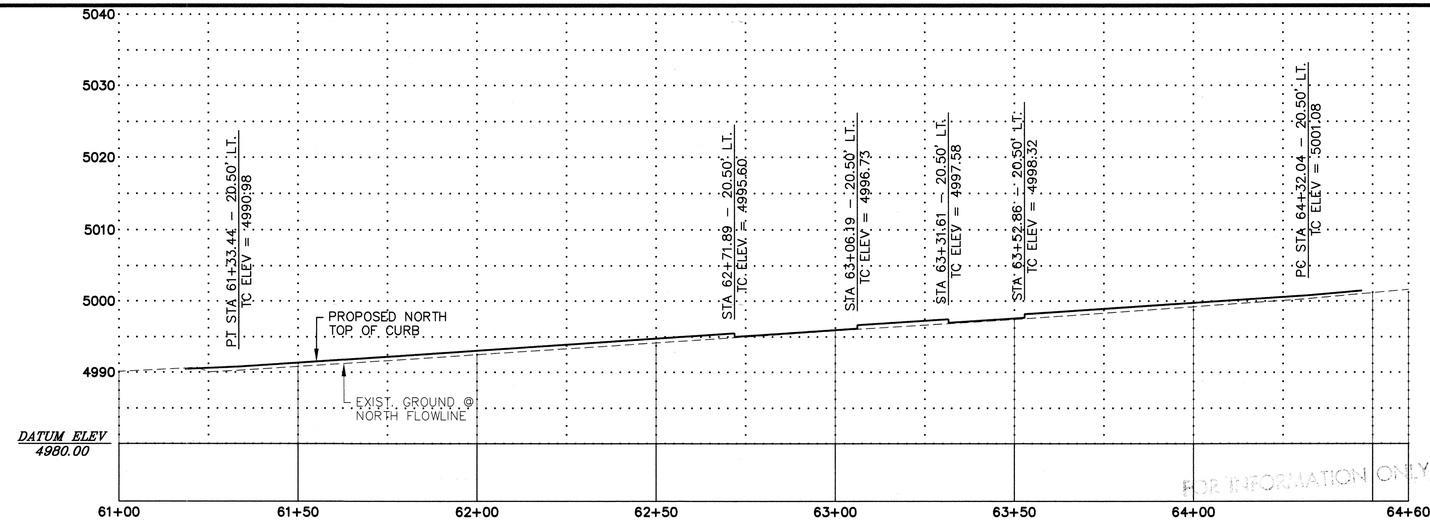
KEYED NOTES

1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'-10 1/2" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 13.
5. PROVIDE 3'-0" MIN CLEAR AT POINTS AND 4'-0" MIN AT OTHER OBSTRUCTIONS.
6. CUT AND CAP EXISTING WATERLINE. ABANDON IN PLACE.
7. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 13.
8. 8" WATERLINE REPLACEMENT, SEE SHEET 53
9. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
10. PLANTERS, SEE LANDSCAPE PLANS. TYP
11. SEE SHEET 54 FOR TYPICAL SECTION.

CONSTRUCTION NOTES

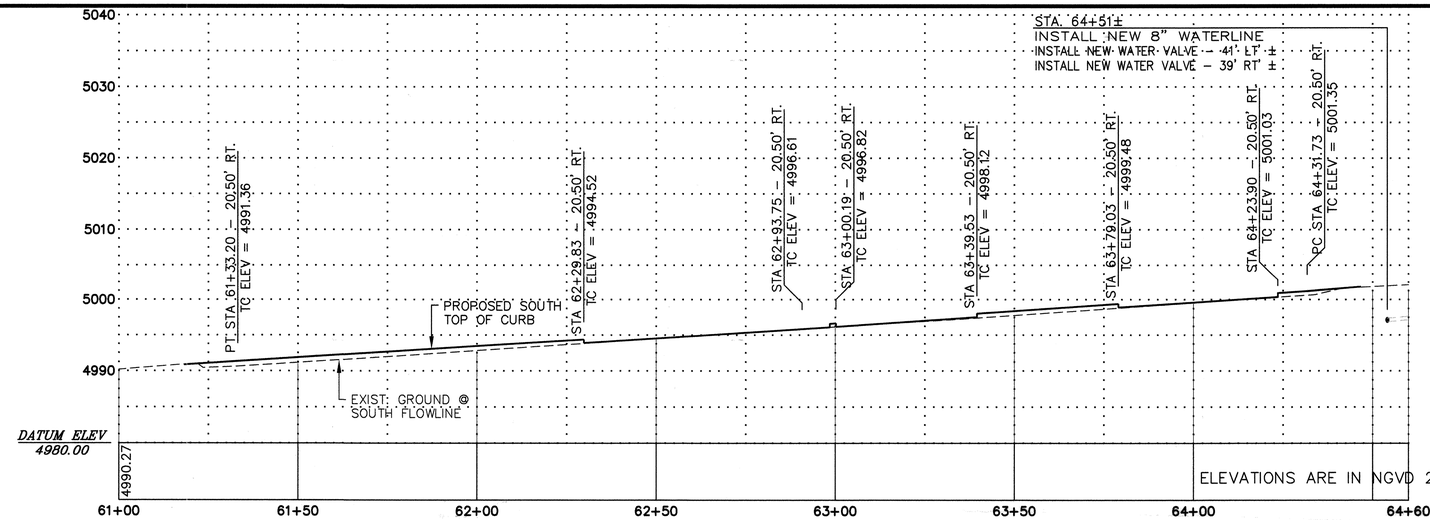
1. CURB CUTS ARE SHOWN WITH OPENING SIZE ONLY. TAPERS SHALL BE CONSTRUCTED PER COA STDS.

LEAD AVENUE
NORTH CURB PROFILE
STA. 61+00.00 - STA. 64+60.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

LEAD AVENUE
SOUTH CURB PROFILE
STA. 61+00.00 - STA. 64+60.00



ELEVATIONS ARE IN NGVD 29

SCALE :
1" = 20' HORIZ.
1" = 10' VERT

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 61+00.00 – STA. 64+60.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	10	57

AS BUILT INFORMATION

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

CONTRACTOR

	DATE
WORK STAKED BY	
WORK INSPECTED & ACCEPTANCE BY	
FIELD VERIFICATION BY	
DRAWINGS CORRECTED BY	
MICRO-FILM INFORMATION RECORDED BY	
NO.	

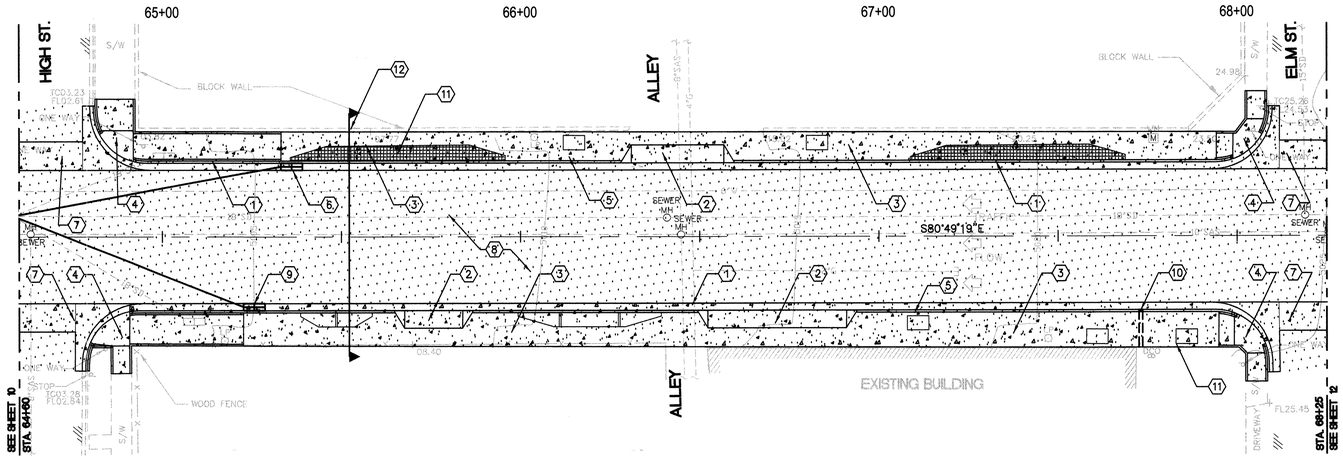
ENGINEER'S SEAL
DAVID R. GRIEVES NEW MEXICO 5127 REGISTERED PROFESSIONAL ENGINEER
STATE OF

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED D. GRIEVES	DATE 06/03/02
		DRAWN BY S. EDINGS	DATE 06/03/02
		CHECKED BY V. CHAVEZ	DATE 06/03/02

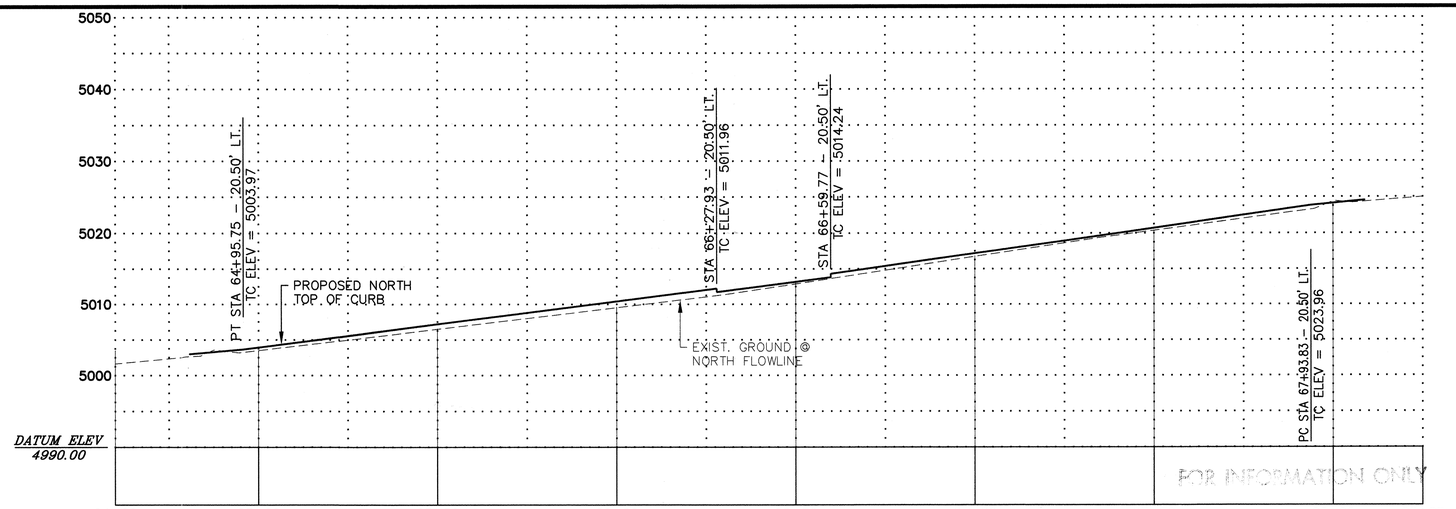
SCANNED BY MESA REPRO

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DRAWN BY: SE
REV: 06/15/01 PG---01-25-02 R

LEAD AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00

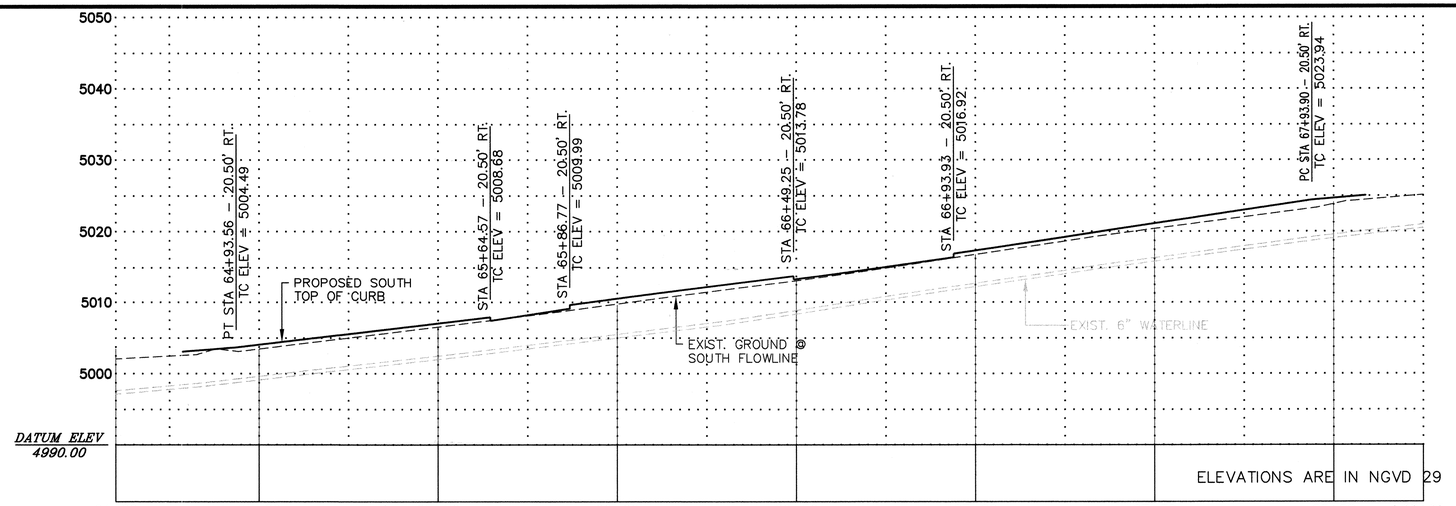


LEAD AVENUE
NORTH CURB PROFILE
STA. 64+60.00 - STA. 68+25.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

LEAD AVENUE
SOUTH CURB PROFILE
STA. 64+60.00 - STA. 68+25.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

KEYED NOTES

1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'-10½" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 13.
5. PROVIDE 3'-0" MIN CLEAR AT POINTS AND 4'-0" MIN AT OTHER OBSTRUCTIONS.
6. STA. 65+36.14 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE TG = 05.74 INV. W = 94.06
7. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 13.
8. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
9. STA. 65+25.59 – 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE TG = 05.71 INV. W = 93.91
10. STA. 67+73.09 – 20.50' RT. CONSTRUCT NEW SIDEWALK CULVERT PER COA STANDARD DRAWING 2236.
11. PLANTERS, SEE LANDSCAPE PLANS. TYP
12. SEE SHEET 54 FOR TYPICAL SECTION.

CONSTRUCTION NOTES

1. CURB CUTS ARE SHOWN WITH OPENING SIZE ONLY. TAPERS SHALL BE CONSTRUCTED PER COA STDS.

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTIONS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381974.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE
CHAVEZ-GRIEVES ENG. | 7/99

ENGINEER'S SEAL
DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 5127
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED	D. GRIEVES		DATE 06/03/02
DRAWN BY	S. EDINGS		DATE 06/03/02
CHECKED BY	V. CHAVEZ		DATE 06/03/02

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 64+60.00 – STA. 68+25.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

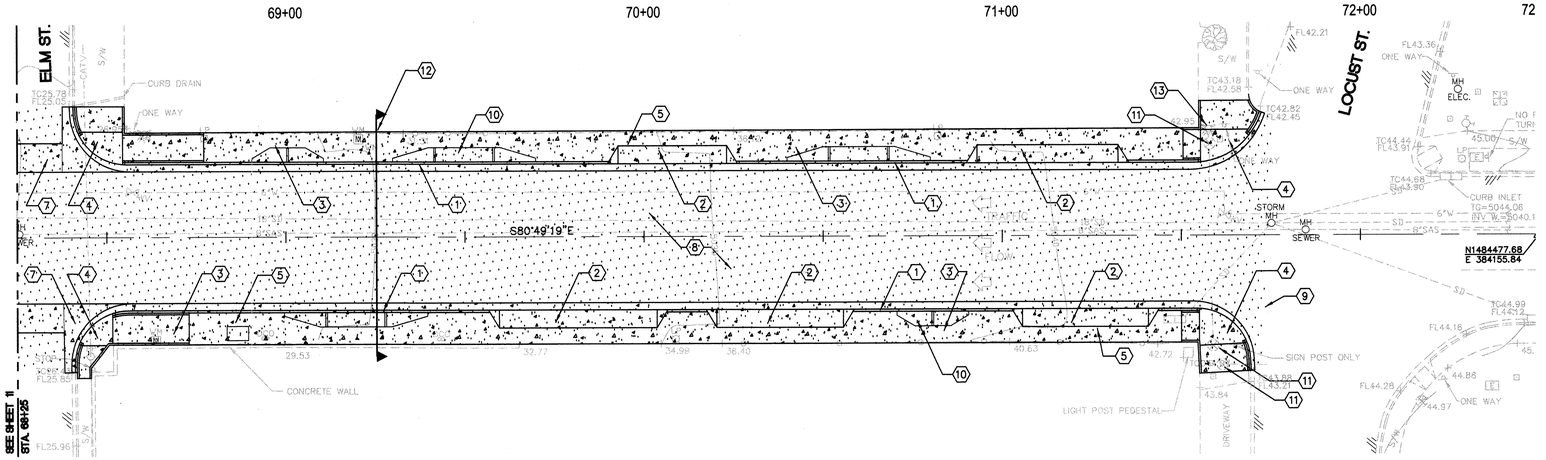
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	11	57

SCANNED BY
TESA REPRO

ADD DEL 003-111-2598
REVISED 07/2002 (LEAD-IMPROVE.ENH/DES1-IMPROVE.DWG)
DWG 07/2002 BY PW
REV 07/2002 PW 06-25-02

SCANNED BY
MESA REPRO

LEAD AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.05



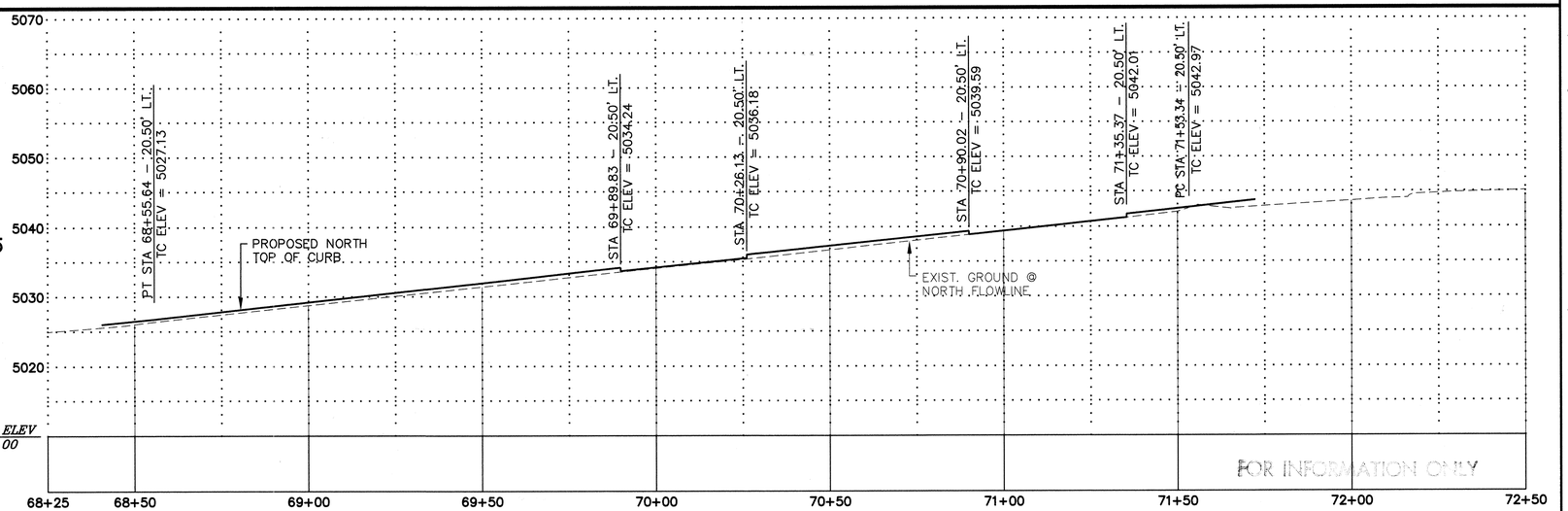
KEYED NOTES

1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'-10 1/2" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 13.
5. PROVIDE 3'-0" MIN CLEAR AT POINTS AND 4'-0" MIN AT OTHER OBSTRUCTIONS.
6. NOT USED.
7. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 13.
8. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
9. END ASPHALT MILL & OVERLAY. MATCH EXISTING PAVEMENT.
10. PLANTERS, SEE LANDSCAPE PLANS. TYP
11. EXISTING CROSS SIGNALS/FLASHERS TO REMAIN. DIRECT ANY QUERIES ON TRAFFIC CONTROL & SIGNALIZATION TO COA TRAFFIC ENGINEER, WHO SHALL DIRECT CONTRACTOR.
12. SEE SHEET 54 FOR TYPICAL SECTION.
13. ROTATE HYDRANT 90° TO PROVIDE 3'-0" MINIMUM CLEARANCE.

CONSTRUCTION NOTES

1. CURB CUTS ARE SHOWN WITH OPENING SIZE ONLY. TAPERS SHALL BE CONSTRUCTED PER COA STDS.

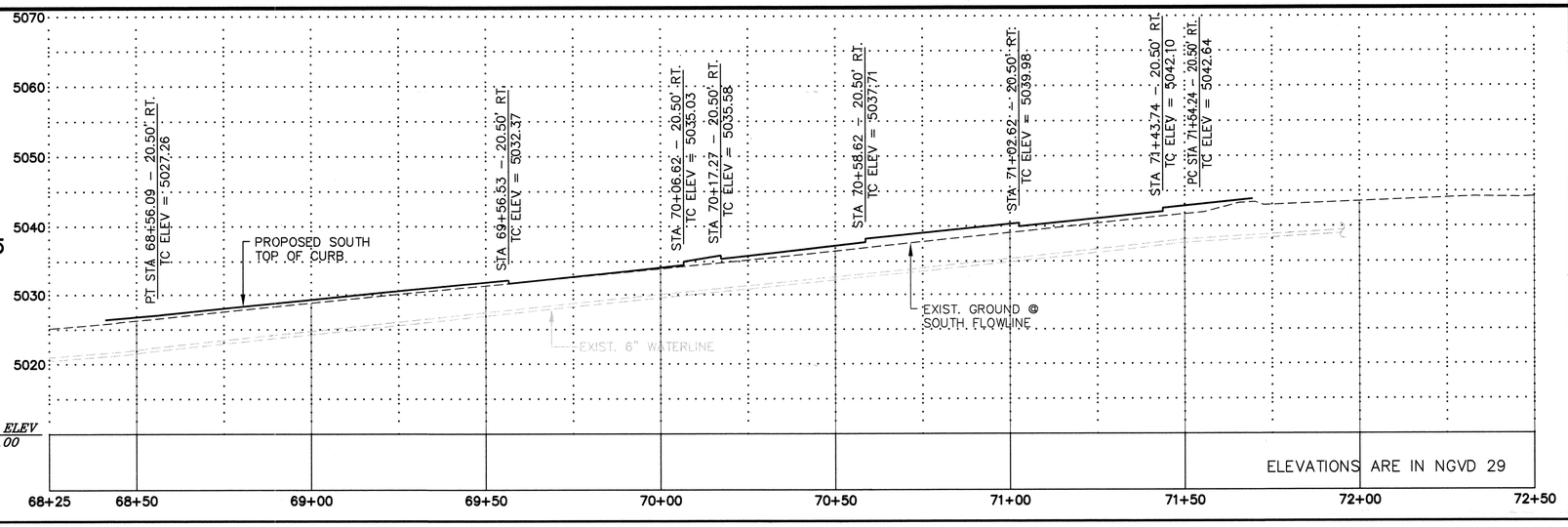
LEAD AVENUE
NORTH CURB PROFILE
STA. 68+25.00 - STA. 71+73.05



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

FOR INFORMATION ONLY

LEAD AVENUE
SOUTH CURB PROFILE
STA. 68+25.00 - STA. 71+73.05



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

ELEVATIONS ARE IN NGVD 29

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
CONSTRUCTION WORKS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL
DAVID N. GRIEVES — STATE OF NEW MEXICO — NO. 6127 — REGISTERED PROFESSIONAL ENGINEER
2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED D. GRIEVES	DATE 06/03/02
		DRAWN BY S. EDINGS	DATE 06/03/02
		CHECKED BY V. CHAVEZ	DATE 06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

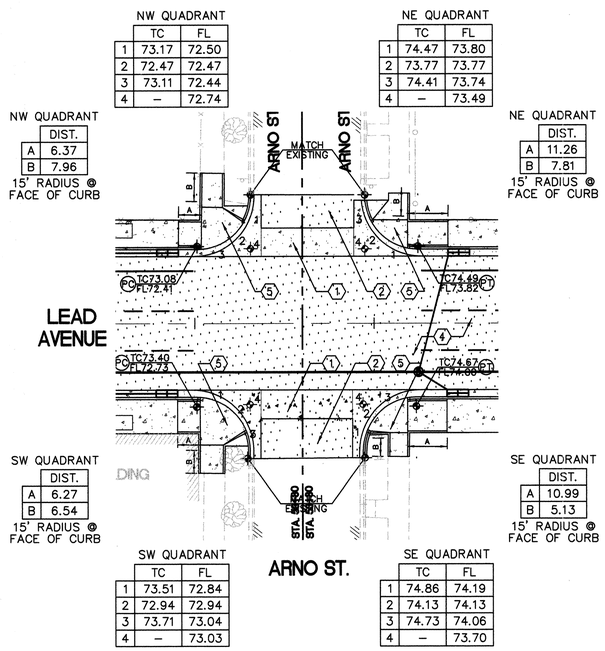
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

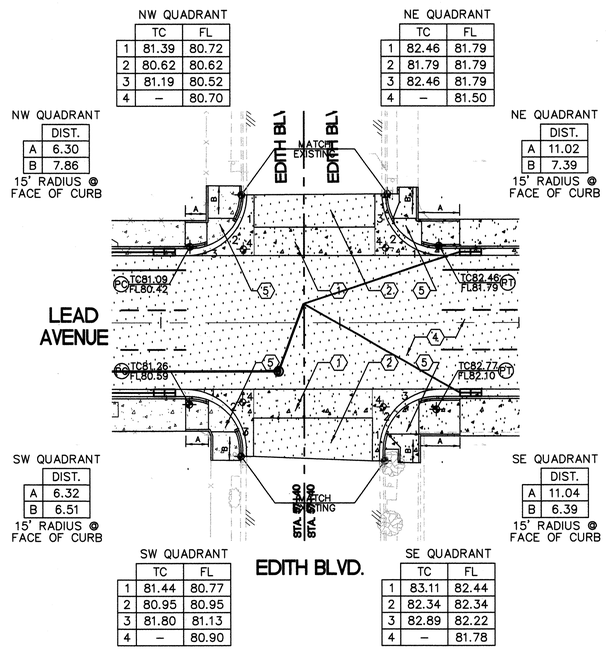
TITLE: LEAD AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 68+25.00 - STA. 71+73.05

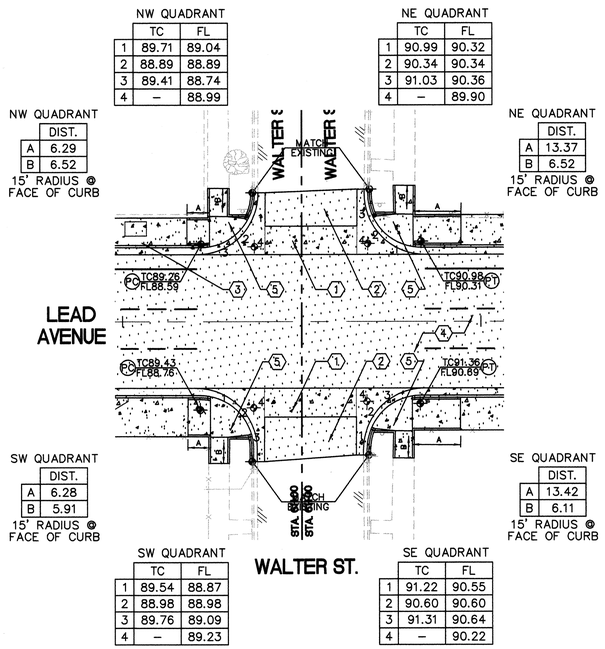
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	12	57

JOB NO.: 023-111-0188
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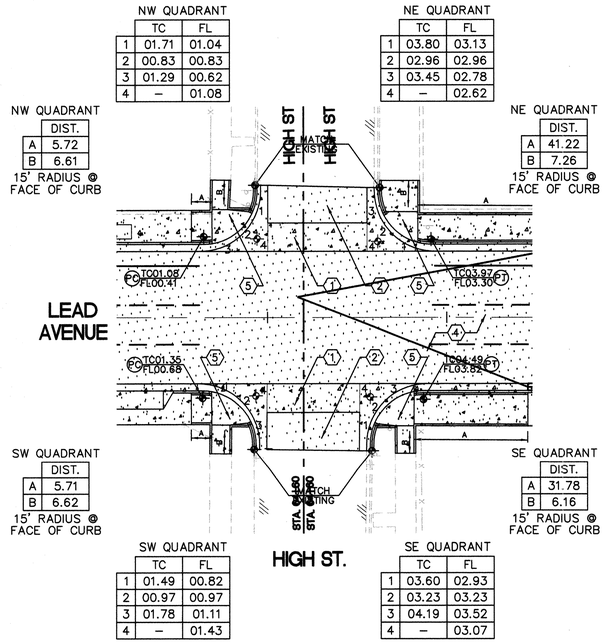


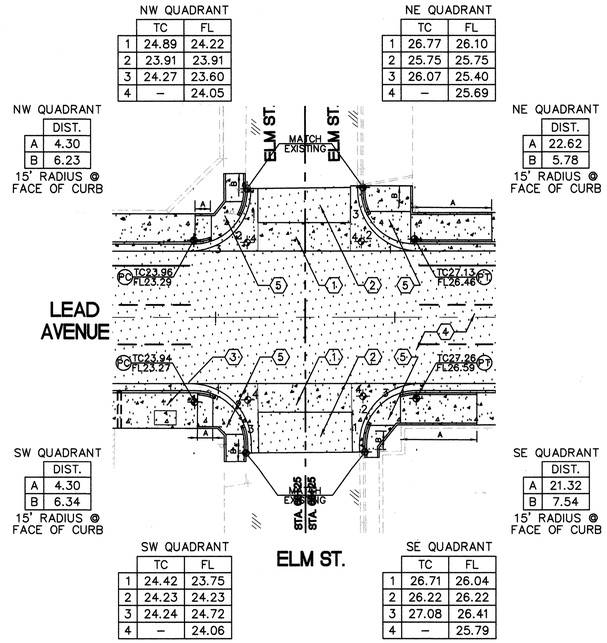


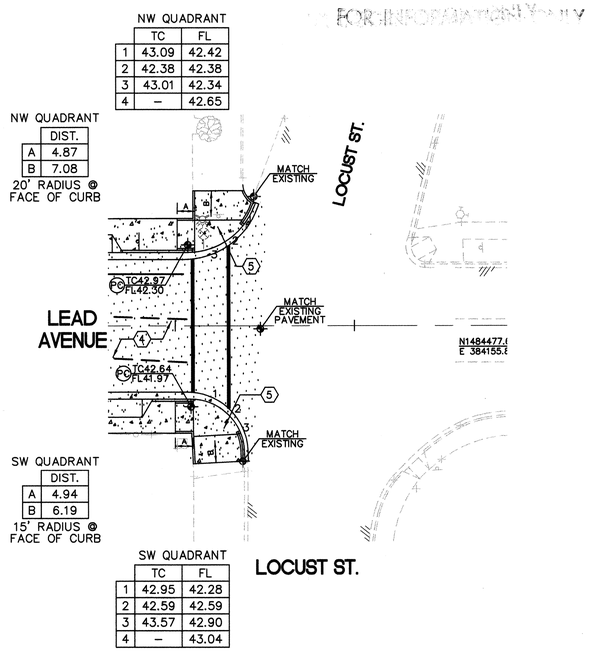


KEYED NOTES

1. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420.
2. NEW RESIDENTIAL ASPHALT PAVEMENT PER COA STANDARD DRAWING 2405. SAWCUT EXISTING PAVEMENT AT CURB RETURNS AND MATCH NEW PAVEMENT TO EXISTING.
3. PROVIDE 3'–0" MIN CLEAR AT POINTS AND 4'–0" MIN AT OTHER OBSTRUCTIONS.
4. 1–½" ASPHALT PAVEMENT MILL & OVERLAY.
5. HANDICAP ACCESS RAMP, SEE DETAIL SHEET 53.







ELEVATIONS ARE IN NGVD 29

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE: (505) 344-4080 • FAX: (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD AVENUE IMPROVEMENTS
INTERSECTION PLANS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
JUL 18 2002 DESIGN REVIEW COMMITTEE	JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	13	57

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY DATE
WORK ACCEPTED BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27). IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

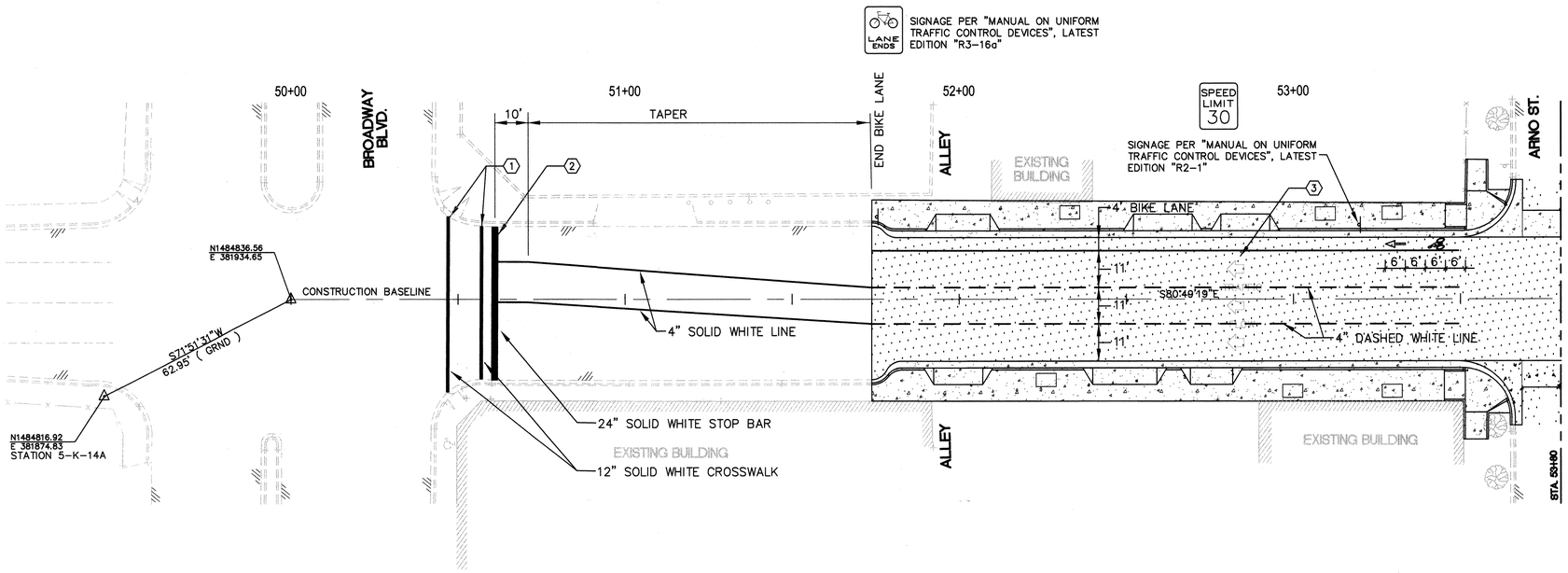
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE
CHAVEZ-GRIEVES ENG.

ENGINEER'S SEAL
DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6127
REGISTERED PROFESSIONAL ENGINEER
June 5, 2002

REMARKS
REVISIONS
DESIGN
NO. DATE BY
DESIGNED D. GRIEVES DATE 06/03/02
DRAWN BY S. EDINGS DATE 06/03/02
CHECKED BY V. CHAVEZ DATE 06/03/02

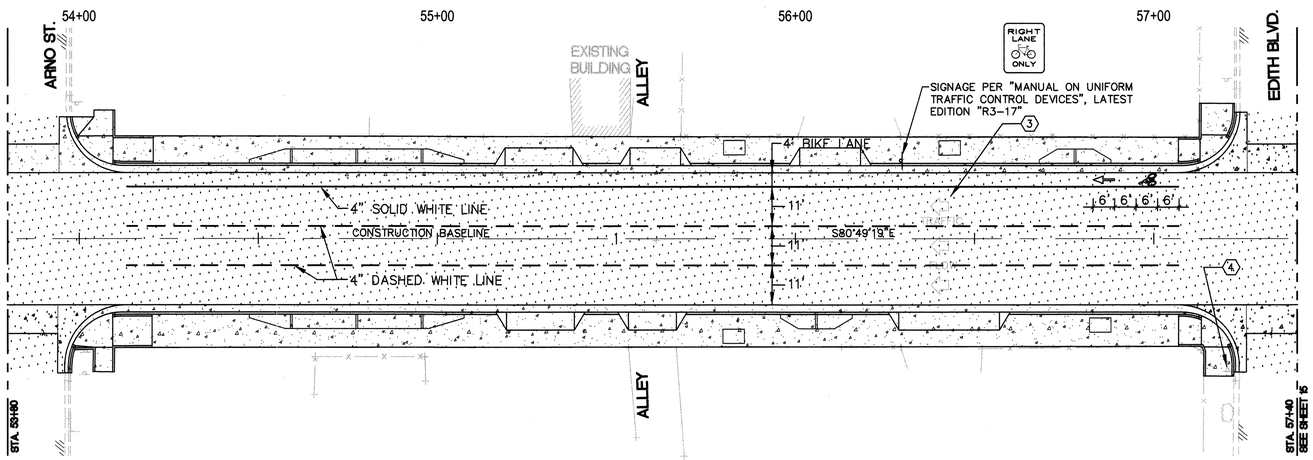
SCANNED BY MESA REPRO

JOB NO. 5851.91 (LEAD AVENUE)
DES'N SURVEY
DRAWN BY
CHECKED BY
DATE 06-25-02



LEAD AVENUE (60' R/W)
STA. 50+00.00 - STA. 53+80.00

FOR INFORMATION ONLY



LEAD AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00

ELEVATIONS ARE IN NGVD 29

KEYED NOTES

1. CROSSWALKS SHALL BE MEASURED 10' FROM INSIDE EDGE TO INSIDE EDGE OF STRIPE.
2. STOP BARS SHALL BE OFFSET 4' FROM CROSSWALKS.
3. FLOW ARROWS ARE SHOWN FOR REFERENCE ONLY DO NOT CONSTRUCT.
4. EXISTING STOP SIGN. TYP
5. LAYOUT OF STRIPING AS PER PLANS. PRIOR TO FINAL MARKINGS, MEET WITH CITY TRAFFIC ENGINEER TO CONFIRM LOCATION.

AS BUILT INFORMATION

CONTRACTOR

	DATE
WORK STAKED BY	
INSPECTED BY	
ACCEPTANCE BY	
FIELD LOCATION BY	
DRAWINGS CORRECTED BY	

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"

LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.

GEOGRAPHIC POSITION (NAD 27), IN FEET

NM STATE PLANE COORDINATES (CENTRAL ZONE)

X = 381874.83 Y = 1484816.92

ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL

DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6127
REGISTERED PROFESSIONAL ENGINEER

June 3, 2002

GRAPHIC SCALE

0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

NO.	DATE	REMARKS
		REVISIONS
		DESIGN
	06/03/02	DESIGNED D. GRIEVES
	06/03/02	DRAWN BY S. EDINGS
	06/03/02	CHECKED BY V. CHAVEZ

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

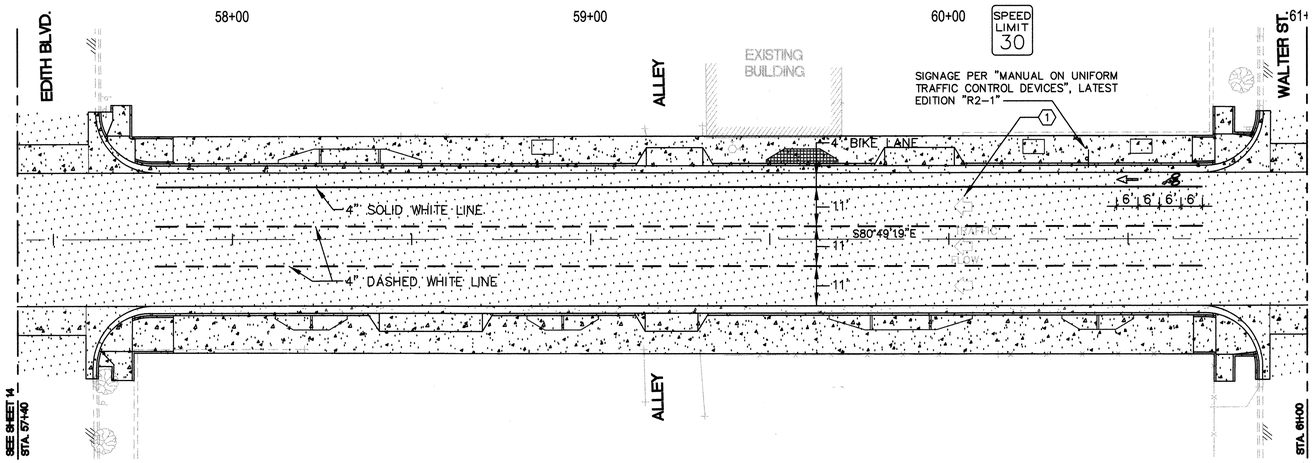
TITLE: LEAD AVENUE IMPROVEMENTS
STRIPING PLAN
STA. 50+00.00 – STA. 57+40.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	14	57

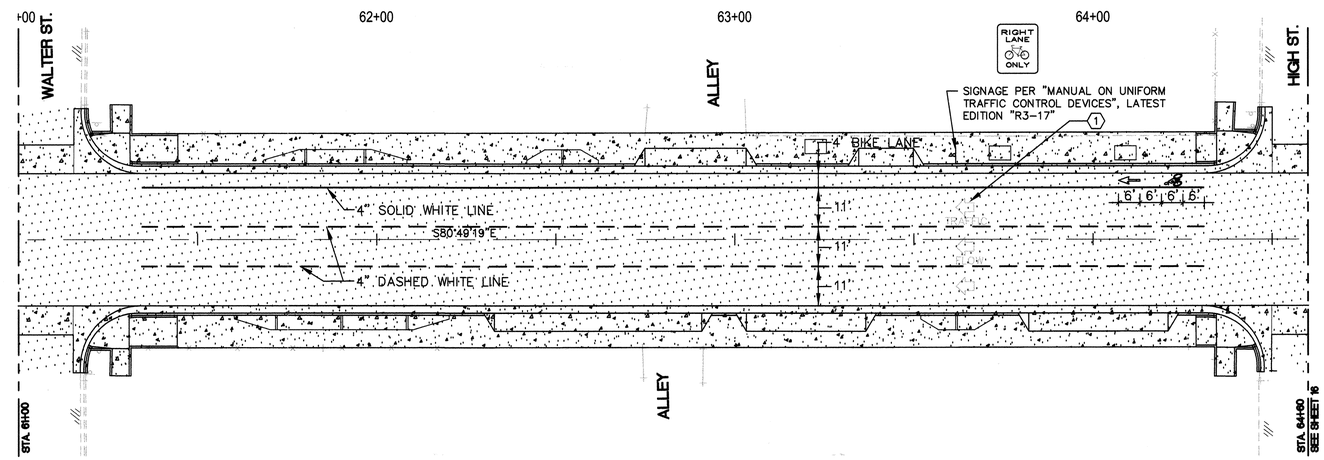
SCANNED BY MESA REPRO

JOB NO. 033-111-2005
DRAWING NO. S:\DWG\LEAD-STRIPE.DWG(RED1.XMP/ROVE.DWG)
ENG/DATE: BY/DATE
APPROVED: BY/DATE



LEAD AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00

FOR INFORMATION ONLY



LEAD AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00

ELEVATIONS ARE IN NGVD 29

KEYED NOTES

1. FLOW ARROWS ARE SHOWN FOR REFERENCE ONLY DO NOT CONSTRUCT.
2. LAYOUT OF STRIPING AS PER PLANS. PRIOR TO FINAL MARKINGS, MEET WITH CITY TRAFFIC ENGINEER TO CONFIRM LOCATION.

GRAPHIC SCALE

0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

AS BUILT INFORMATION

CONTRACTOR

WORK STARTED BY / DATE
INSPECTED BY / DATE
ACCEPTANCE BY / DATE
VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE

MICRO-FILM INFORMATION

RECORDED BY / DATE
NO.

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27). IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1494816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL

DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6127
REGISTERED PROFESSIONAL ENGINEER
June 6, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
	06/03/02	DESIGNED D. GRIEVES	
	06/03/02	DRAWN BY S. EDINGS	
	06/03/02	CHECKED BY V. CHAVEZ	

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

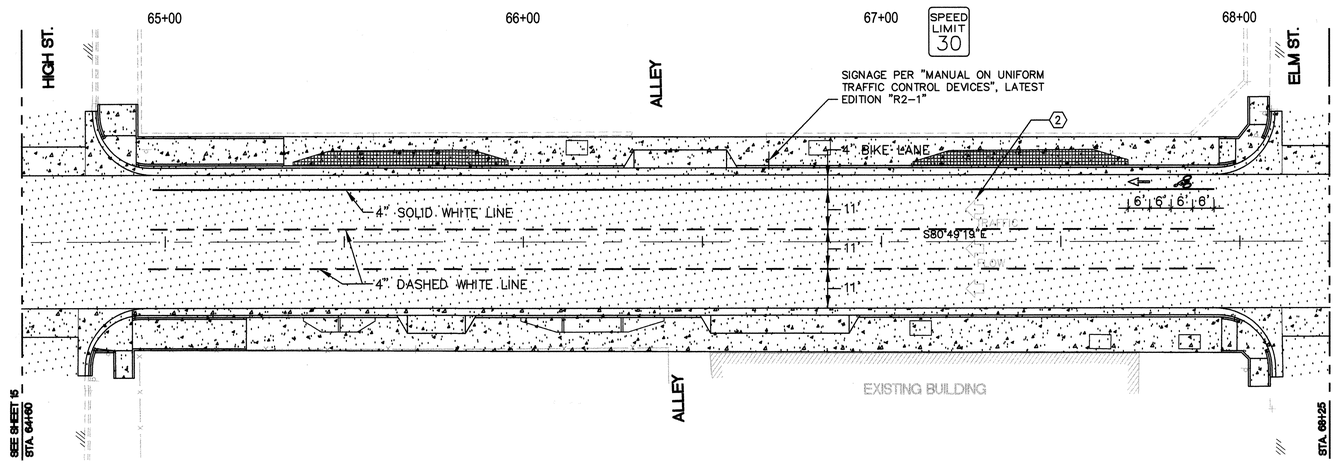
TITLE: LEAD AVENUE IMPROVEMENTS
STRIPING PLAN
STA. 57+40.00 – STA. 64+60.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	15	57

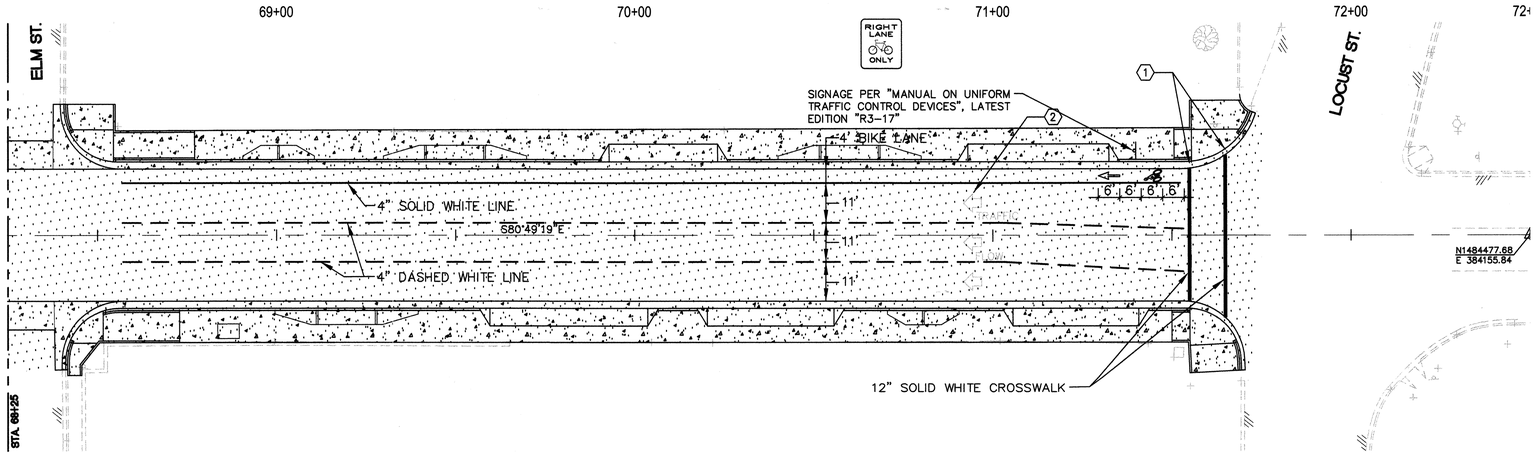
SCANNED BY
MESA REPRO

JOB NO. 5851.111-2000
DRAWING NAME: LEAD-STRIPE(MARKED)-IMPROVE.DWG
ENG. TECH. JP
DATE: 06/03/02 PC-01-25-02 R



LEAD AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00

FOR INFORMATION ONLY



LEAD AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.05

ELEVATIONS ARE IN NGVD 29

KEYED NOTES

1. CROSSWALKS SHALL BE MEASURED 10' FROM INSIDE EDGE TO INSIDE EDGE OF STRIPE.
2. FLOW ARROWS ARE SHOWN FOR REFERENCE ONLY DO NOT CONSTRUCT.
3. LAYOUT OF STRIPING AS PER PLANS. PRIOR TO FINAL MARKINGS, MEET WITH CITY TRAFFIC ENGINEER TO CONFIRM LOCATION.

AS BUILT INFORMATION

CONTRACTOR
WORK STARTED BY — DATE
WORK COMPLETED — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
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GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE
CHAVEZ-GRIEVES ENG. 7/99

ENGINEER'S SEAL
DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 6127 — REGISTERED PROFESSIONAL ENGINEER

NORTH

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	D. GRIEVES — DATE 06/03/02
		DRAWN BY	S. EDINGS — DATE 06/03/02
		CHECKED BY	V. CHAVEZ — DATE 06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD AVENUE IMPROVEMENTS
STRIPING PLAN
STA. 64+60.00 - STA. 71+73.05

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	16	57

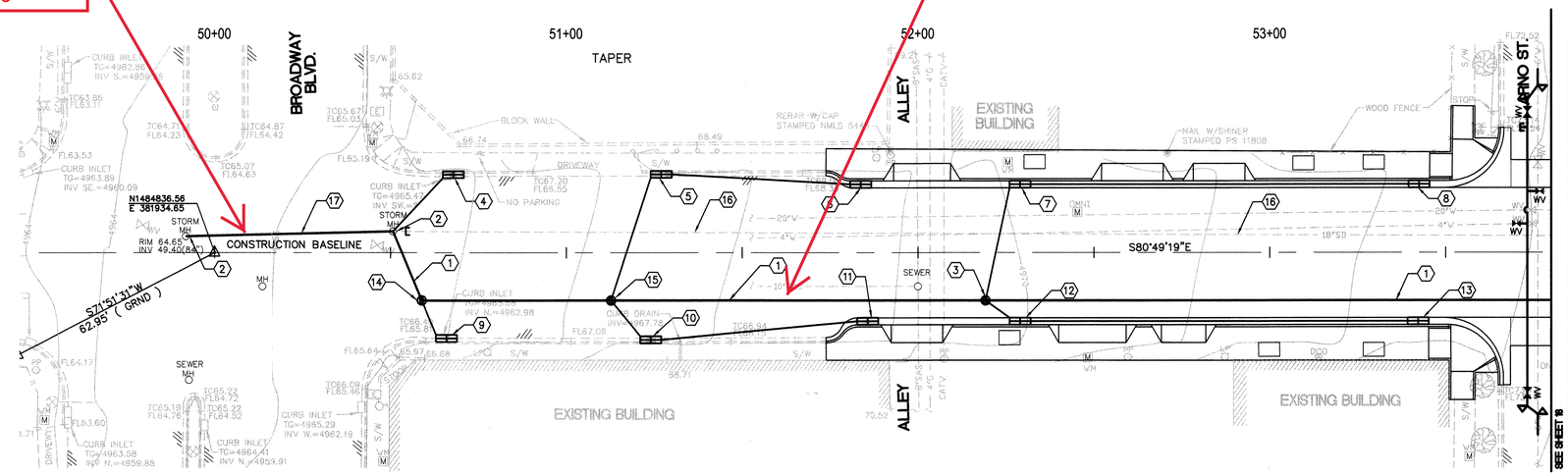
SCANNED BY MESA REPRO

JOB NO. 023-111-2005
DRAWING NO. C:\ACAD\LEAD\LEAD-STRIPE.DWG(KEYED IMPROVE.DWG)
DATE 06/03/02 9:39:01 AM

SCANNED BY
MESA REPRO

K14462-K14461-D
AS-BUILT DIA: 36"

K14471-K14462-D
AS-BUILT DIA: 36"

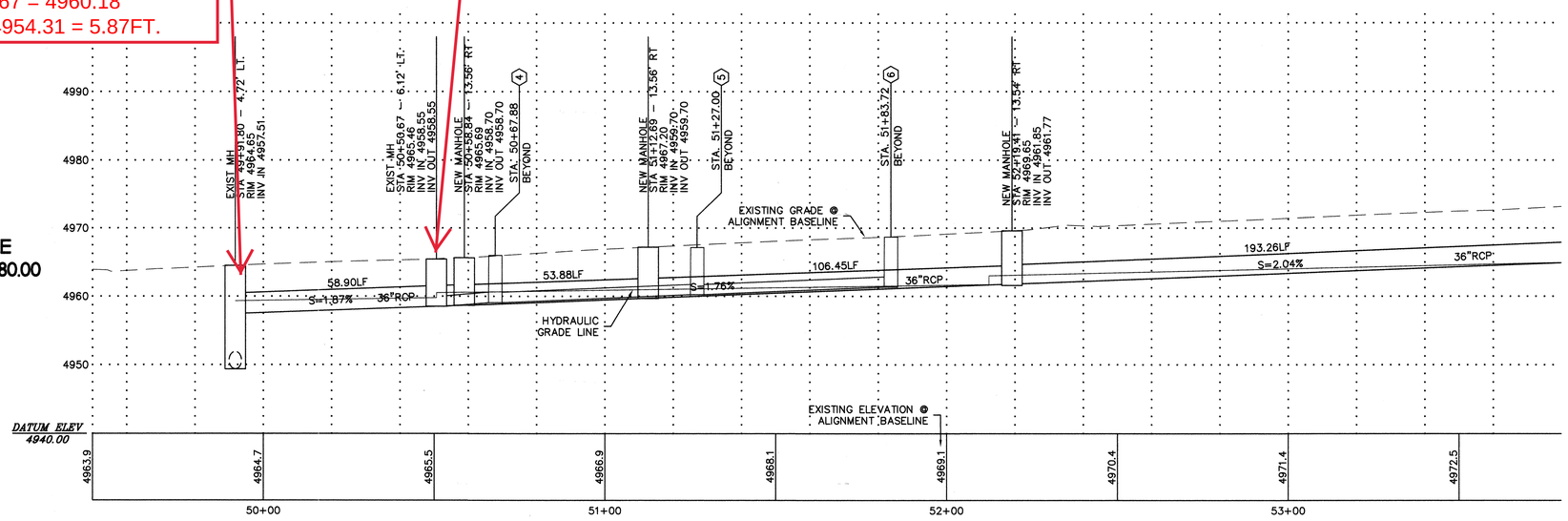


LEAD AVENUE (60' R/W)
STORM DRAIN PLAN
STA. 49+50.00 - STA. 53+80.00

K14461-D
AS-BUILT MH: FROM HIGHLAND STORM SEWERS (1938) = 4954.31 (NAVD88)
DATUM: 4957.51+ 2.67 = 4960.18
OFFSET = 4960.18-4954.31 = 5.87FT.

K14462-D
DATUM: 4958.55+2.67=4961.22

FOR INFORMATION ONLY



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

ELEVATIONS ARE IN NGVD 29

KEYED NOTES

1. INSTALL 36" CLASS III RCP.
2. CONNECT NEW STORM DRAIN TO EXISTING MANHOLE.
3. STA. 52+19.14 – 13.54' RT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.
4. STA. 50+67.88 – 23.30' LT. REMOVE AND REPLACE TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = MATCH EXISTING FLOWLINE INV. S = 59.01
5. STA. 51+27.00 – 23.38' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = MATCH EXISTING FLOWLINE INV. S = 60.19
6. STA. 51+83.72 – 20.50' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 68.71 INV. S = 61.32
7. STA. 52+29.00 – 20.50' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 69.73 INV. S = 61.91
8. STA. 53+42.42 – 20.50' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 72.23 INV. S = 64.18
9. STA. 50+65.89 – 25.30' RT. REMOVE AND REPLACE TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = MATCH EXISTING FLOWLINE INV. S = 59.21
10. STA. 51+23.98 – 25.71' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = MATCH EXISTING FLOWLINE INV. S = 60.37
11. STA. 51+85.68 – 20.50' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 68.89 INV. S = 61.60
12. STA. 52+29.00 – 20.50' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 69.88 INV. S = 62.07
13. STA. 53+42.17 – 20.50' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 72.54 INV. S = 64.33
14. STA. 50+58.84 – 13.56' RT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.
15. STA. 51+12.69 – 13.56' RT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.
16. CAP AND FILL EXISTING 18" STORM DRAIN.
17. REMOVE EXISTING 18" STORM DRAIN. INSTALL NEW 36" CLASS III RCP.

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY — DATE
WORK ACCEPTANCE BY — DATE
VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE
CHAVEZ-GRIEVES ENG. | 7/99

ENGINEER'S SEAL
DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6127
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED D. GRIEVES	DATE 06/03/02
		DRAWN BY S. EDINGS	DATE 06/03/02
		CHECKED BY V. CHAVEZ	DATE 06/03/02

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD AVENUE IMPROVEMENTS
STORM DRAIN PLAN AND PROFILE
STA. 49+50.00 – STA. 53+80.00

Design Review Committee: APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 18 2002 CITY ENGINEER
Last Design Update — Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5851.91
Zone Map No. K-14-Z, K-15-Z
Sheet 17 Of 57

AS BUILT DRAWING
DRAWING NO. C-03-111-2148
CONTRACT NO. 5851.91 (LEAD-STORM-PAP DWG\PDF\ IMPROVE.DWG)
PW/DRN. BY PW/DD
PW/CHK. BY PW/DD
PW/APP. BY 05-02 R

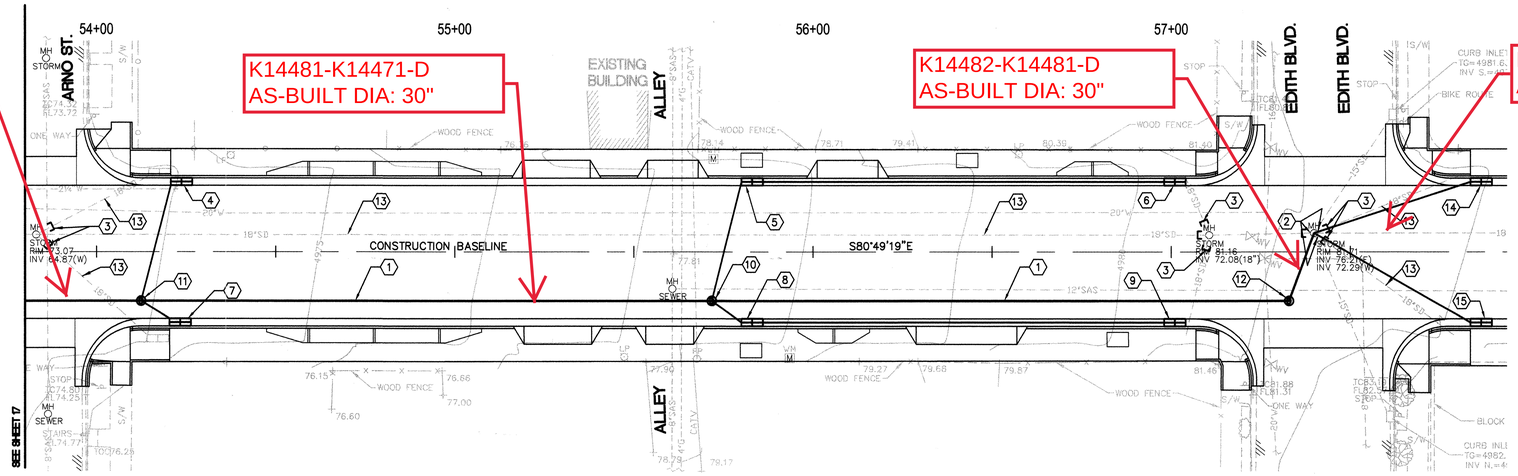
SCANNED BY
MESA REPRO

K14471-K14462-D
AS-BUILT DIA: 36"

K14481-K14471-D
AS-BUILT DIA: 30"

K14482-K14481-D
AS-BUILT DIA: 30"

K14483-K14482-D
AS-BUILT DIA: 18"



LEAD AVENUE (60' R/W)
STORM DRAIN PLAN
STA. 53+80.00 - STA. 57+40.00

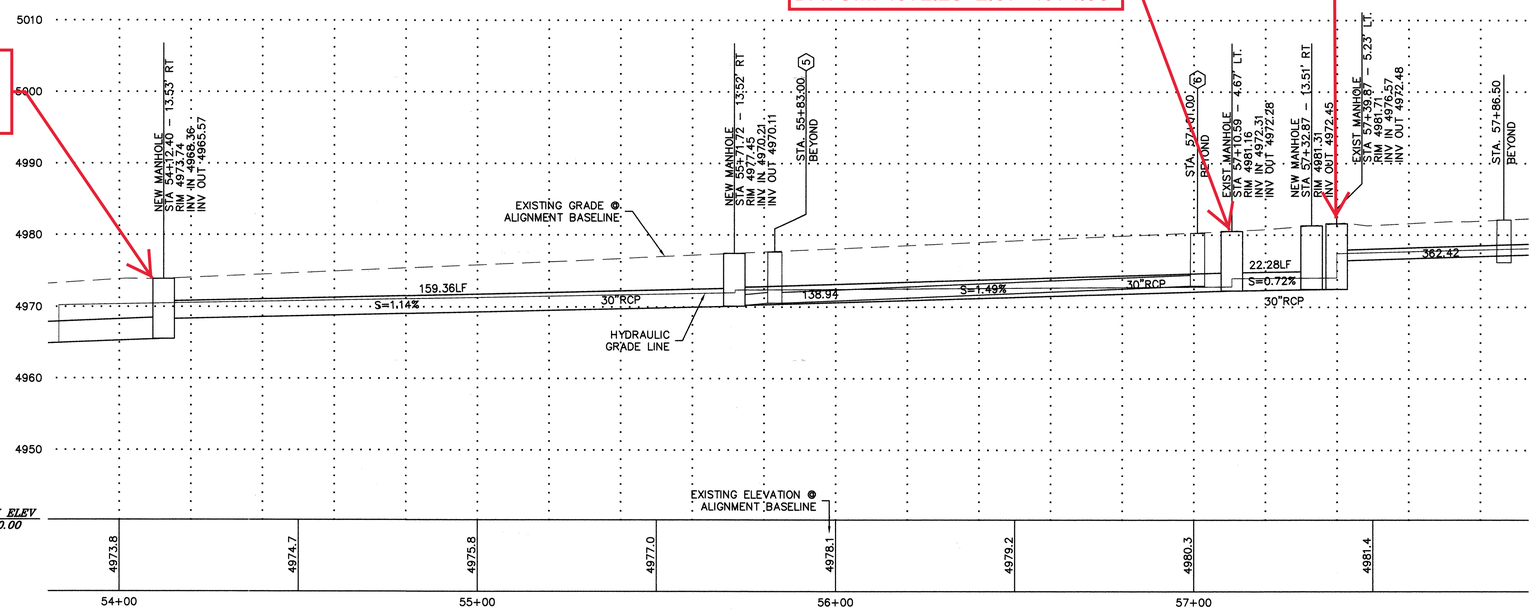
KEYED NOTES

1. INSTALL 30" CLASS III RCP.
2. CONNECT NEW STORM DRAIN TO EXISTING MANHOLE.
3. CAP EXISTING 18" INLET LINES.
4. STA. 54+23.68 – 20.50' LT. REMOVE AND LET WITH A STANDARD INV. S = 68.71
5. STA. 55+83.00 – 20.50' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 77.65 INV. S = 70.56
6. STA. 57+01.00 – 20.50' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 80.27 INV. S = 72.92
7. STA. 54+23.33 – 20.50' RT. REMOVE AND REPLACE TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 74.26 INV. S = 68.41
8. STA. 55+83.00 – 20.50' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 77.77 INV. S = 70.72
9. STA. 57+01.00 – 20.50' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 80.44 INV. S = 73.08
10. STA. 55+71.72 – 13.52' RT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.
11. STA. 54+12.40 – 13.53' RT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.
12. STA. 57+32.87 – 13.51' RT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.
13. CAP AND FILL EXISTING 18" STORM DRAIN.
14. STA. 57+86.50 – 18.50' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 81.79 INV. S = 76.97
15. STA. 57+86.50 – 18.50' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 82.10 INV. S = 76.97

K14471-D
DATUM: 4965.57+2.67=4968.24
OFFSET = 2.79FT.

K14481-D
DATUM: 4972.28+2.67=4974.95

K14482-D
DATUM: 4972.48+2.67=4975.15
OFFSET = 4.09FT.



LEAD AVENUE
STORM DRAIN PROFILE
STA. 53+80.00 - STA. 57+40.00

SCALE :
1" = 20' HORIZ.
1" = 10' VERT

ELEVATIONS ARE IN NGVD 29

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL
PATRICK D. GRIEVES
STATE OF NEW MEXICO
NO. 6122
REGISTERED PROFESSIONAL ENGINEER

NO.	REMARKS	DATE	DESIGNED	D. GRIEVES	DATE 06/03/02
	REVISIONS		DRAWN BY	S. EDINGS	DATE 06/03/02
	DESIGN		CHECKED BY	V. CHAVEZ	DATE 06/03/02

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

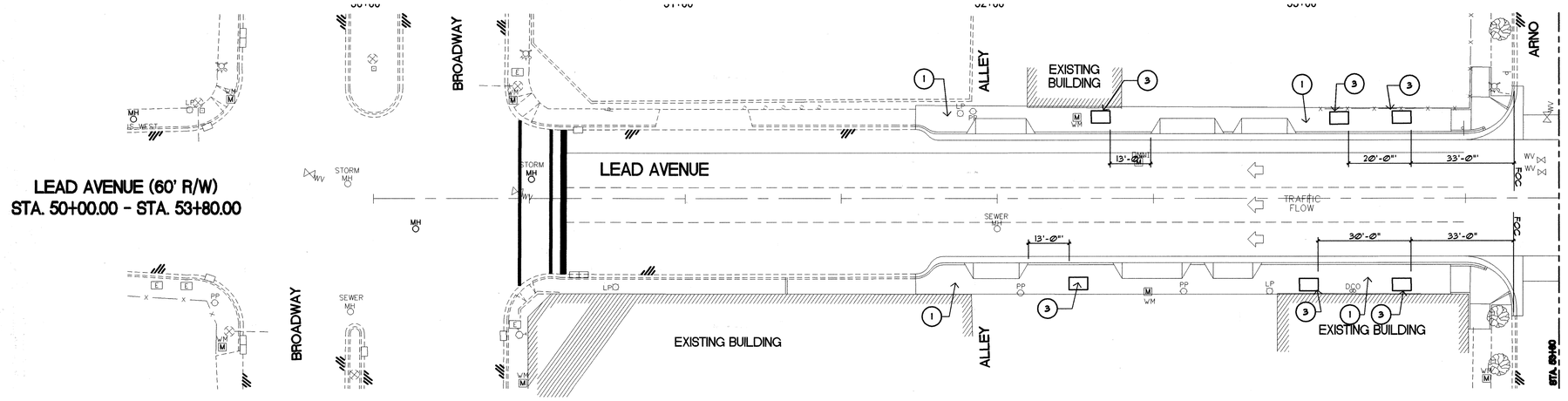
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

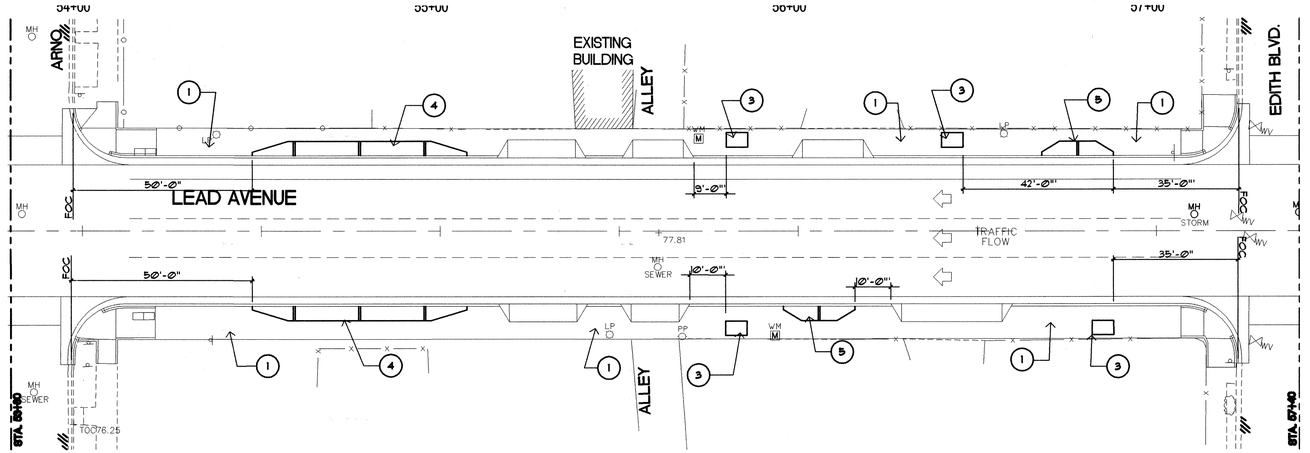
TITLE: LEAD AVENUE IMPROVEMENTS
STORM DRAIN PLAN AND PROFILE
STA. 53+80.00 – STA. 57+40.00

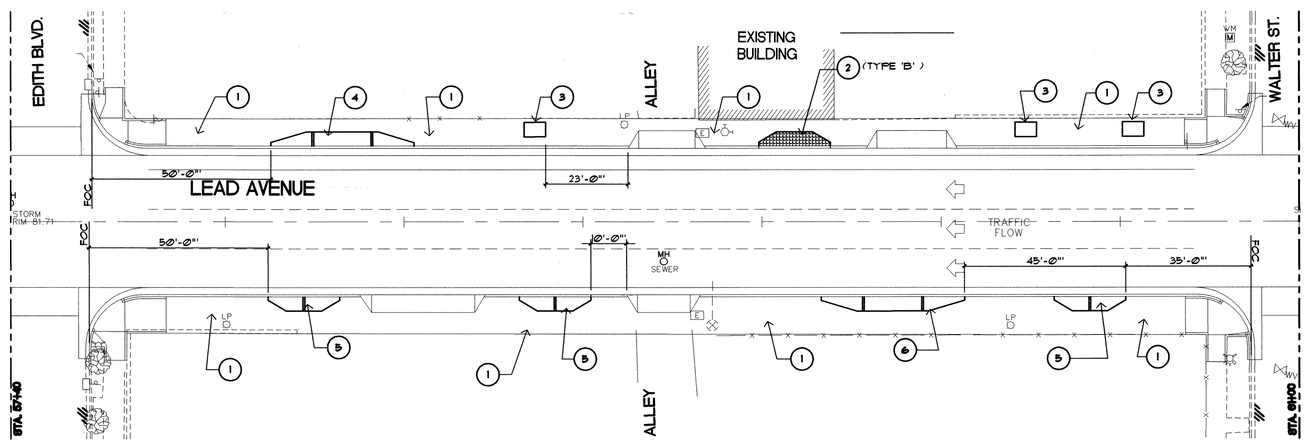
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	18	57

JOB NO. 023-111-0198
DRAWING NO. C:\PROJECTS\LEAD\LEAD-STORM-PLAN (PROPOSED IMPROVE).DWG
DATE PLOTTED: 06/03/02
DATE PLOTTED: 06/03/02







CONSTRUCTION KEYED NOTES

1. CONCRETE SIDEWALK. SEE CIVIL.
2. FURNISH AND INSTALL CONCRETE PAVERS. DIMENSIONS SHALL BE PER DIMENSIONS FOR PLANTER 'A', 'B', OR 'C' AS NOTED ON PLANS. REFERENCE DETAIL A/55.
3. FURNISH AND INSTALL CAST CONCRETE TREE GRATE. REFERENCE DETAIL C/55.
4. CONSTRUCT TYPE 'A' PLANTER REFERENCE DETAIL D/55 AND TYPICAL PLANTER SECTION B/55.
5. CONSTRUCT TYPE 'B' PLANTER. REFERENCE DETAIL E/55 AND TYPICAL PLANTER SECTION B/55.
6. CONSTRUCT TYPE 'C' PLANTER. REFERENCE DETAIL F/55 AND TYPICAL PLANTER SECTION B/55.

GENERAL NOTE

THE CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT WILL BE RESPONSIBLE FOR MAINTAINING LANDSCAPE IMPROVEMENTS.

ELEVATIONS ARE IN NGVD 29

FOR INFORMATION ONLY

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS

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X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTION & ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

ENGINEER'S SEAL

STATE OF NEW MEXICO — BENJAMIN C. REARDON — No. 28 — REGISTERED LANDSCAPE ARCHITECT
June 3, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	BHM
		DRAWN BY	KR/VW
		CHECKED BY	DCW

DATE 5/17/02 | DATE 5/17/02 | DATE 5/17/02

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
216 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9657
mrw@mrwnm.com

0 10 20 40 60
SCALE: 1" = 20'

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 - FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LEAD AVENUE IMPROVEMENTS
LANDSCAPE CONSTRUCTION LAYOUT
STA. 50+00.00 – STA. 61+00.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

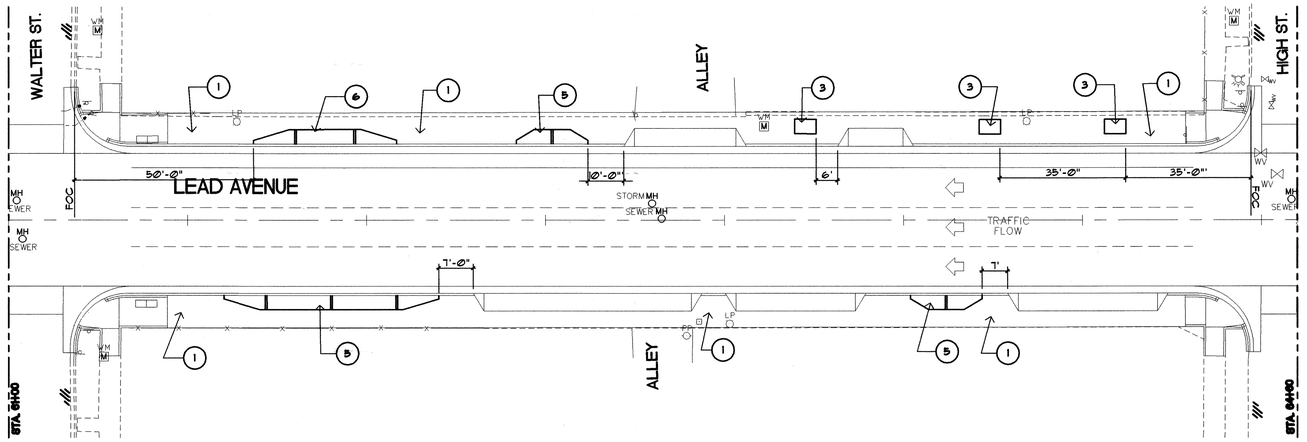
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	19	57

SCANNED BY MESA REPRO

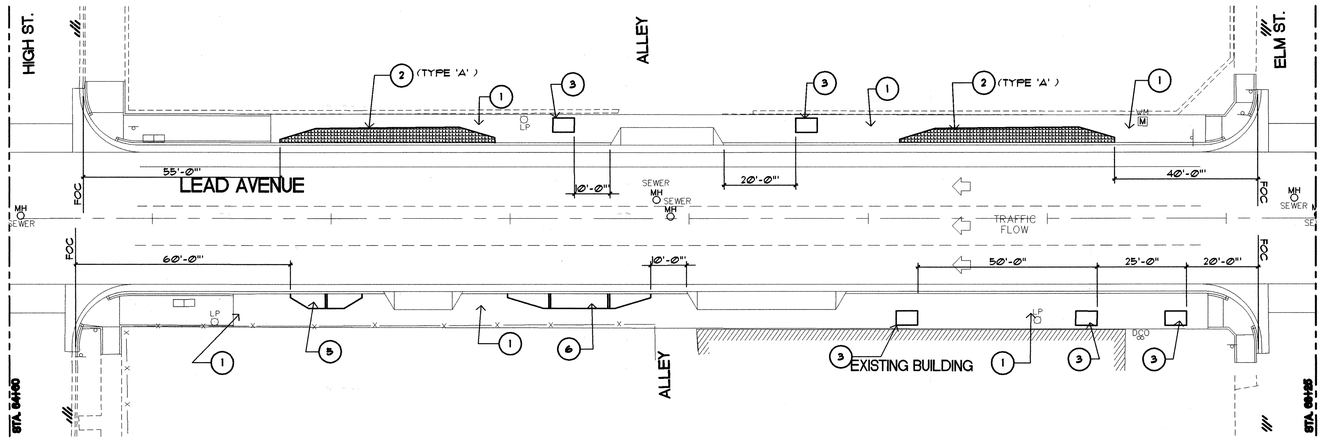
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REV: 05/31/01 PS
REV: 06/01/01 PS

NAME: I20\LEADCST.DWG DATE: MAY 31, 2002 PLOT 1:1 SHEET1A BASE REVISION: 6-11-01 VW/RHT

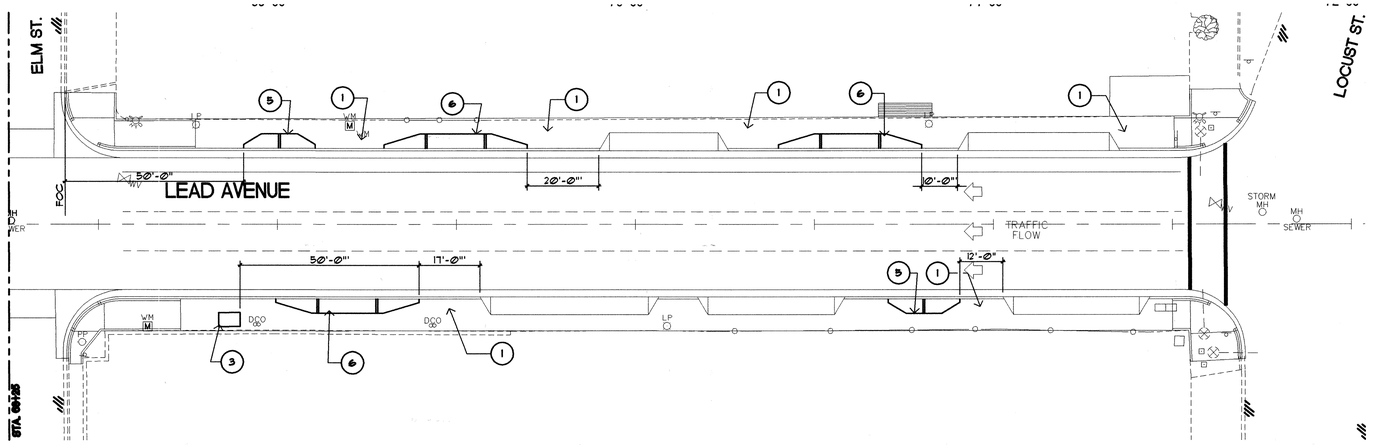
LEAD AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00



LEAD AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



LEAD AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.05



ELEVATIONS ARE IN NGVD 29

CONSTRUCTION KEYED NOTES

1. CONCRETE SIDEWALK. SEE CIVIL.
2. FURNISH AND INSTALL CONCRETE PAVERS. DIMENSIONS SHALL BE PER DIMENSIONS FOR PLANTER 'A', 'B', OR 'C' AS NOTED ON PLANS. REFERENCE DETAIL A/55.
3. FURNISH AND INSTALL CAST CONCRETE TREE GRATE. REFERENCE DETAIL C/55.
4. CONSTRUCT TYPE 'A' PLANTER REFERENCE DETAIL D/55 AND TYPICAL PLANTER SECTION B/55.
5. CONSTRUCT TYPE 'B' PLANTER. REFERENCE DETAIL E/55 AND TYPICAL PLANTER SECTION B/55.
6. CONSTRUCT TYPE 'C' PLANTER. REFERENCE DETAIL F/55 AND TYPICAL PLANTER SECTION B/55.

GENERAL NOTE

THE CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT WILL BE RESPONSIBLE FOR MAINTAINING LANDSCAPE IMPROVEMENTS.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS

AGS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381674.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION

CONTRACTOR
STAKED BY — DATE
INSPECTOR'S — DATE
FIELD VERIFICATION BY — DATE
MARKUPS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

ENGINEER'S SEAL
STATE OF NEW MEXICO
ELIZABETH C. REARDON
NO. 28
REGISTERED LANDSCAPE ARCHITECT
June 5, 2002

FOR INFORMATION ONLY

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	BHM
		DRAWN BY	KR/VW
		CHECKED BY	DCW

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

0 10 20 40 60
SCALE: 1" = 20'

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LEAD AVENUE IMPROVEMENTS
LANDSCAPE CONSTRUCTION LAYOUT
STA. 61+00.00 – STA. 71+73.05

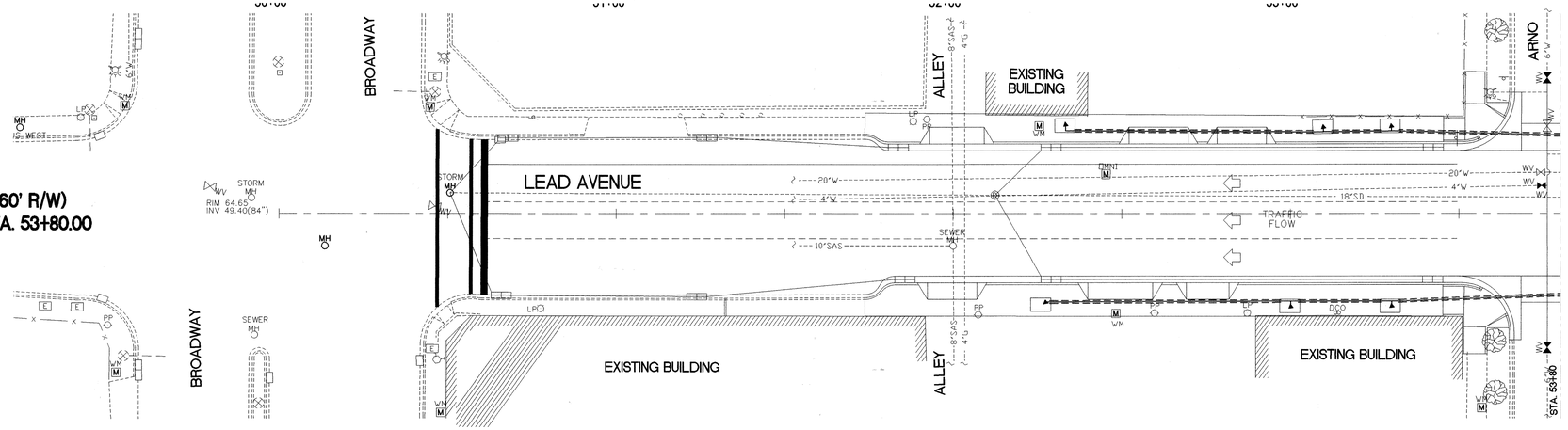
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	20	57

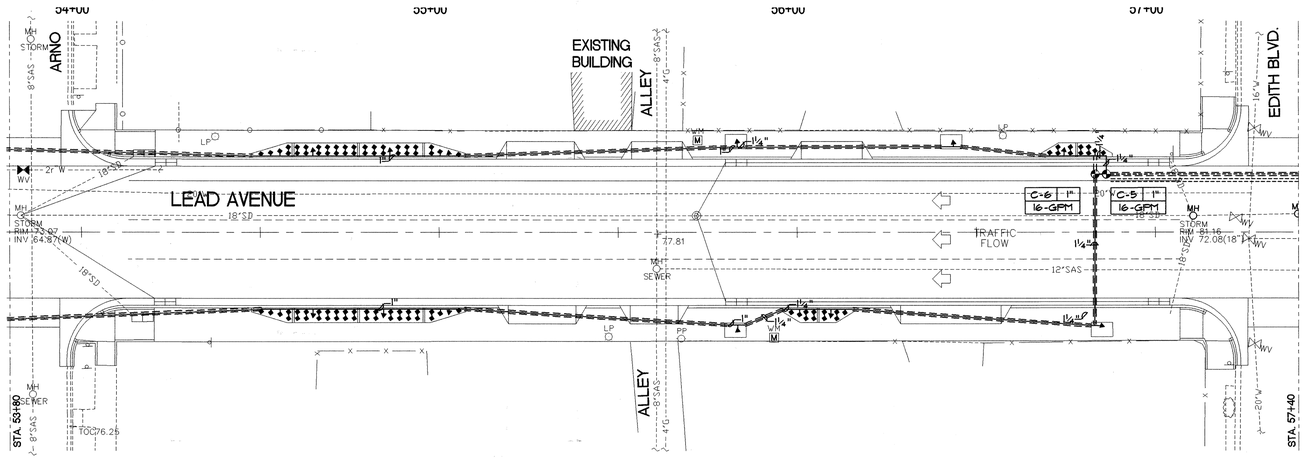
SCANNED BY MESA REPRO

JOB NO: 023.111.5199
FILE: G:\2001\LEAD\LEAD-LANDSCAPE\LANDSCAPE IMPROVEMENTS.DWG
DRAWN BY: VW
REV: 06/11/01 (PAVING)

LEAD AVENUE (60' R/W)
STA. 50+00.00 - STA. 53+80.00

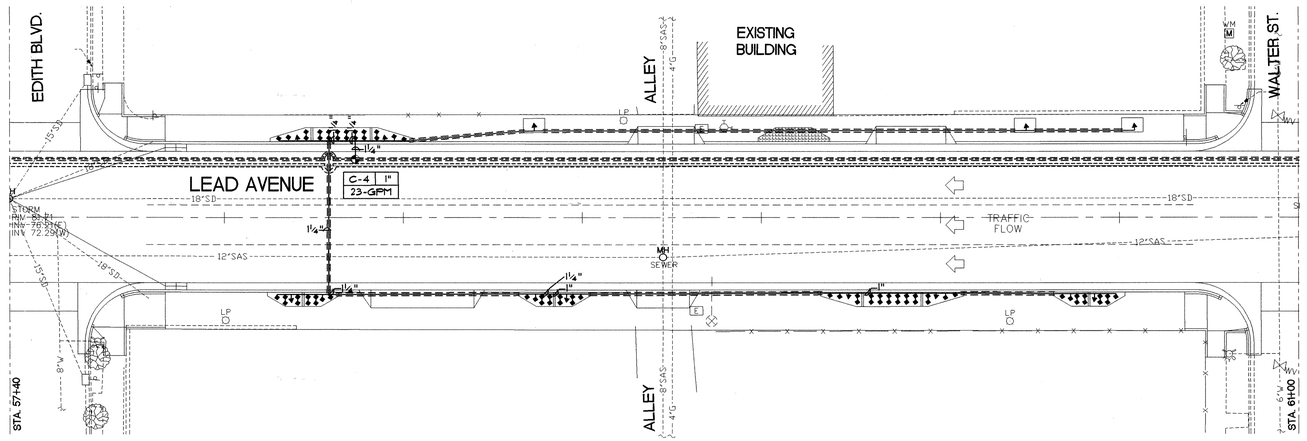


LEAD AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00



NOTE:
SEE SHEET 56 OF 57 FOR IRRIGATION LEGEND, NOTES AND DETAILS.

LEAD AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00



ELEVATIONS ARE IN NGVD 29

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS

A/CS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION

CONTRACTOR	
STARTED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
REMARKS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

ENGINEER'S SEAL

STATE OF NEW MEXICO
ELIZABETH C. REARDON
No. 28
REGISTERED LANDSCAPE ARCHITECT
June 13, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	ARU 5/17/02
		DRAWN BY	ARU DATE 5/17/02
		CHECKED BY	DCW DATE 5/17/02

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

SCALE: 1" = 20'

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 - FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LEAD AVENUE IMPROVEMENTS
IRRIGATION LAYOUT
STA. 50+00.00 – STA. 61+00.00

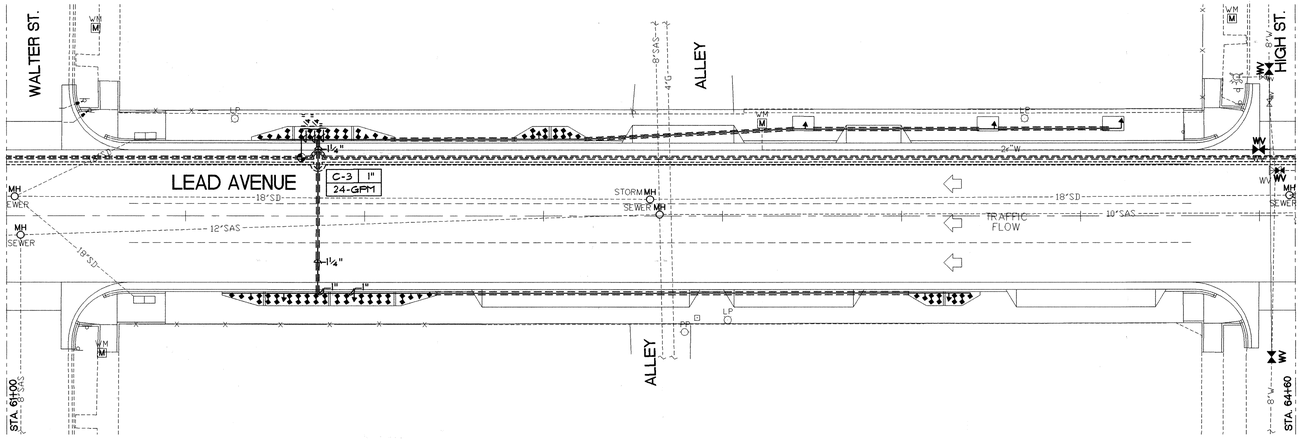
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 15 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	21	57

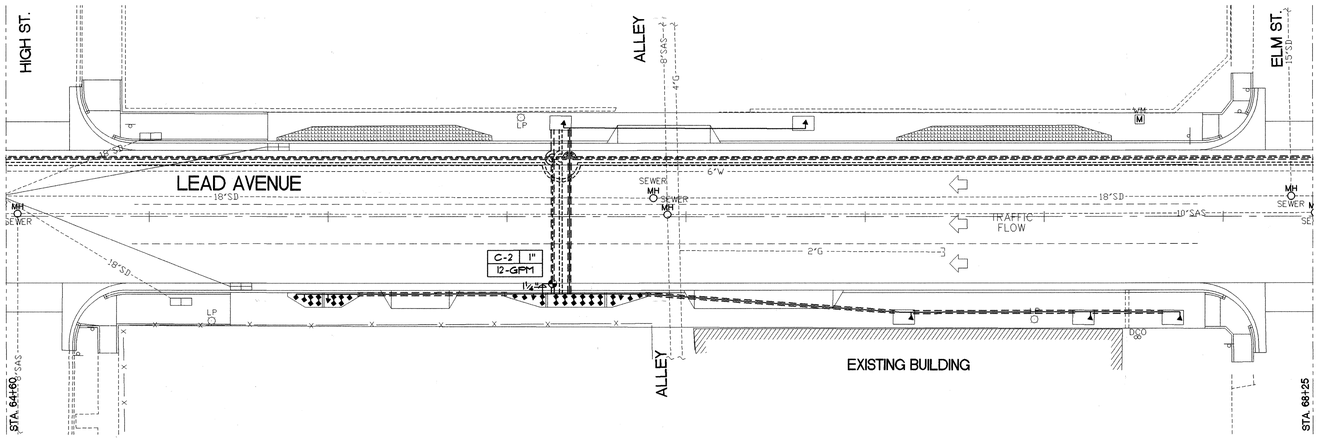
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REV: 06/01/02 PM

NAME: 120LEADIRRGD.DWG DATE: MAY 31, 2002 PLOT 1:1 SHEET1A BASE REVISION: 6-11-01 ARU/DCW

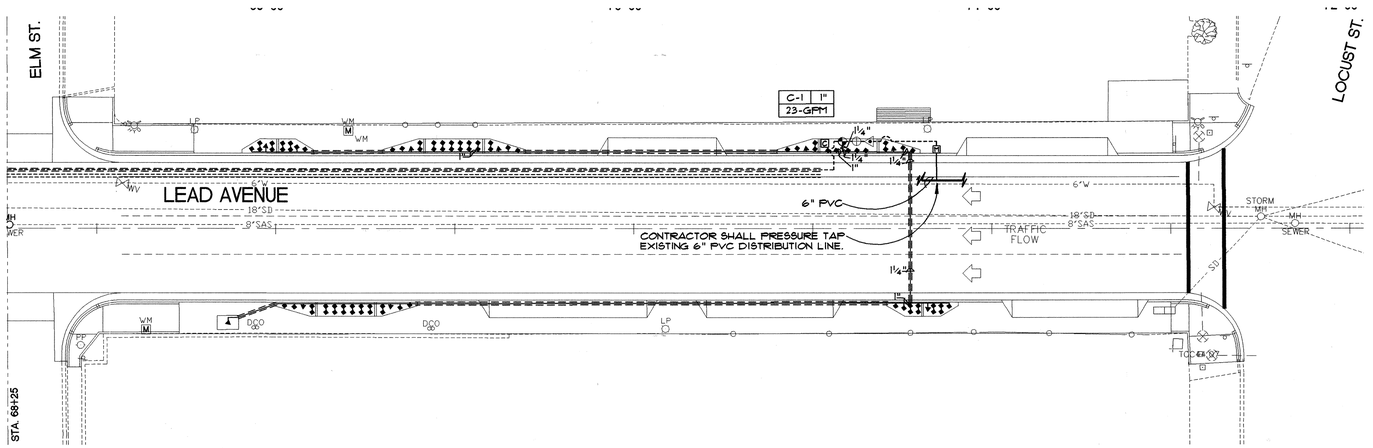
LEAD AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00



LEAD AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



LEAD AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.05



ELEVATIONS ARE IN NGVD 29

NOTE:
SEE SHEET 56 OF 57 FOR IRRIGATION LEGEND, NOTES AND DETAILS.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 361874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION

CONTRACTOR
STAKED BY — DATE
INSPECTOR'S CLEARANCE BY — DATE
FIELD VERIFICATION BY — DATE
MARKINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

ENGINEER'S SEAL

STATE OF NEW MEXICO — JOSEPH C. REARDON — REGISTERED LANDSCAPE ARCHITECT — NO. 26
June 3, 2002

FOR INFORMATION ONLY

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	ARU 5/17/02
		DRAWN BY	ARU 5/17/02
		CHECKED BY	DCW 5/17/02

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

0 10 20 40 60
SCALE: 1" = 20'

CHAVEZ · GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. · ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 · FAX (505) 343-8758

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LEAD AVENUE IMPROVEMENTS
IRRIGATION LAYOUT
STA. 61+00.00 – STA. 71+73.05

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

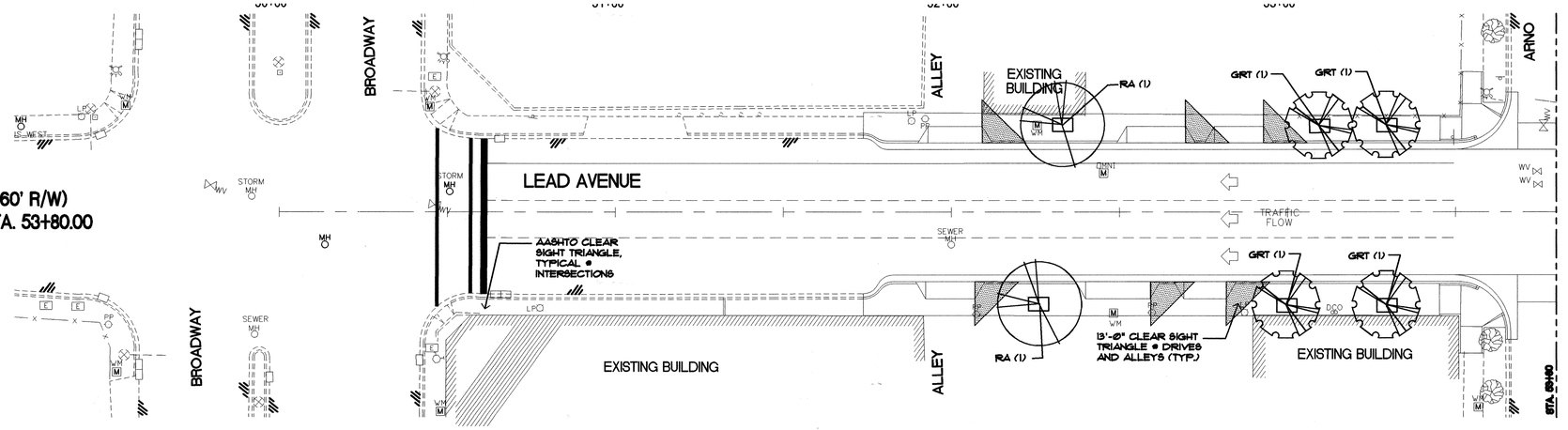
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	22	57

SCANNED BY MESA REPRO

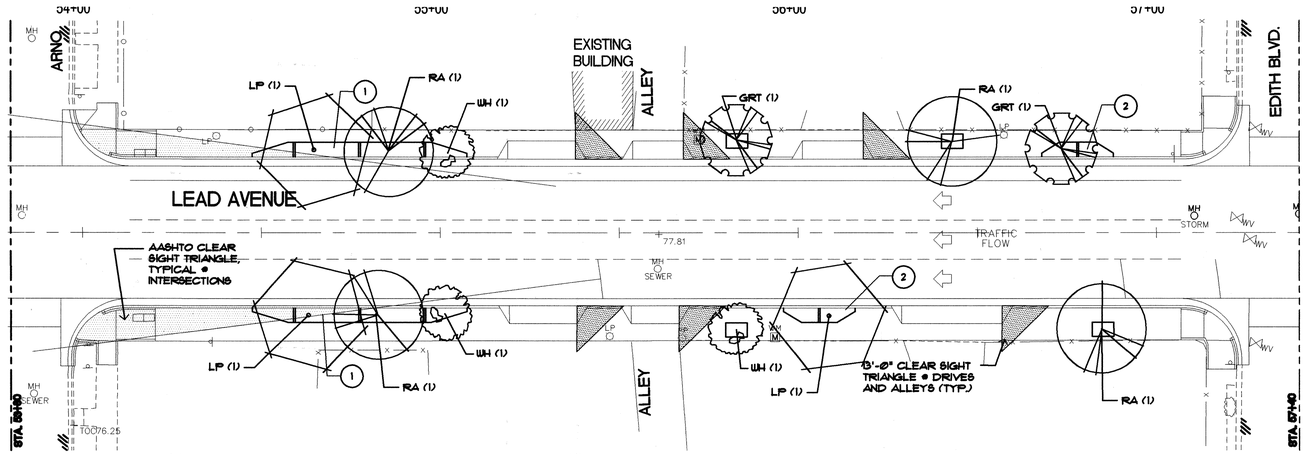
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REV: 06/11/01 PE (ARU/DCW)

NAME: 12ØILEADIRRG.DWG DATE: MAY 31, 2ØØ2 PLOT 1:1 SHEET2A BASE REVISION: 6-11-Ø1 ARU/DCW

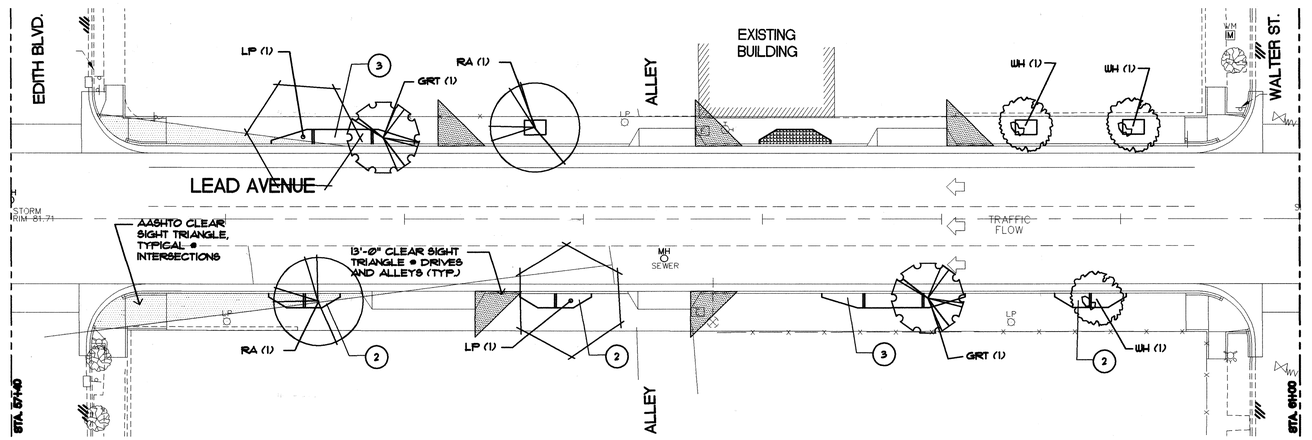
LEAD AVENUE (60' R/W)
STA. 50+00.00 - STA. 53+80.00



LEAD AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00



LEAD AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00



NOTE.

SEE SHEET 57 OF 57 FOR PLANT LIST AND PLANTING NOTES.

PLANTING KEYED NOTES

1. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'A', SHEET 57 OF 57.
2. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'B', SHEET 57 OF 57.
3. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'C', SHEET 57 OF 57.
4. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'D', SHEET 57 OF 57.

GENERAL NOTE

THE CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT WILL BE RESPONSIBLE FOR MAINTAINING LANDSCAPE IMPROVEMENTS.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF the CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
ELEV. 4985.213

AS BUILT INFORMATION

	BY	DATE
CONTRACTOR WORK STAKED BY		
INSPECTOR'S FIELD DISTANCE BY		
VERIFICATION BY		
REVISIONS REQUIRED BY		
CORRECTED BY		

MICRO-FILM INFORMATION

	DATE
RECORDED BY	
NO.	

ENGINEER'S SEAL

STATE OF NEW MEXICO
ELISEO R. REARDON
No. 8
REGISTERED LANDSCAPE ARCHITECT
June 5, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	BHM
		DRAWN BY	KR/VW
		CHECKED BY	DCW

DATE 5/17/02
DATE 5/17/02
DATE 5/17/02

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87106
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

0 10 20 40 60
SCALE: 1" = 20'

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 - FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LEAD AVENUE IMPROVEMENTS
PLANTING PLAN
STA. 50+00.00 - STA. 61+00.00

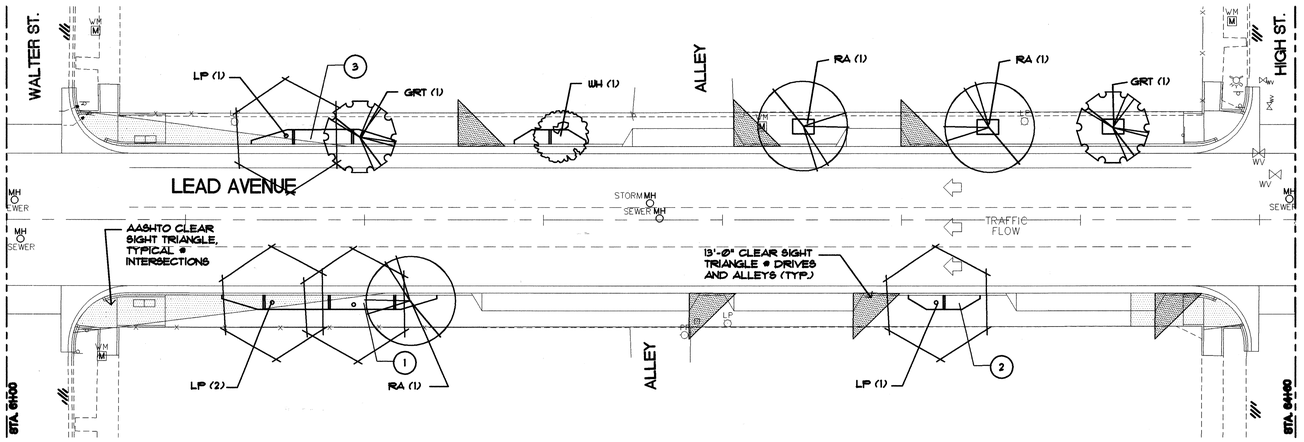
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	23	57

PLOTTED: 05/31/2002 10:58AM
BY: CHAVEZ-GRIEVES ENG.
FILE NO. 120\LEADPLT.DWG
REF. DWGS. (LEAD-LANDSCAPE.DWG)(NEW.DWG)
REF. DWGS. (XREF)
REF. DWGS. (PLOTFILL)

NAME: 120\LEADPLT.DWG DATE: MAY 31, 2002 PLOT 1:1 SHEET1A BASE REVISION: 6-11-01 VW/RHT

LEAD AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00



NOTE.

SEE SHEET 5'1 OF 5'1 FOR PLANT LIST AND PLANTING NOTES.

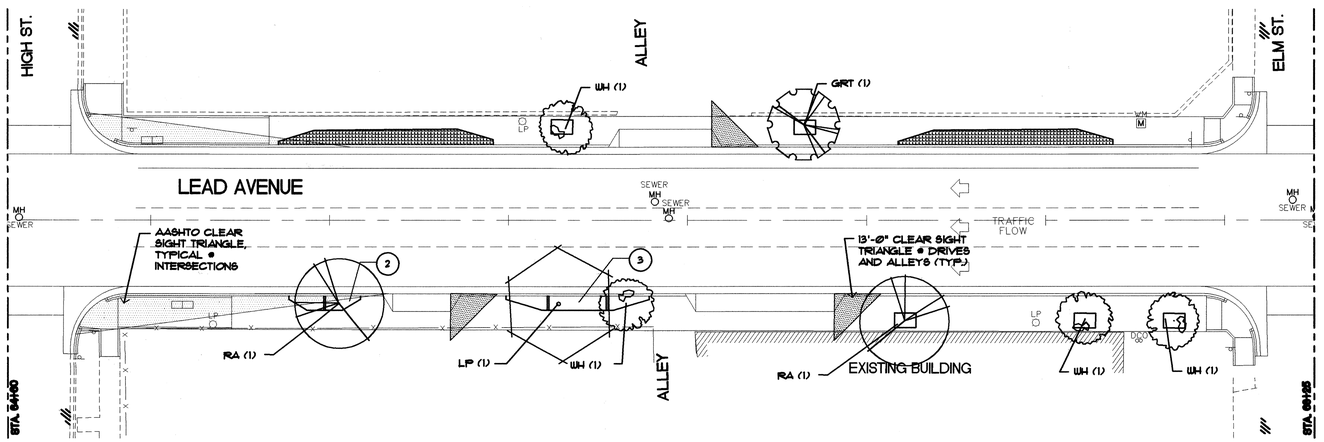
PLANTING KEYED NOTES

1. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'A', SHEET 5'1 OF 5'1.
2. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'B', SHEET 5'1 OF 5'1.
3. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'C', SHEET 5'1 OF 5'1.
4. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'D', SHEET 5'1 OF 5'1.

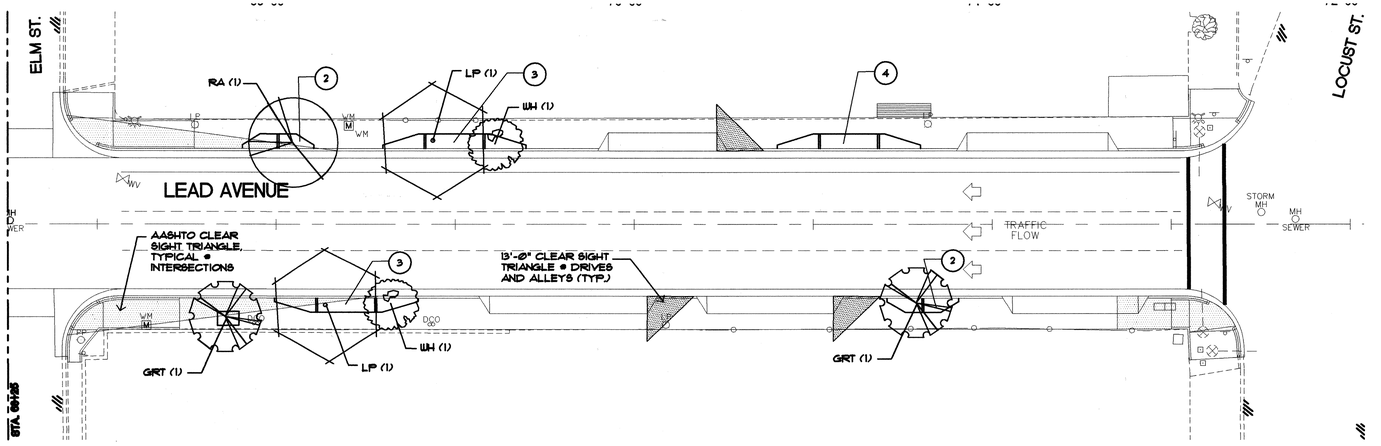
GENERAL NOTE

THE CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT WILL BE RESPONSIBLE FOR MAINTAINING LANDSCAPE IMPROVEMENTS.

LEAD AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



LEAD AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.05



SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX57. 3 FEET WEST OF BACK OF the CURB ON BROADWAY AND APPROX57. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
ELEV. 4965.213

AS BUILT INFORMATION
CONTRACTOR
STAKED BY — DATE
INSPECTOR'S VERIFICATION BY — DATE
FIELD VERIFICATION BY — DATE
MARKINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

ENGINEER'S SEAL
STATE OF NEW MEXICO
ELEANOR REARDON
No. 26
REGISTERED LANDSCAPE ARCHITECT
June 3, 2002

FOR INFORMATION ONLY

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
	5/17/02	DESIGNED	BHM
	5/17/02	DRAWN BY	KR/VW
	5/17/02	CHECKED BY	DCW

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

0 10 20 40 60
SCALE: 1" = 20'

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 - FAX (505) 345-5759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LEAD AVENUE IMPROVEMENTS
PLANTING PLAN
STA. 61+00.00 - STA. 71+73.05

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
JUL 18 2002 DESIGN REVIEW COMMITTEE	JUL 18 2002 CITY ENGINEER			

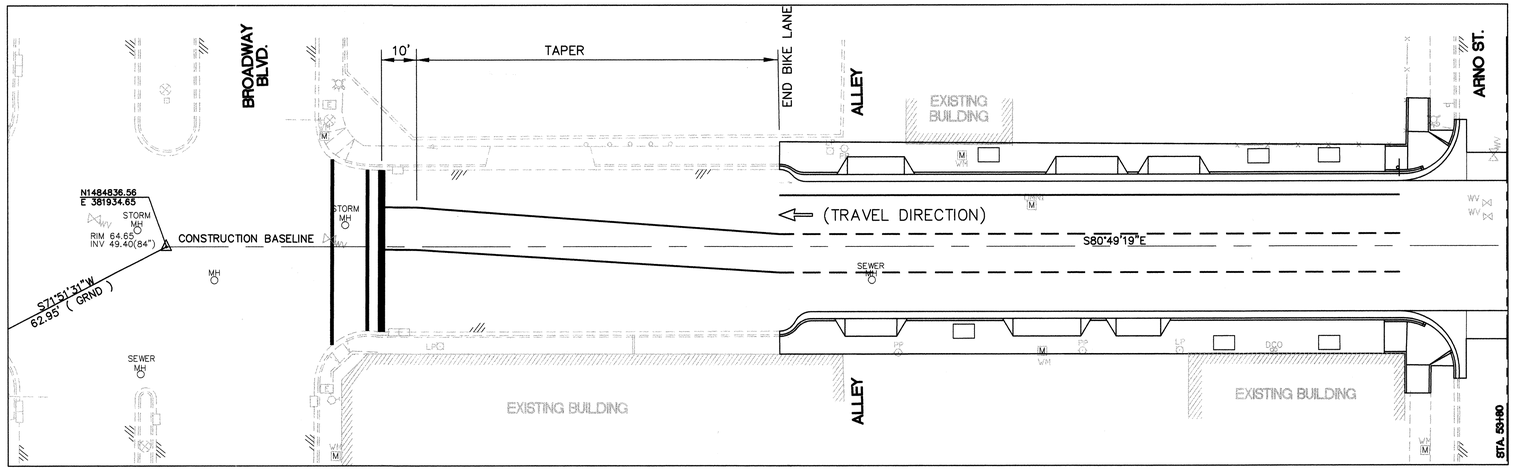
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	24	57

SCANNED BY MESA REPRO

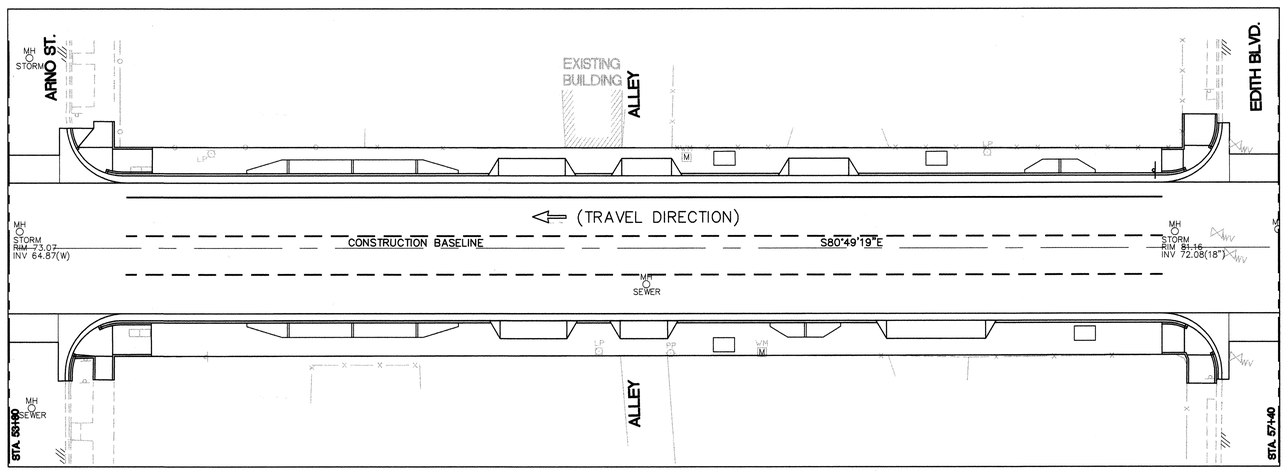
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DRAWN BY: KR
DATE: 06/11/01
REV: 06/11/01 KR (PLOTTING)

NAME: 120ILEADPLT.DWG DATE: MAY 31, 2002 PLOT 1:1 SHEET2A BASE REVISION: 6-11-01 VW/RHT

LEAD AVENUE (60' R/W)
STA. 50+00.00 - STA. 53+80.00

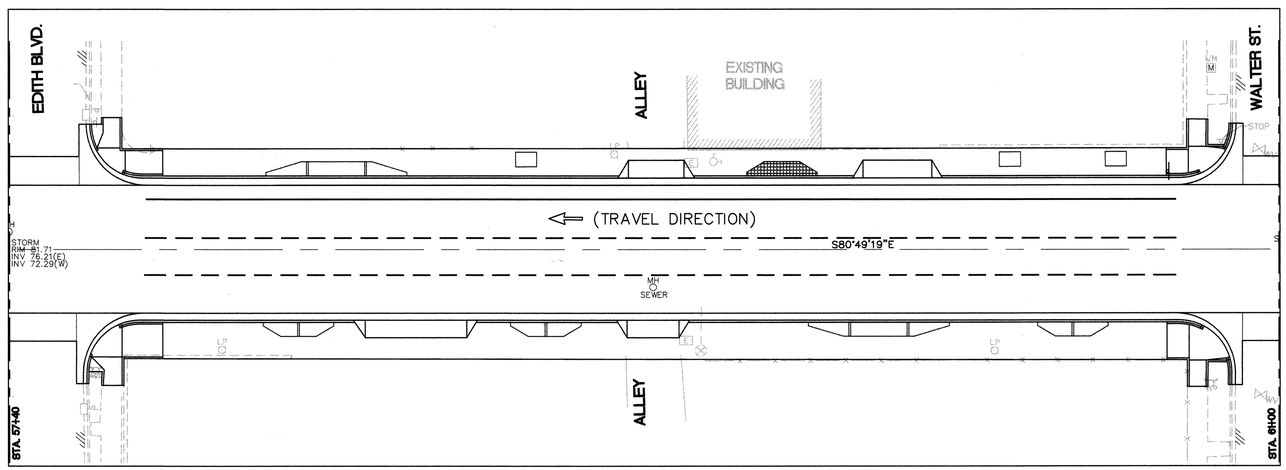


LEAD AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

LEAD AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

ELEVATIONS ARE IN NGVD 29

CONSTRUCTION NOTES

1. FINAL LIGHTING PLAN TO BE SUBMITTED AND APPROVED PRIOR TO CONSTRUCTION.
2. STREET LIGHTING LAYOUT IS CURRENTLY ON HOLD & NO DESIGN IS SHOWN ON PLANS.

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTIONS
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381974.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE
CHAVEZ-GRIEVES ENG. | 7/99

ENGINEER'S SEAL
DAVID N. GRIEVES — STATE OF NEW MEXICO — NO. 6147 — REGISTERED PROFESSIONAL ENGINEER
Registered Professional Engineer

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED D. GRIEVES DATE 06/03/02
DRAWN BY S. EDINGS DATE 06/03/02
CHECKED BY V. CHAVEZ DATE 06/03/02

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD AVENUE IMPROVEMENTS
STREET LIGHTING LAYOUT
STA. 50+00.00 – STA. 61+00.00

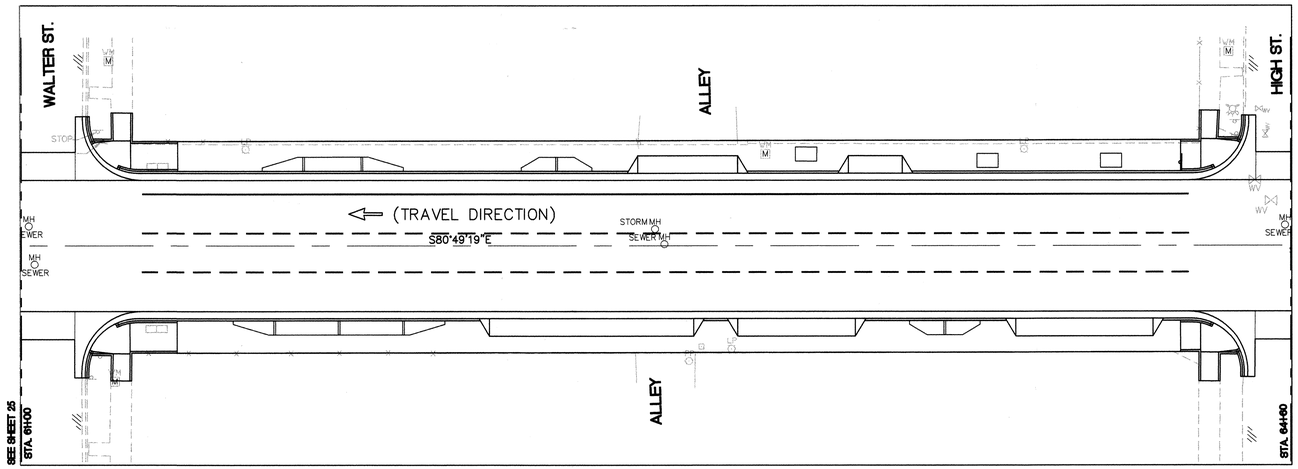
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No. 5851.91 | Zone Map No. K-14-Z, K-15-Z | Sheet 25 Of 57

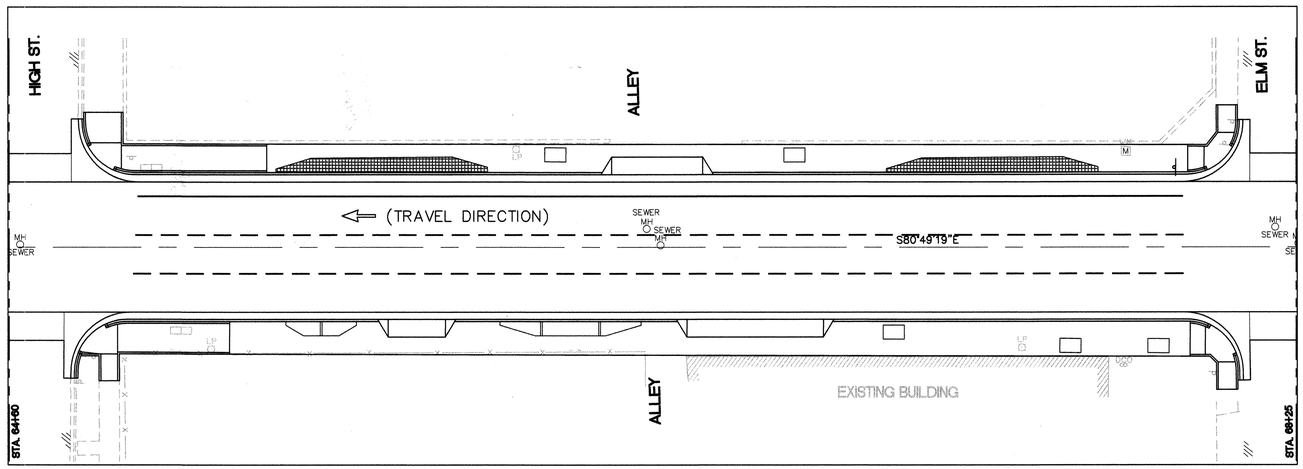
SCANNED BY MESA REPRO

JOB NO.: 023-111-5160
DRAWING NAME: C:\ACAD\LEAD\LEAD-LIGHTING.DWG(REF-IMPROVE.DWG)
DATE/TIME: 06/25/02 @ 7:45 (FULL)
PLOT DATE/TIME: 06/25/02 @ 7:46

LEAD AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00

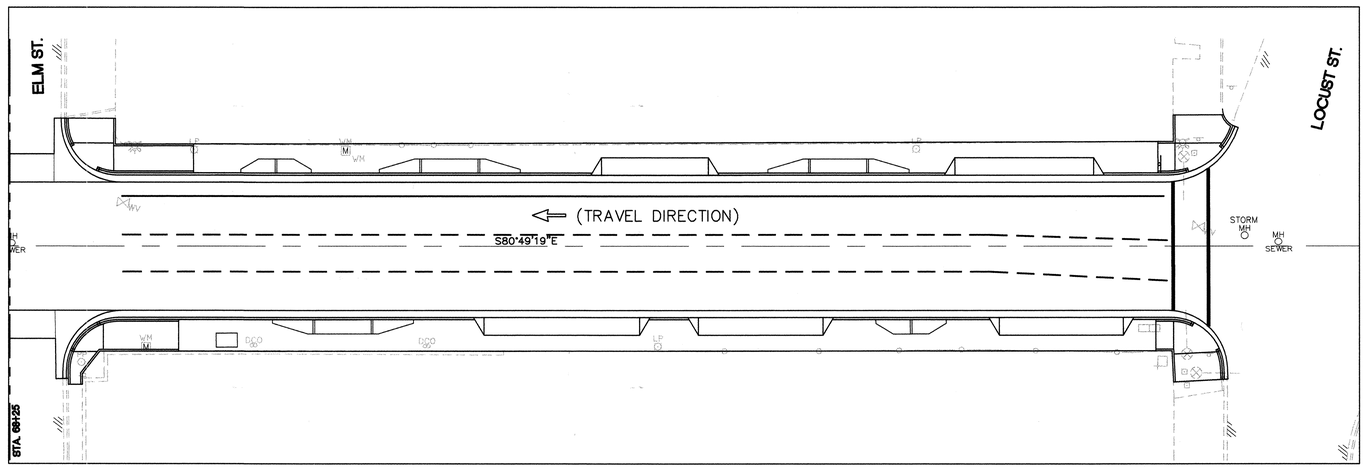


LEAD AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

LEAD AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.05



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

ELEVATIONS ARE IN NGVD 29

CONSTRUCTION NOTES

1. FINAL LIGHTING PLAN TO BE SUBMITTED AND APPROVED PRIOR TO CONSTRUCTION.
2. STREET LIGHTING LAYOUT IS CURRENTLY ON HOLD & NO DESIGN IS SHOWN ON PLANS.

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY / INSPECTED BY / ACCEPTANCE BY / FIELD VERIFICATION BY / DRAWINGS CORRECTED BY — DATE

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL
DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 6127 — REGISTERED PROFESSIONAL ENGINEER
June 3 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
	06/03/02	DESIGN	
	06/03/02	DESIGNED D. GRIEVES	
	06/03/02	DRAWN BY S. EDINGS	
	06/03/02	CHECKED BY V. CHAVEZ	

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
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PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

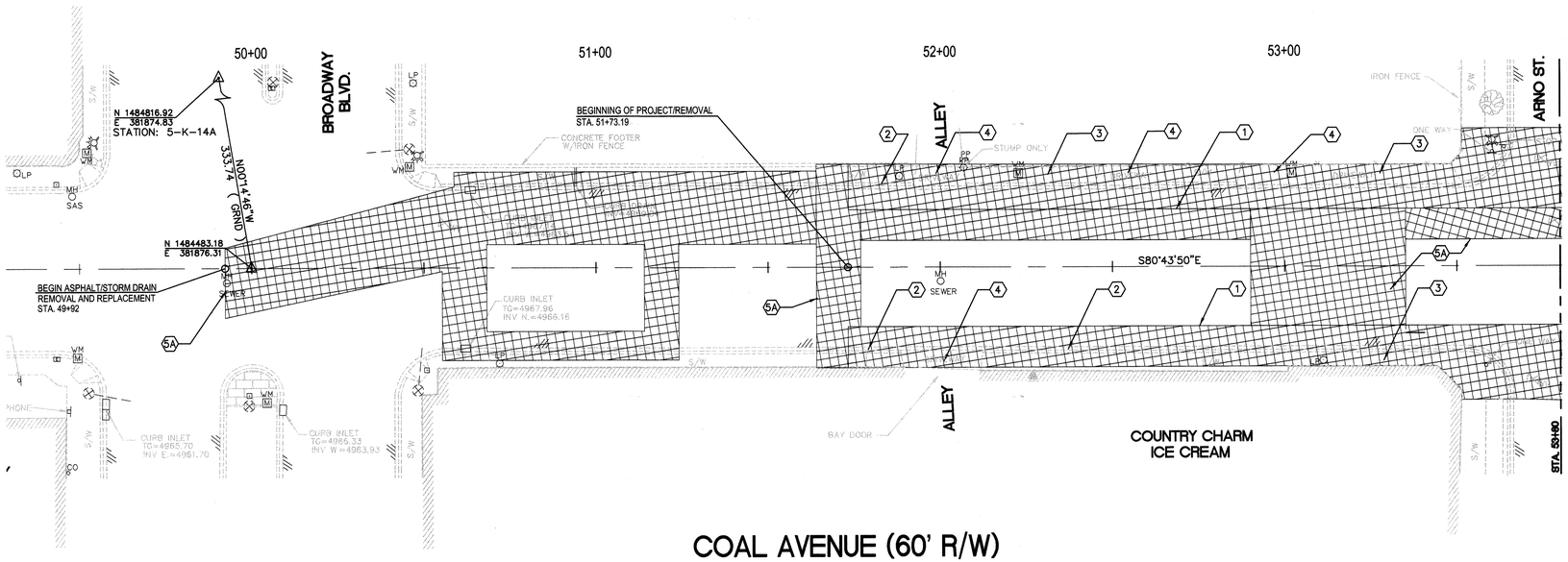
TITLE: LEAD AVENUE IMPROVEMENTS
STREET LIGHTING LAYOUT
STA. 61+00.00 – STA. 71+73.05

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
ISSUED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

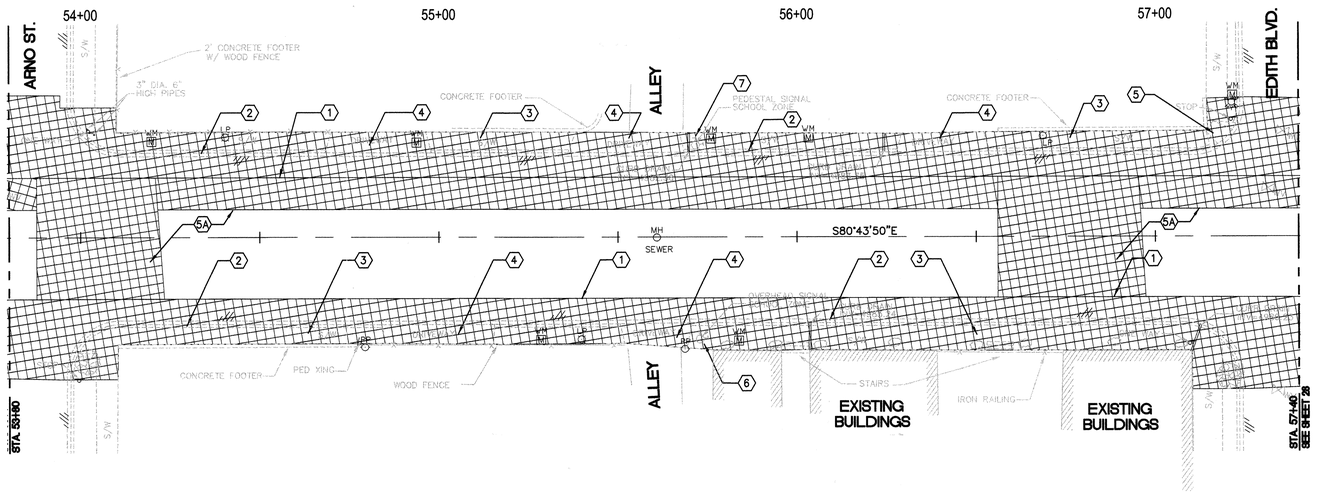
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	26	57

SCANNED BY MESA REPRO

JOB NO. C03-111-2498
DRAWING NO. (ROADWAY)
DWG NO. 06-PG (ROADWAY)
SHEET NO. 07 OF 07 (ROADWAY)



COAL AVENUE (60' R/W)
STA. 51+73.19 - STA. 53+80.00



COAL AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00

GRAPHIC SCALE

0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

ELEVATIONS ARE IN NGVD 29

KEYED NOTES
STA. 51+73.19–STA. 53+80.00 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 51+73.19 TO 6' FROM EXISTING FLOWLINE AT STA 53+80. AND NORTH TO EXISTING CURB RETURNS FROM STA. 53+65.63 TO STA. 53+80.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.

5A. BEGINNING AT STA 49+92 AND ENDING AT 58+22 LT & RT SAWCUT AND REMOVE EXIST. ASPHALT PAVEMENT PER COA STD DWG 2465 ALSO SEE SHEET 40 & 41 FOR STORM DRAIN LINE IMPROVEMENTS.

KEYED NOTES
STA. 51+73.19–STA. 53+80.00 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 51+73.19 TO 6' FROM EXISTING FLOWLINE AT STA 53+80. AND SOUTH TO EXISTING CURB RETURNS FROM STA. 53+65.34 TO STA. 53+80.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.

CONSTRUCTION NOTE

1 WHEN REMOVING EXISTING FEATURES TAKE CARE SO AS NOT TO DAMAGE EXISTING FEATURES THAT WILL REMAIN.

2. LIGHTING DEMOLITION AND REPLACEMENT TO BE SHOWN LIGHTING PLANS.

KEYED NOTES
STA. 53+80.00–STA. 57+40.00 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 53+80 TO 6' AT STA 57+40, AND NORTH TO EXISTING CURB RETURNS FROM STA. 53+80 TO STA. 53+97.22 AND FROM STA. 57+23.54 TO STA. 57+40.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
6. REMOVE EXISTING HANDICAP RAMP.
7. EXISTING TRAFFIC SIGNALS TO REMAIN

KEYED NOTES
STA. 53+80.00–STA. 57+40.00 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 53+80 TO 6' AT STA 57+40, AND SOUTH TO EXISTING CURB RETURNS FROM STA. 53+80 TO STA. 53+97.17 AND FROM STA. 57+23.41 TO STA. 57+40.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING HANDICAP RAMP.
6. EXISTING TRAFFIC SIGNALS TO REMAIN

AS BUILT INFORMATION

CONTRACTOR

WORK STAKED BY — DATE
INSPECTION WORKS — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"
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GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL

DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 6197 — REGISTERED PROFESSIONAL ENGINEER

NO.	REMARKS	BY	DATE
	REVISIONS		
	DESIGN		
DESIGNED	D. GRIEVES		06/03/02
DRAWN	S. EDINGS		06/03/02
CHECKED	V. CHAVEZ		06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: COAL AVENUE IMPROVEMENTS
DEMOLITION PLAN
STA. 51+73.19 – STA. 57+40.00

Design Review Committee: JUL 18 2002 — DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 18 2002 — CITY ENGINEER

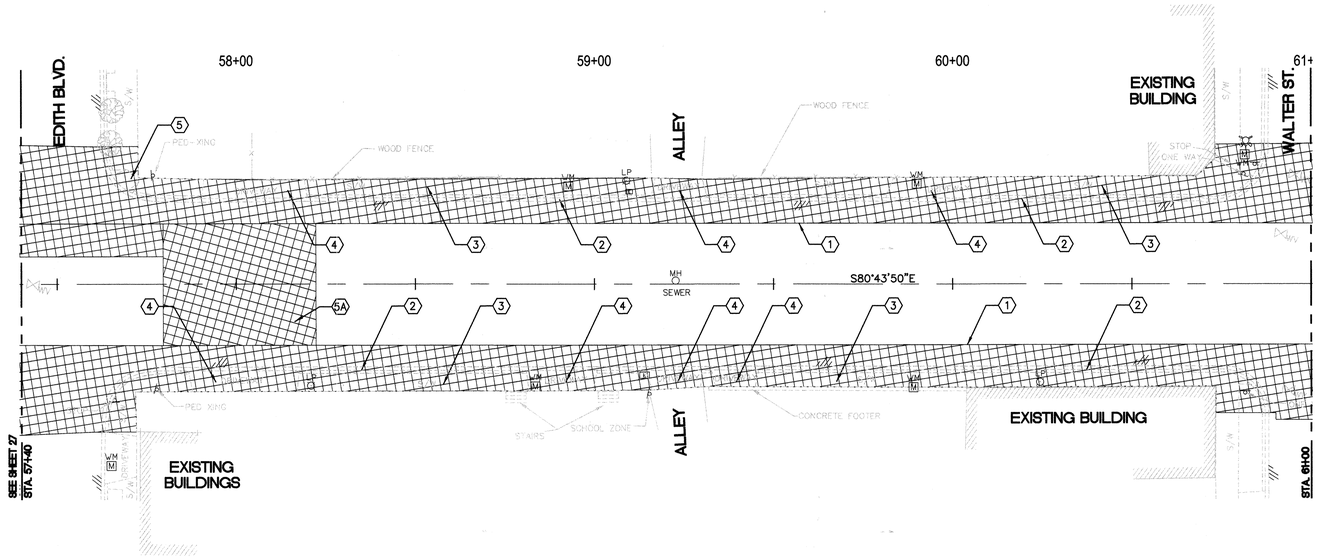
Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. 5851.91
Zone Map No. K-14-Z, K-15-Z
Sheet 27 Of 57

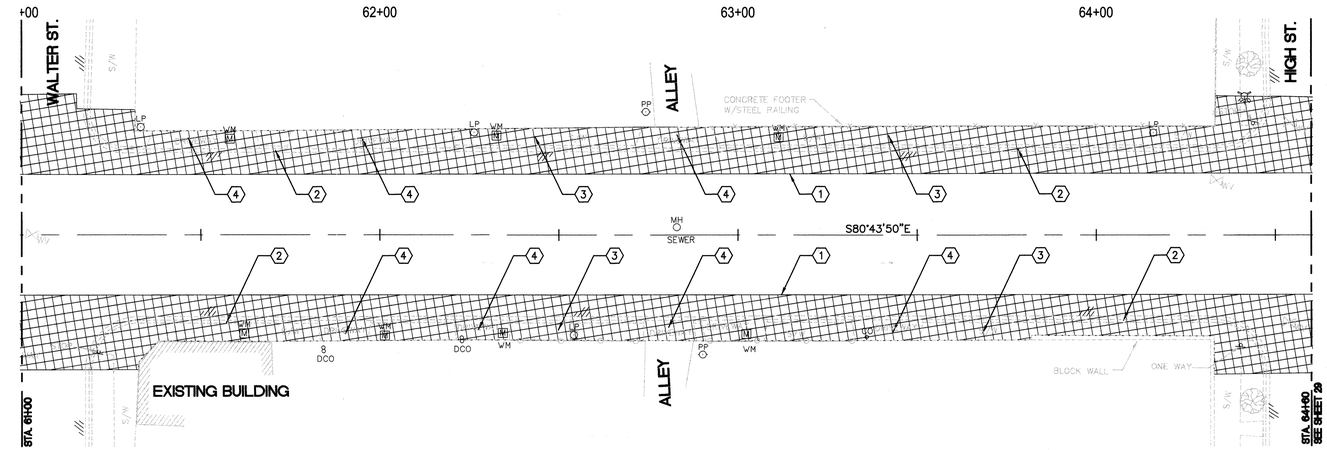
SCANNED BY MESA REPRO

FOR INFORMATION ONLY

JOB NO.: 023-111-0198
PROJECT: COAL (COAL-PEDXING.DWG,SHEET1.ROHAS.DWG)
DWG. BY: RON JAMES
DATE: 06/17/02 PC: 06-25-02 R



COAL AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00



COAL AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00

FOR INFORMATION ONLY

NORTH

GRAPHIC SCALE

0 20 40 80

(IN FEET)
1 inch = 20 ft.

ELEVATIONS ARE IN NGVD 29

KEYED NOTES
STA. 57+40.00–STA. 61+00.00 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 57+40 TO 6' AT STA. 61+00 AND NORTH TO EXISTING CURB RETURNS FROM STA. 57+40 TO STA. 57+61.83 AND FROM STA. 60+87.02 TO STA. 61+00.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING HANDICAP RAMP.

5A. BEGINNING AT STA 49+92 AND ENDING AT 58+22 LT & RT SAWCUT AND REMOVE EXIST. ASPHALT PAVEMENT PER COA STD DWG 2465 ALSO SEE SHEET 40 & 41 FOR STORM DRAIN LINE IMPROVEMENTS.

KEYED NOTES
STA. 57+40.00–STA. 61+00.00 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 57+40 TO 6' AT STA. 61+00 AND SOUTH TO EXISTING CURB RETURNS FROM STA. 57+40 TO STA. 57+63.30 AND FROM STA. 60+87.16 TO STA. 61+00.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.

CONSTRUCTION NOTE

1 WHEN REMOVING EXISTING FEATURES TAKE CARE SO AS NOT TO DAMAGE EXISTING FEATURES THAT WILL REMAIN.

2. LIGHTING DEMOLITION AND REPLACEMENT TO BE SHOWN LIGHTING PLANS.

KEYED NOTES
STA. 61+00.00–STA. 64+60.00 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 61+00 TO 6' AT STA 64+60, AND NORTH TO EXISTING CURB RETURNS FROM STA. 61+00 TO STA. 61+18.39 AND FROM STA. 64+47.64 TO STA. 64+60.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.

KEYED NOTES
STA. 61+00.00–STA. 64+60.00 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 61+00 TO 6' AT STA 64+60, AND SOUTH TO EXISTING CURB RETURNS FROM STA. 61+00 TO STA. 61+18.79 AND FROM STA. 64+47.38 TO STA. 64+60.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

DESIGNED D. GRIEVES DATE 06/03/02
DRAWN BY S. EDINGS DATE 06/03/02
CHECKED BY V. CHAVEZ DATE 06/03/02

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

AS BUILT INFORMATION
CONTRACTOR

	DATE
WORK STAKED BY	
INSPECTED BY	
ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
DANIEL H. GRIEVES NEW MEXICO 6121 REGISTERED PROFESSIONAL ENGINEER

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

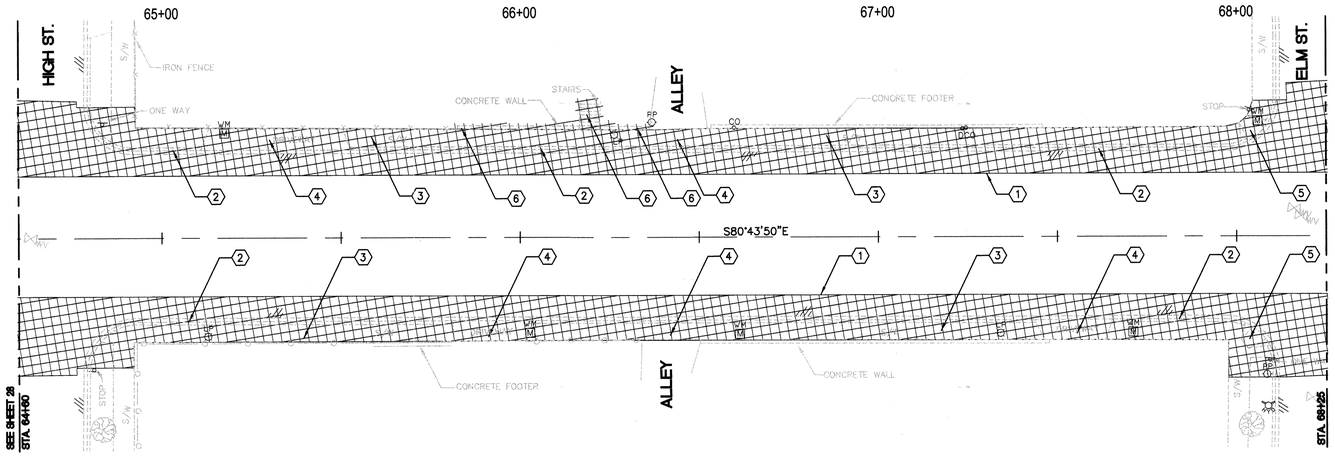
TITLE: COAL AVENUE IMPROVEMENTS
DEMOLITION PLAN
STA. 57+40.00 TO STA. 64+60.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
JUL 10 2002 DESIGN REVIEW COMMITTEE	JUL 18 2002 CITY ENGINEER			

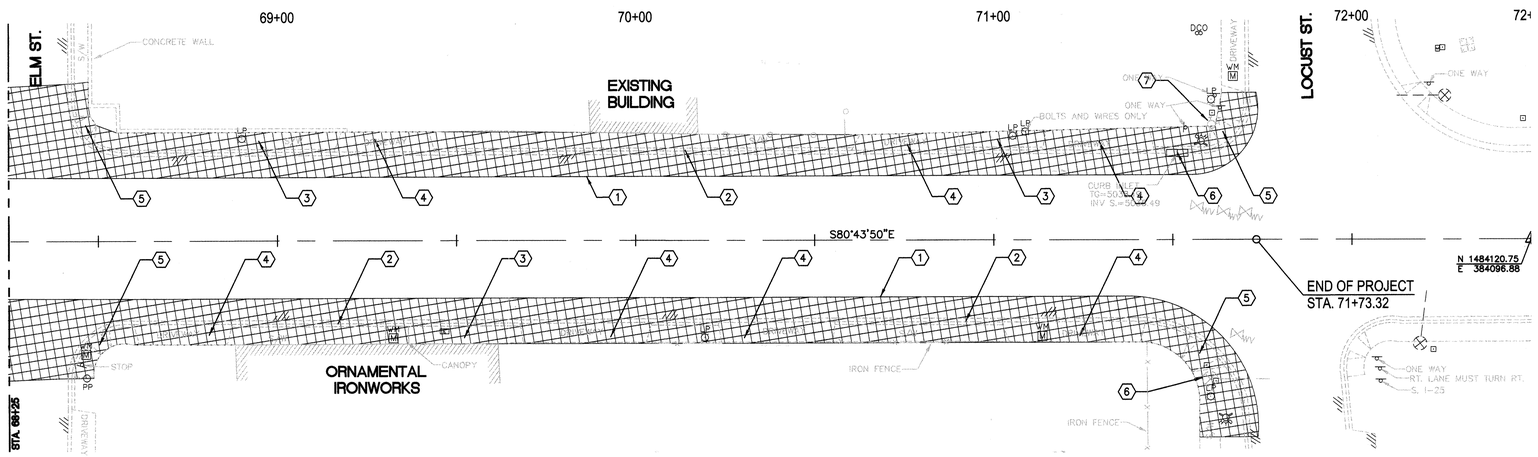
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	28	57

SCANNED BY MESA REPRO

ACS MON. CODE=111_2005
FILE: G:\DWG\PROJECTS\5851.91\COAL-DEMOLDWG\SHEET2-XCOALDEMO.DWG
PLOTTED BY PW2 ---07-28-02 R
PLOT DATE: ---07-28-02 R



COAL AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



COAL AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.32

FOR INFORMATION ONLY

GRAPHIC SCALE

0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

ELEVATIONS ARE IN NGVD 29

KEYED NOTES
STA. 64+60.00–STA. 68+25.00 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 64+60 TO 6' AT STA. 68+25 AND NORTH TO EXISTING CURB RETURNS FROM STA. 64+60 TO STA. 64+79.28 AND FROM STA. 68+11.10 TO STA. 68+25.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING HANDICAP RAMP.
6. REMOVE EXISTING RETAINING WALL, FOOTING AND STAIRWAY.

KEYED NOTES
STA. 64+60.00–STA. 68+25.00 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM EXISTING FLOWLINE AT STA 64+60 TO 6' AT STA. 68+25 AND SOUTH TO EXISTING CURB RETURNS FROM STA. 64+60 TO STA. 64+79.11 AND FROM STA. 68+10.67 TO STA. 68+25.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING HANDICAP RAMP.

CONSTRUCTION NOTE

1 WHEN REMOVING EXISTING FEATURES TAKE CARE SO AS NOT TO DAMAGE EXISTING FEATURES THAT WILL REMAIN.

2. LIGHTING DEMOLITION AND REPLACEMENT TO BE SHOWN LIGHTING PLANS.

KEYED NOTES
STA. 68+25.00–STA. 71+70.32 LT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM FROM EXISTING FLOWLINE AT STA 68+25 TO 6' AT STA 71+55.38, AND TRANSITION TO 3' FROM EXISTING FLOWLINE AT STA. 71+70.32.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING HANDICAP RAMP.
6. REMOVE EXISTING CURB INLET.
7. EXISTING TRAFFIC SIGNALS TO REMAIN.

KEYED NOTES
STA. 68+25.00–STA. 71+73.32 RT.

1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT. LOCATE SAWCUT LINE 6' FROM FROM EXISTING FLOWLINE AT STA 68+25 TO 6' AT STA 71+38.43, AND TRANSITION TO 3' FROM EXISTING FLOWLINE AT STA. 71+73.32.
2. REMOVE EXISTING CONCRETE CURB AND GUTTER.
3. REMOVE EXISTING CONCRETE SIDEWALK.
4. REMOVE EXISTING CONCRETE DRIVEWAY.
5. REMOVE EXISTING HANDICAP RAMP.
6. EXISTING TRAFFIC SIGNALS TO REMAIN.

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CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE
CHAVEZ-GRIEVES ENG. | 7/99

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY / DATE
STAKES OK'D BY / DATE
ACCEPTANCE BY / DATE
VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE
MICRO-FILM INFORMATION
RECORDED BY / DATE
NO.

ENGINEER'S SEAL
PATRICK H. GRIEVES, STATE OF NEW MEXICO, NO. 6127, REGISTERED PROFESSIONAL ENGINEER
June 3, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
	06/03/02	DESIGN	D. GRIEVES
	06/03/02		S. EDINGS
	06/03/02		V. CHAVEZ

DESIGNED
DRAWN BY
CHECKED BY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: COAL AVENUE IMPROVEMENTS
DEMOLITION PLAN
STA. 64+60.00 TO STA. 71+73.32

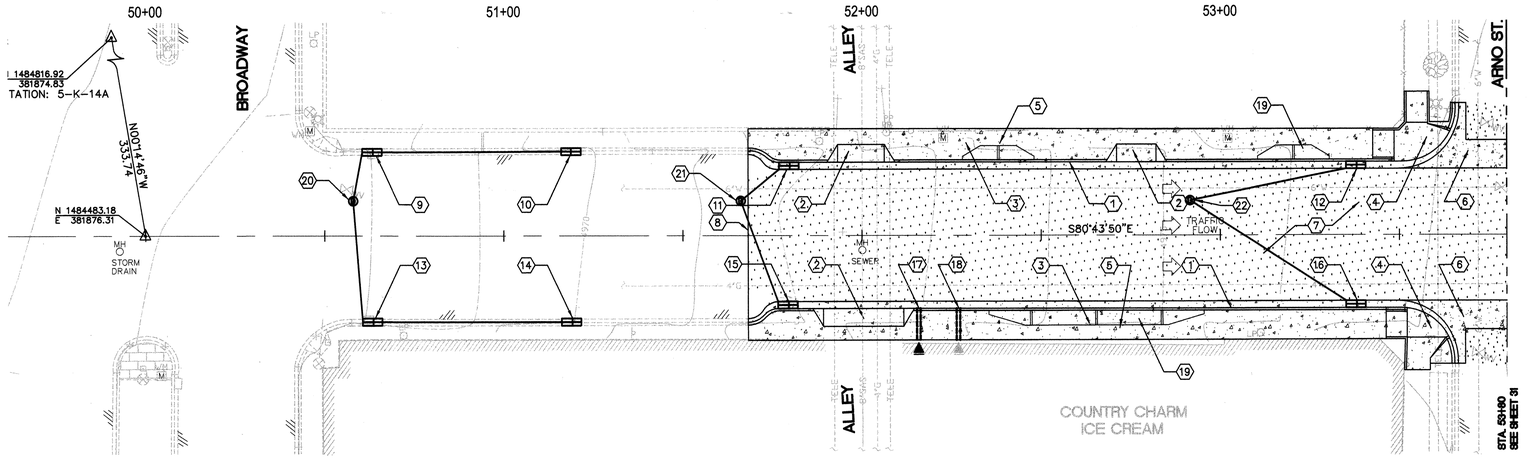
Design Review Committee: JUL 10 2002 — DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 18 2002 — CITY ENGINEER
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 5851.91
Zone Map No. K-14-Z, K-15-Z
Sheet 29 Of 57

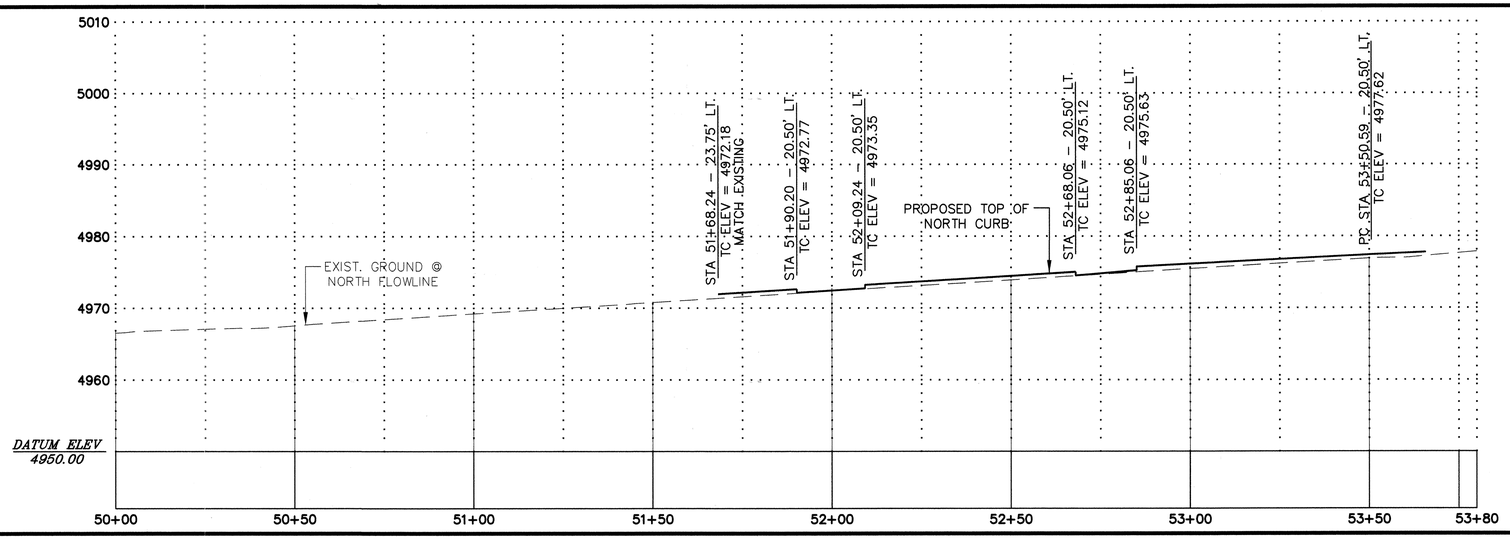
SCANNED BY
MESA REPRO

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PLOT: 06/13/02 PM--02:05:02

COAL AVENUE (60' R/W)
STA. 50+00.00 - STA. 53+80.00

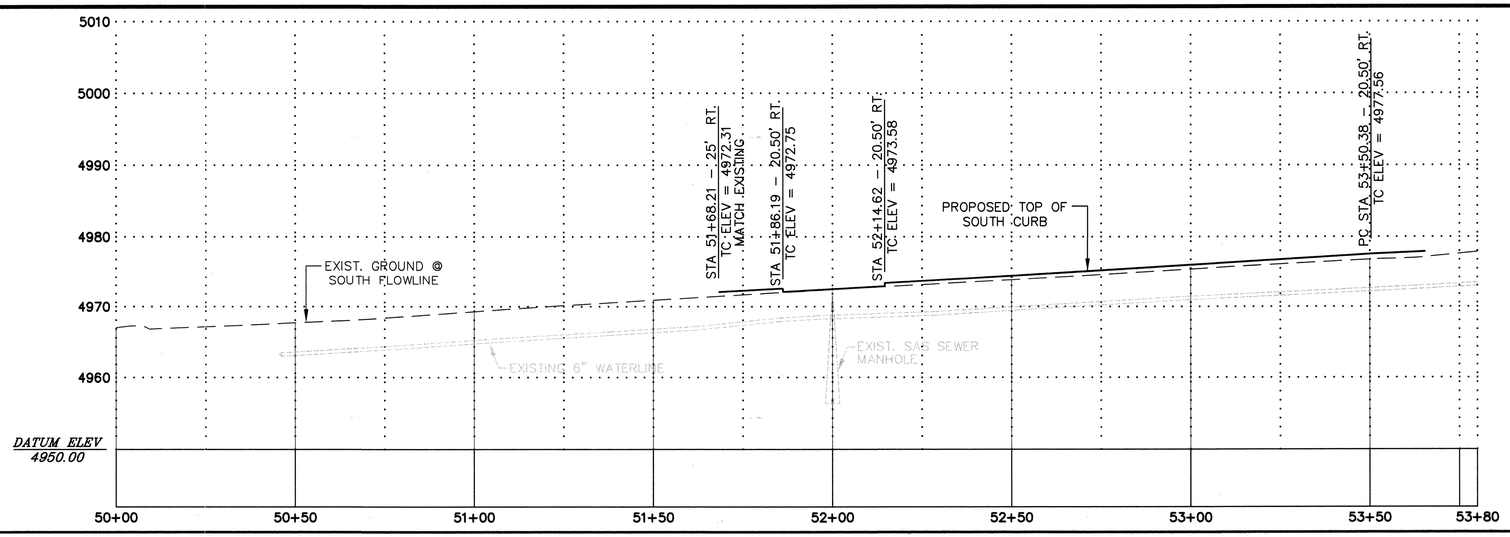


COAL AVENUE
NORTH CURB PROFILE
STA. 50+00.00 - STA. 53+80.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

COAL AVENUE
SOUTH CURB PROFILE
STA. 50+00.00 - STA. 53+80.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

KEYED NOTES

1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'–10½" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 36.
5. PROVIDE 3'–0" MIN CLEAR AT POINTS AND 4'–0" MIN AT OTHER OBSTRUCTIONS.
6. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 36.
7. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
8. BEGIN ASPHALT MILL & OVERLAY, MATCH EXISTING PAVEMENT.
9. STA. 50+63.46 – 24.43' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE.
   T.G. = MATCH EXISTING FLOWLINE
   INV. S = 60.87
10. STA. 51+19.03 – 24.60' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE.
    T.G. = MATCH EXISTING FLOWLINE
    INV. S = 61.98
11. STA. 51+79.85 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE.
    T.G. = 71.82
    INV. S = 63.20
12. STA. 53+38.09 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE.
    T.G. = 76.57
    INV. S = 69.67
13. STA. 50+63.56 – 25.21' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE.
    T.G. = MATCH EXISTING FLOWLINE
    INV. S = 60.82
14. STA. 51+19.13 – 25.21' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE.
    T.G. = MATCH EXISTING FLOWLINE
    INV. S = 61.93
15. STA. 51+79.54 – 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE.
    T.G. = 71.92
    INV. S = 63.14
16. STA. 53+38.09 – 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE.
    T.G. = 76.53
    INV. S = 69.81
17. STA. 52+15.82 – 20.50' RT. CONSTRUCT NEW SIDEWALK CULVERT PER COA STANDARD DRAWING 2236.
18. STA. 52+26.85 – 20.50' RT. CONSTRUCT NEW SIDEWALK CULVERT PER COA STANDARD DRAWING 2236.
19. PLANTERS, SEE LANDSCAPE PLANS. TYP
20. STA. 50+57.92 – 9.75' RT. SEE SHEET 40
21. STA. 51+66.51 – 9.75' RT. SEE SHEET 40
22. STA. 52+91.50 – 9.75' RT. SEE SHEET 40

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTED BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE
CHAVEZ-GRIEVES ENG. | 7/99

ENGINEER'S SEAL
DANIEL R. GRIEVES — STATE OF NEW MEXICO — NO. 6122 — REGISTERED PROFESSIONAL ENGINEER
3, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED	D. GRIEVES	DATE 06/03/02	
DRAWN BY	S. EDINGS	DATE 06/03/02	
CHECKED BY	V. CHAVEZ	DATE 06/03/02	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: COAL AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 50+00.00 – STA. 53+80.00

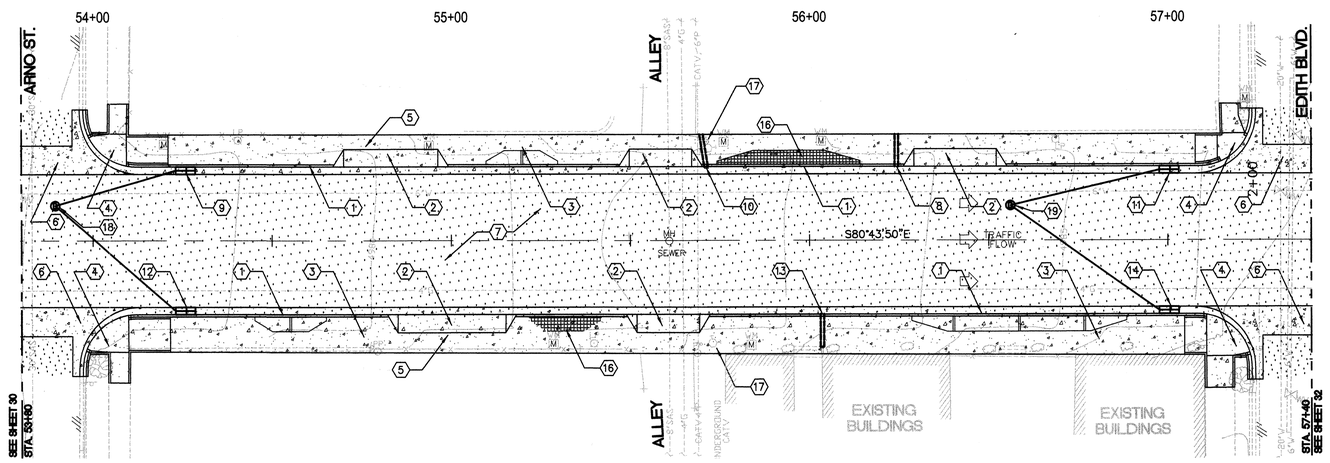
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 10 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	30	57

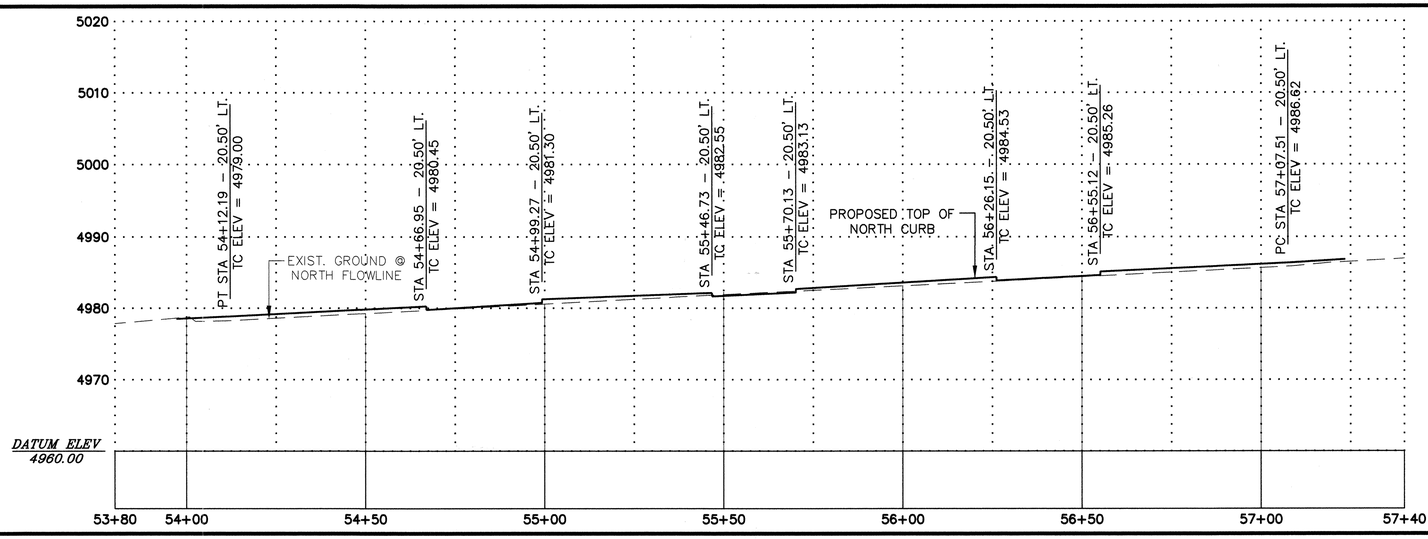
SCANNED BY MESA REPRO

JOB NO. 023-111-0598
PROJECT NO. 5851.91
DRG. PATH: S:\PW\COAL-IMPROVE.DWG (OSD) XCOALIMPROVE.DWG
DATE: 06/03/02 BY: PW
PLOT DATE: 06/17/02 PC: 07-25-02 #

COAL AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00

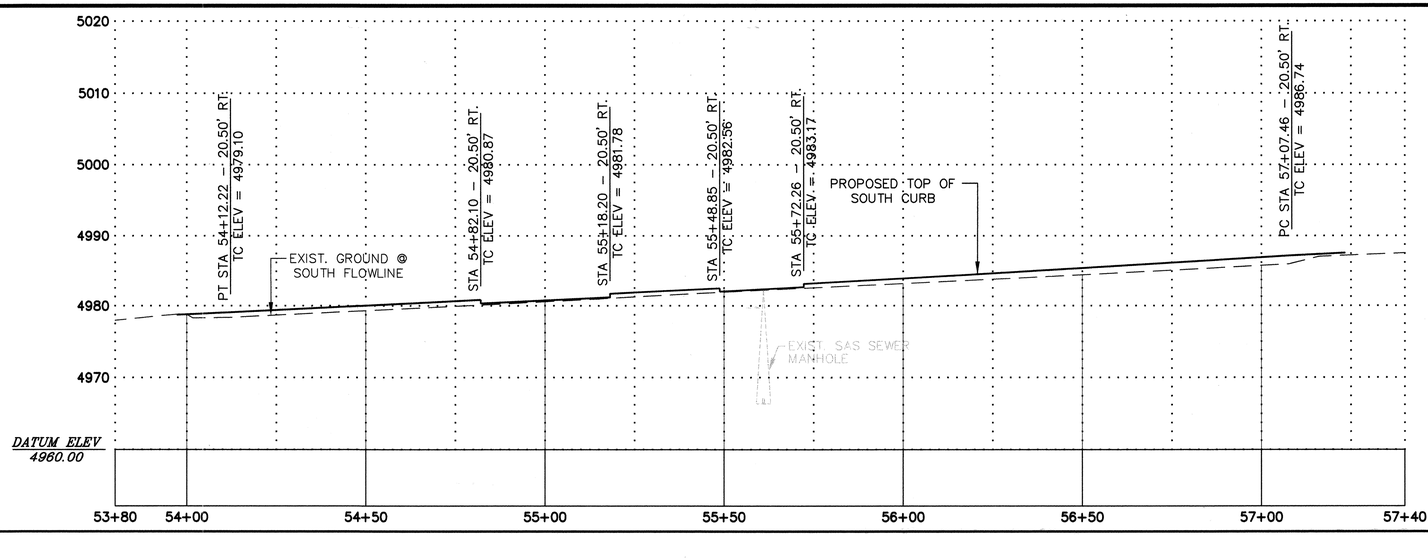


COAL AVENUE
NORTH CURB PROFILE
STA. 53+80.00 - STA. 57+40.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

COAL AVENUE
SOUTH CURB PROFILE
STA. 53+80.00 - STA. 57+40.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

KEYED NOTES

1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'-10½" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 36.
5. PROVIDE 3'-0" MIN CLEAR AT POINTS AND 4'-0" MIN AT OTHER OBSTRUCTIONS.
6. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 36.
7. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
8. STA. 56+24.26 — 20.50' LT. CONSTRUCT NEW SIDEWALK CULVERT PER COA STANDARD DRAWING 2236.
9. STA. 54+26.02 — 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE. T.G. = 78.70 INV. S = 71.82
10. STA. 55+71.12 — 20.50' LT. CONSTRUCT NEW SIDEWALK CULVERT PER COA STANDARD DRAWING 2236.
11. STA. 57+00.61 — 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE. T.G. = 85.77 INV. S = 77.18
12. STA. 54+26.02 — 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE. T.G. = 78.78 INV. S = 71.99
13. STA. 56+03.57 — 20.50' RT. CONSTRUCT NEW SIDEWALK CULVERT PER COA STANDARD DRAWING 2236.
14. STA. 57+00.61 — 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE. T.G. = 85.89 INV. S = 77.04
15. NOT USED
16. PLANTERS, SEE LANDSCAPE PLANS. TYP
17. EXISTING CROSS SIGNALS/FLASHERS TO REMAIN. DIRECT ANY QUERIES ON TRAFFIC CONTROL & SIGNALIZATION TO COA TRAFFIC ENGINEER, WHO SHALL DIRECT CONTRACTOR.
18. STA. 53+89.41 — 9.75' RT. SEE SHEET 41
19. STA. 56+56.02 — 9.75' RT. SEE SHEET 41

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTION & ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL
DAVID N. GRIEVES — STATE OF NEW MEXICO — NO. 6127 — REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED D. GRIEVES	DATE 06/03/02
		DRAWN BY S. EDINGS	DATE 06/03/02
		CHECKED BY V. CHAVEZ	DATE 06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: COAL AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 53+80.00 — STA. 57+40.00

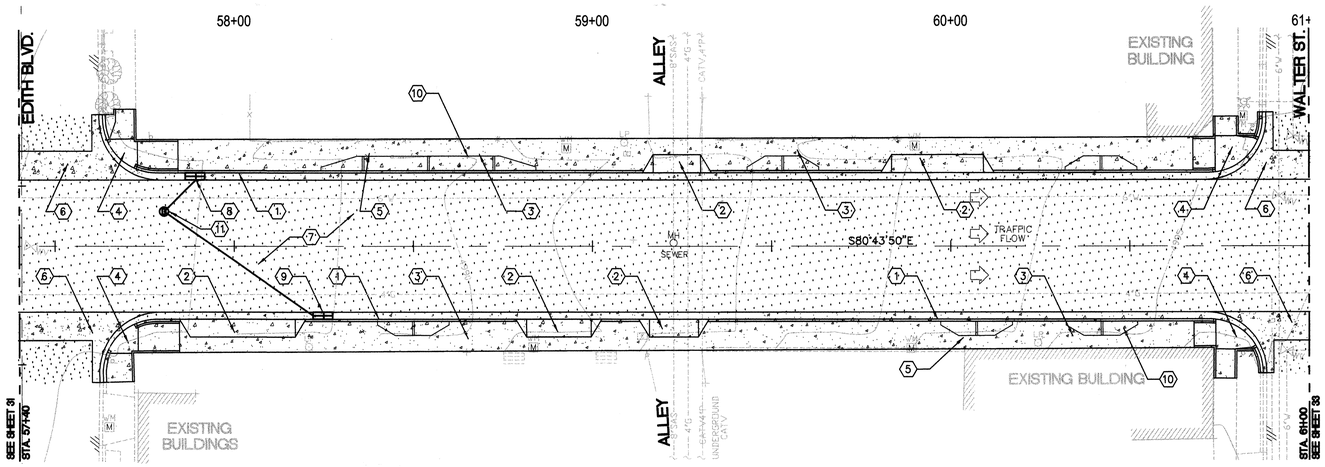
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	31	57

SCANNED BY MESA REPRO

JOB NO. 003-111-2998
FILE NO. C-03-111-2998 COAL_IMPROVE.DWG (XREF) XCOALIMPROVE.DWG
DWG./TECH. BY PV
DATE: 06/03/02 PC---01-25-02 JE

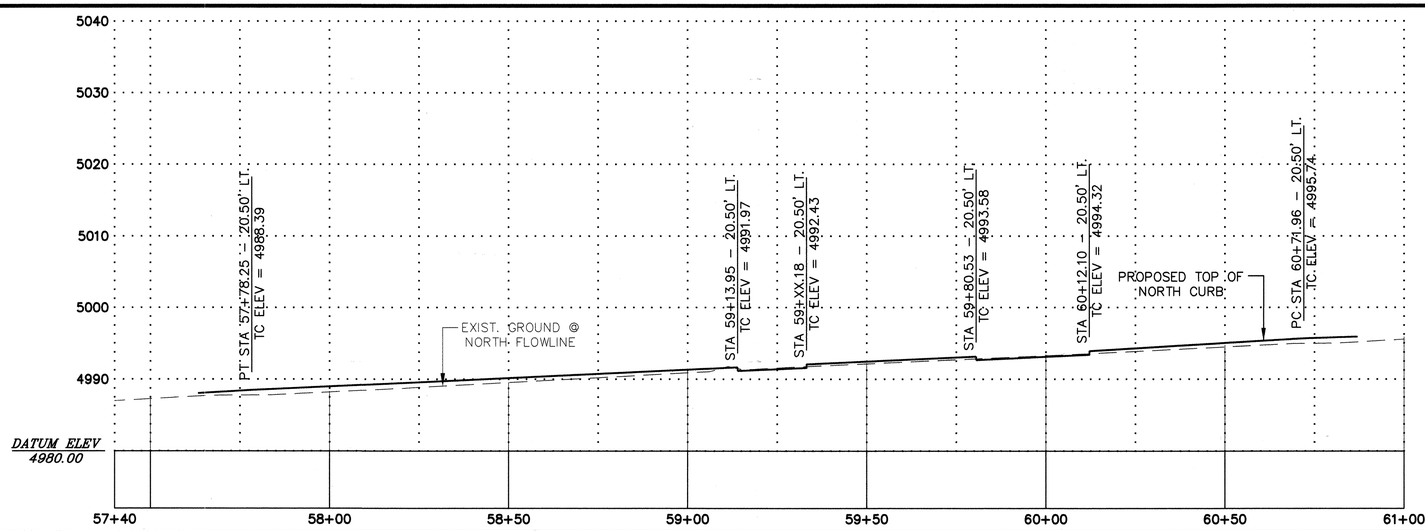
COAL AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00



KEYED NOTES

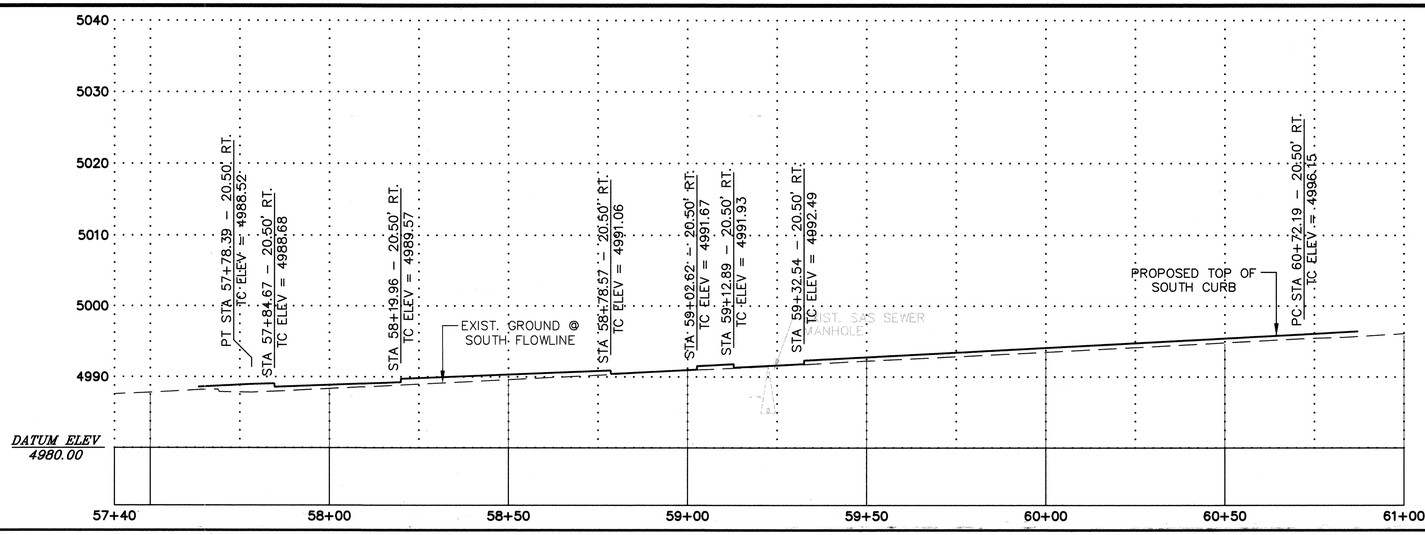
1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'-10½" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 36.
5. PROVIDE 3'-0" MIN CLEAR AT POINTS AND 4'-0" MIN AT OTHER OBSTRUCTIONS.
6. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 36.
7. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
8. STA. 57+89.29 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE.
   T.G. = 88.01
   INV. S = 81.57
9. STA. 58+24.96 – 20.50' RT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE.
   T.G. = 89.03
   INV. S = 82.37
10. PLANTERS, SEE LANDSCAPE PLANS. TYP
11. STA. 57+80.38 – 9.75 RT. SEE SHEET 41

COAL AVENUE
NORTH CURB PROFILE
STA. 57+40.00 - STA. 61+00.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

COAL AVENUE
SOUTH CURB PROFILE
STA. 57+40.00 - STA. 61+00.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
WORK INSPECTED BY — DATE
ACCEPTANCE BY — DATE
FIELD FABRICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL
DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 6127 — REGISTERED PROFESSIONAL ENGINEER

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED D. GRIEVES	DATE 06/03/02
		DRAWN BY S. EDINGS	DATE 06/03/02
		CHECKED BY V. CHAVEZ	DATE 06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: COAL AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 57+40.00 – STA. 61+00.00

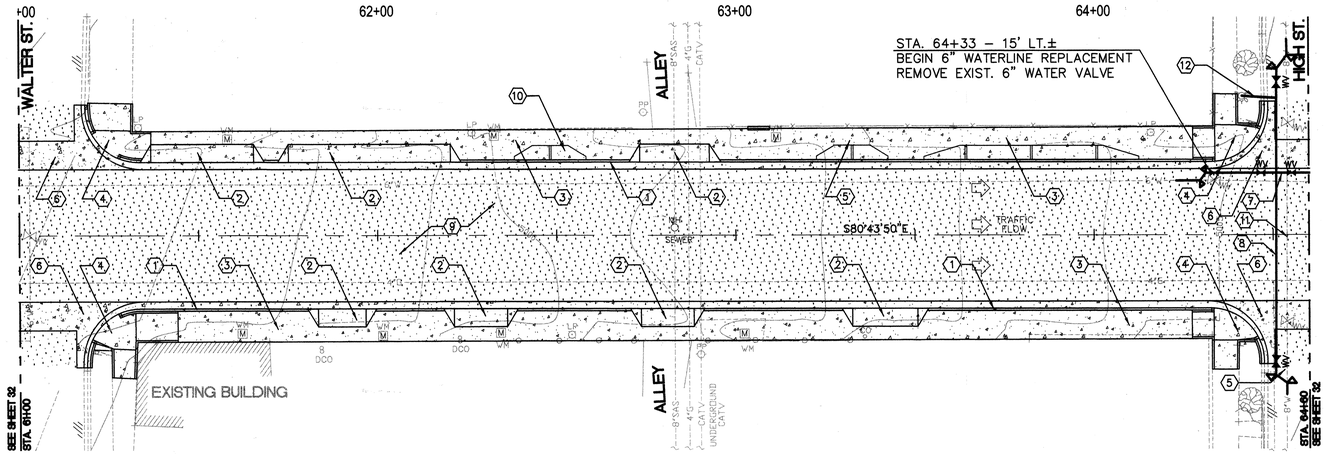
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	32	57

SCANNED BY MESA REPRO

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PLOTTED BY=Vince Chavez
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XREF NAME=
XREF NAME=

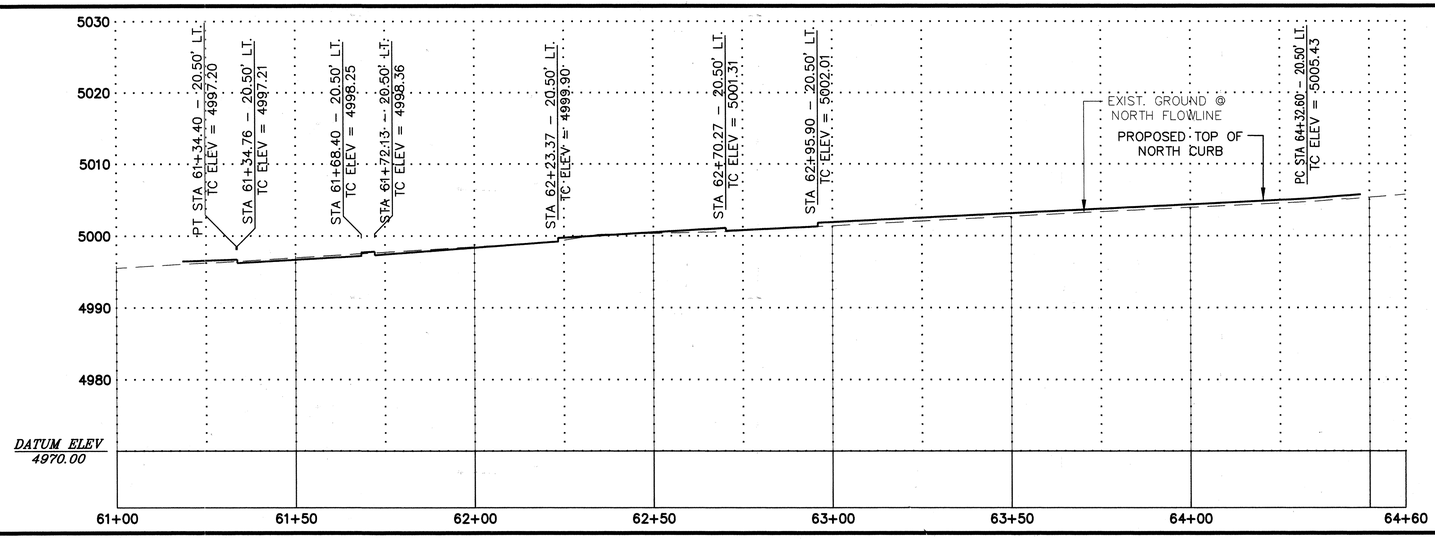
COAL AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00



KEYED NOTES

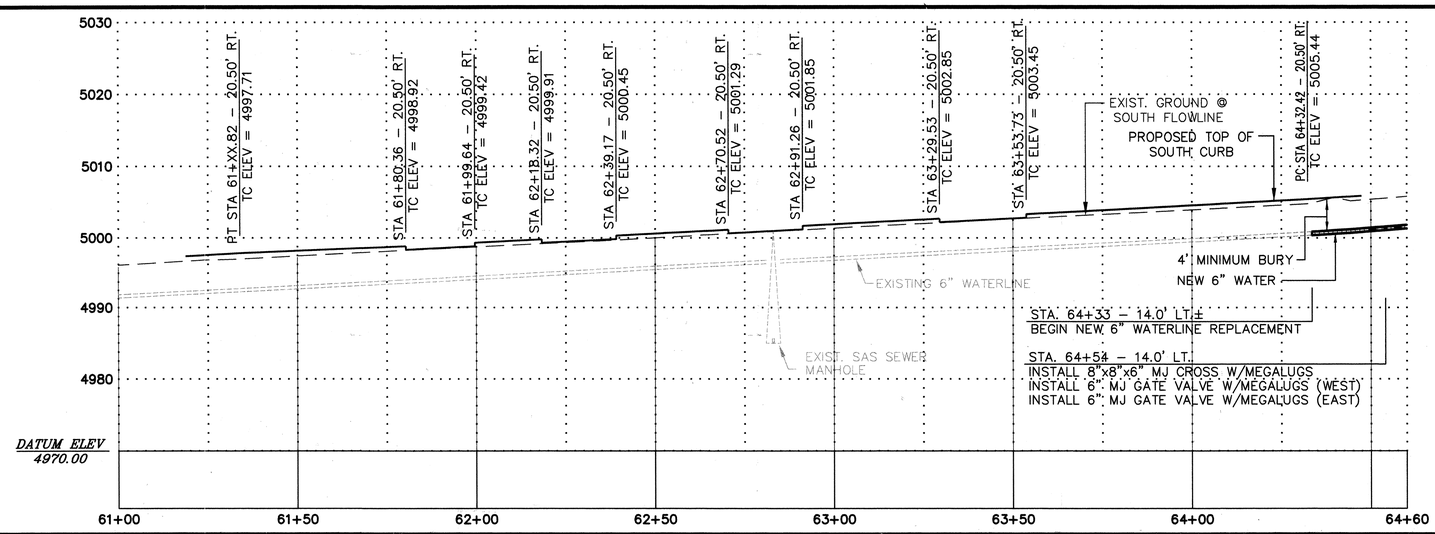
1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'–10 1/2" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 36.
5. PROVIDE 3'–0" MIN CLEAR AT POINTS AND 4'–0" MIN AT OTHER OBSTRUCTIONS.
6. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 36.
7. NEW 6" D.I. WATERLINE SHALL BE RESTRAINED JOINT FROM STA. 64+33 – 15' LT.± TO STA. 64+99 – 14' LT. ±
8. 8" WATERLINE REPLACEMENT, SEE SHEET 53.
9. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
10. PLANTERS, SEE LANDSCAPE PLANS. TYP
11. CUT AND CAP EXISTING WATERLINE. ABANDON IN PLACE.
12. RECONNECT EXISTING FIRE HYDRANT TO NEW WATER LINE.

COAL AVENUE
NORTH CURB PROFILE
STA. 61+00.00 - STA. 64+60.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

COAL AVENUE
SOUTH CURB PROFILE
STA. 61+00.00 - STA. 64+60.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY DATE
WORK COMPLETED BY DATE
ACCEPTANCE BY DATE
VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE
CHAVEZ-GRIEVES ENG. 7/99

ENGINEER'S SEAL
DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6121
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED	D. GRIEVES	DATE 06/03/02	
DRAWN BY	S. EDINGS	DATE 06/03/02	
CHECKED BY	V. CHAVEZ	DATE 06/03/02	

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: COAL AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 61+00.00 – STA. 64+60.00

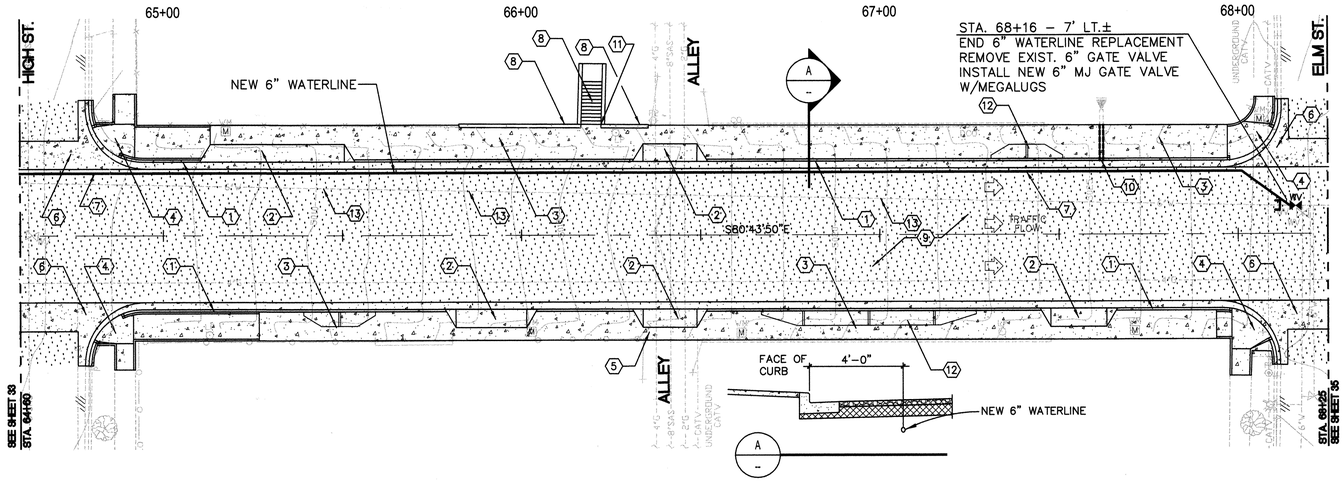
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	33	57

SCANNED BY MESA REPRO

JOB NO. 023-1111-3998
DRAWING NAME: 5851JD1 (COAL-IMPROVE.DWG)
FILE(S) SCALED BY: (NA)
DATE SCALED: 06/17/02 PS — 01-28-02 #1

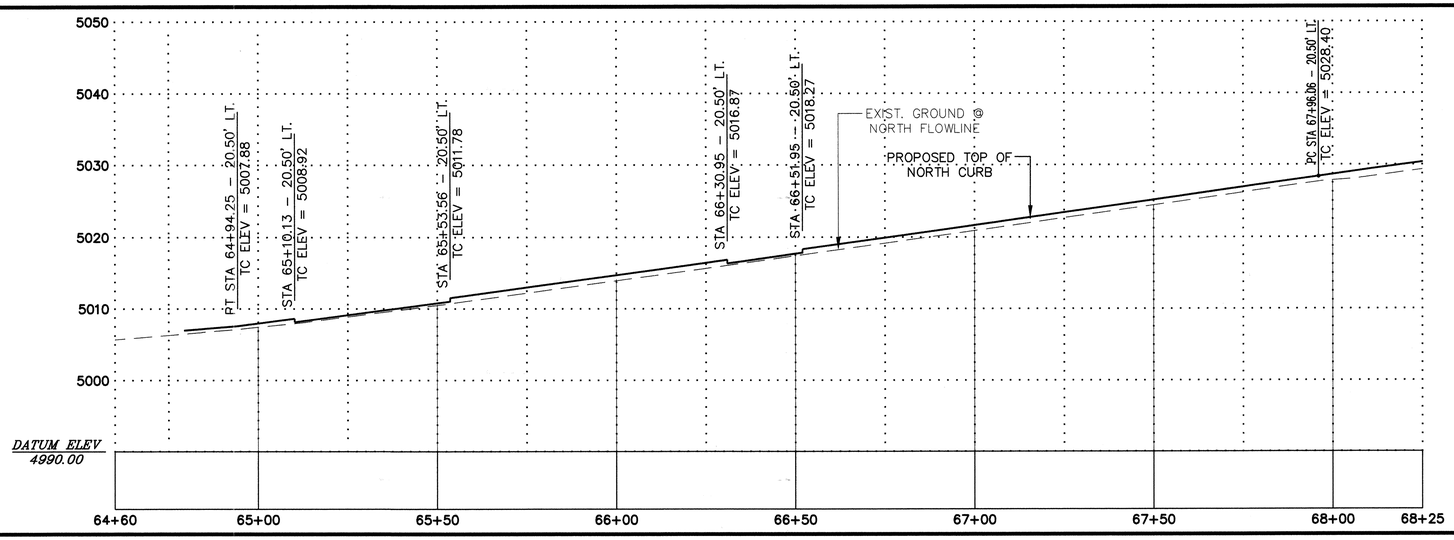
COAL AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



KEYED NOTES

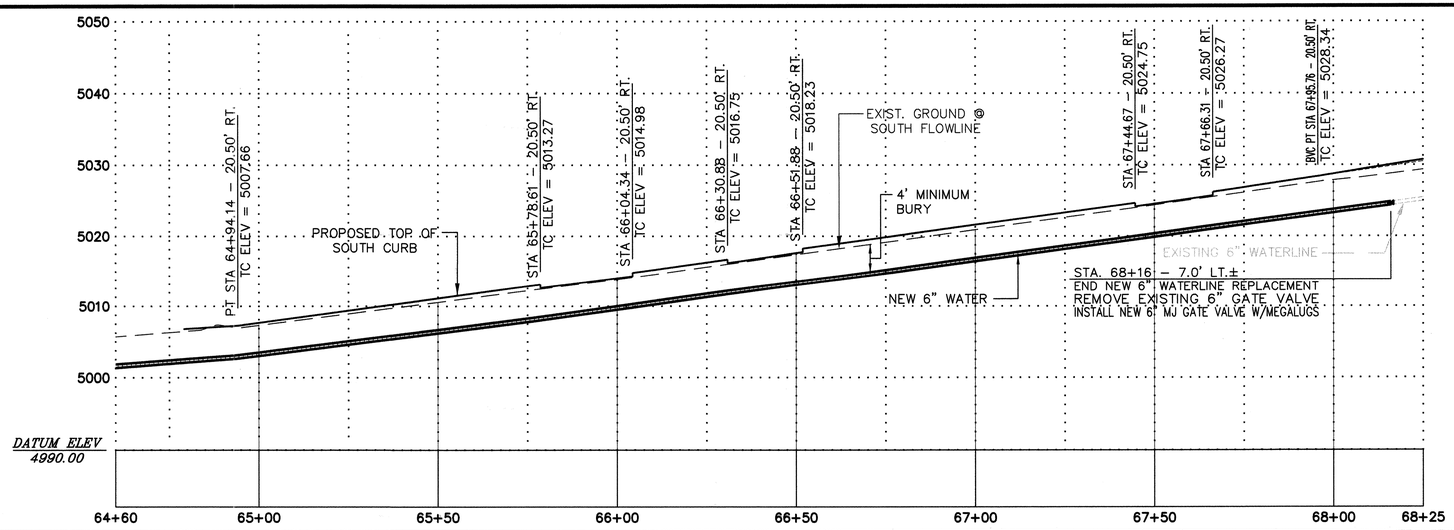
1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'-10½" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 36.
5. PROVIDE 3'-0" MIN CLEAR AT POINTS AND 4'-0" MIN AT OTHER OBSTRUCTIONS.
6. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 36.
7. NEW 6" D.I. WATERLINE SHALL BE RESTRAINED JOINT FROM STA. 64+33 - 15' LT.± TO STA. 68+16 - 7' LT. ±
8. NEW CONCRETE RETAINING WALL AND NEW CONCRETE STAIRWAY, SEE SHEET 54.
9. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
10. STA. 67+61.89 - 20.50' LT. CONSTRUCT NEW SIDEWALK CULVERT PER COA STANDARD DRAWING 2236.
11. NOSE OF BOTTOM TREAD TO BE FLUSH WITH INSIDE FACE OF RETAINING WALL, SEE SHEET 54.
12. PLANTERS, SEE LANDSCAPE PLANS. TYP
13. CUT AND CAP EXISTING WATERLINE. ABANDON IN PLACE.

COAL AVENUE
NORTH CURB PROFILE
STA. 64+60.00 - STA. 68+25.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

COAL AVENUE
SOUTH CURB PROFILE
STA. 64+60.00 - STA. 68+25.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

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CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
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AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY — DATE
WORK COMPLETED — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL
DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 6127 — REGISTERED PROFESSIONAL ENGINEER
June 3, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED	D. GRIEVES	DATE 06/03/02	
DRAWN BY	S. EDINGS	DATE 06/03/02	
CHECKED BY	V. CHAVEZ	DATE 06/03/02	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: COAL AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 64+60.00 - STA. 68+25.00

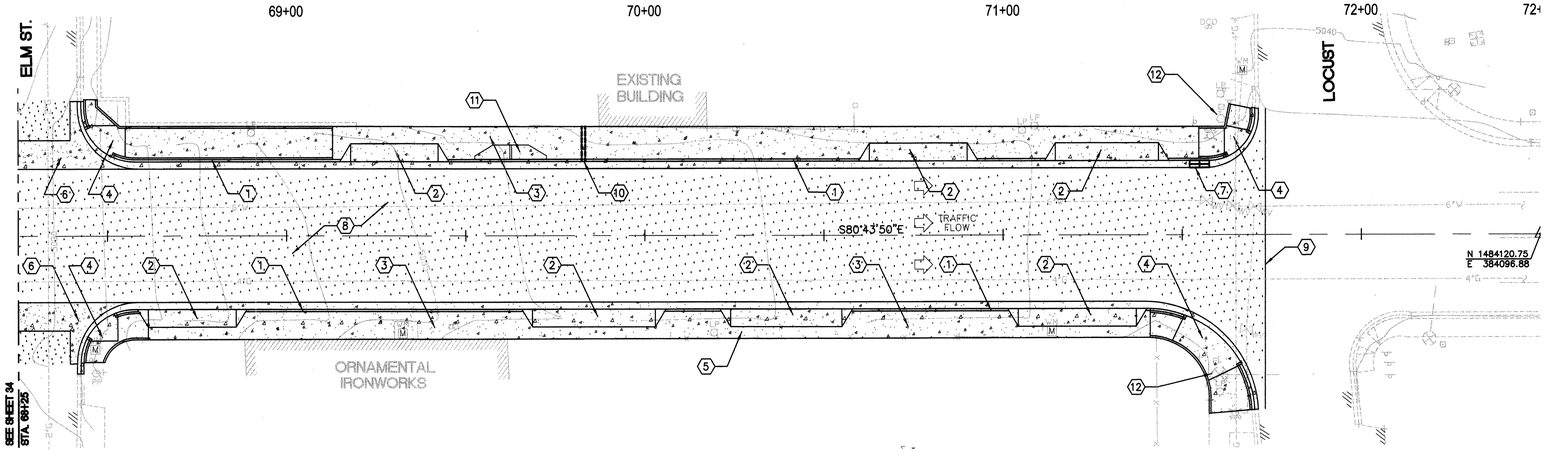
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
JUL 18 2002 DESIGN REVIEW COMMITTEE	JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	34	57

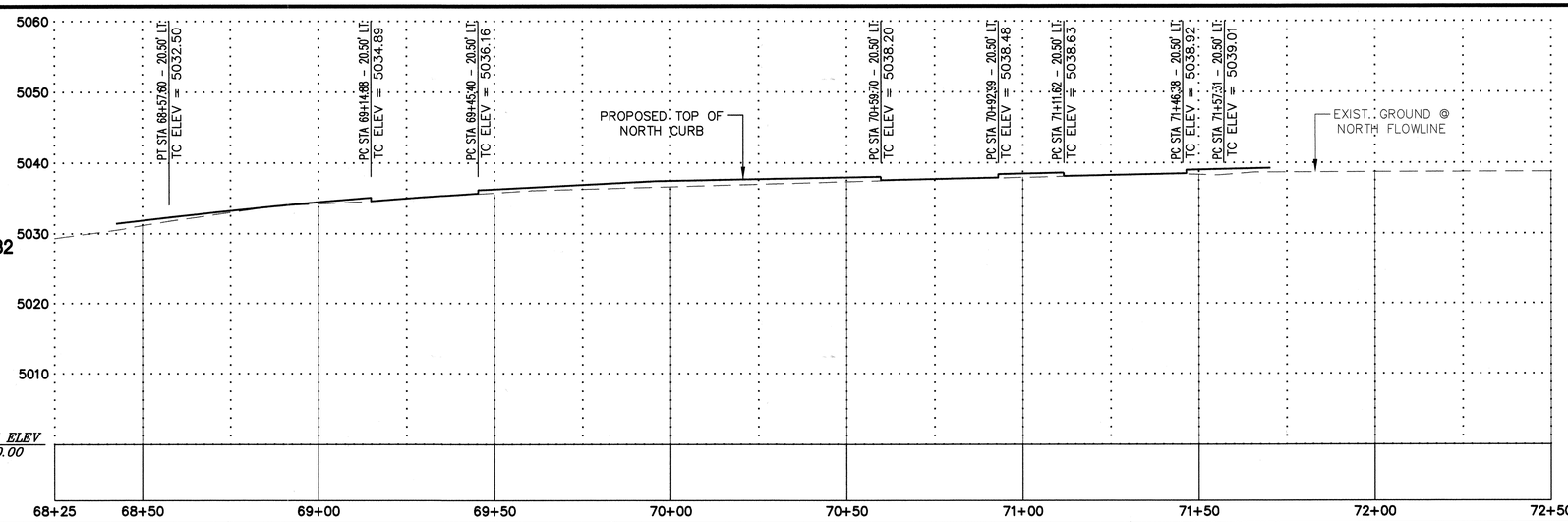
SCANNED BY
CITY OF MESA REPRO

JOB NO. 025-111-2598
FILE: C:\PROJECTS\COAL-IMPROVE.DWG (XREF): XCOALIMPROVE.DWG)
DWG PLOTS BY PW
DATE: 06/11/02 PW — 10:28:02 AM

COAL AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.32

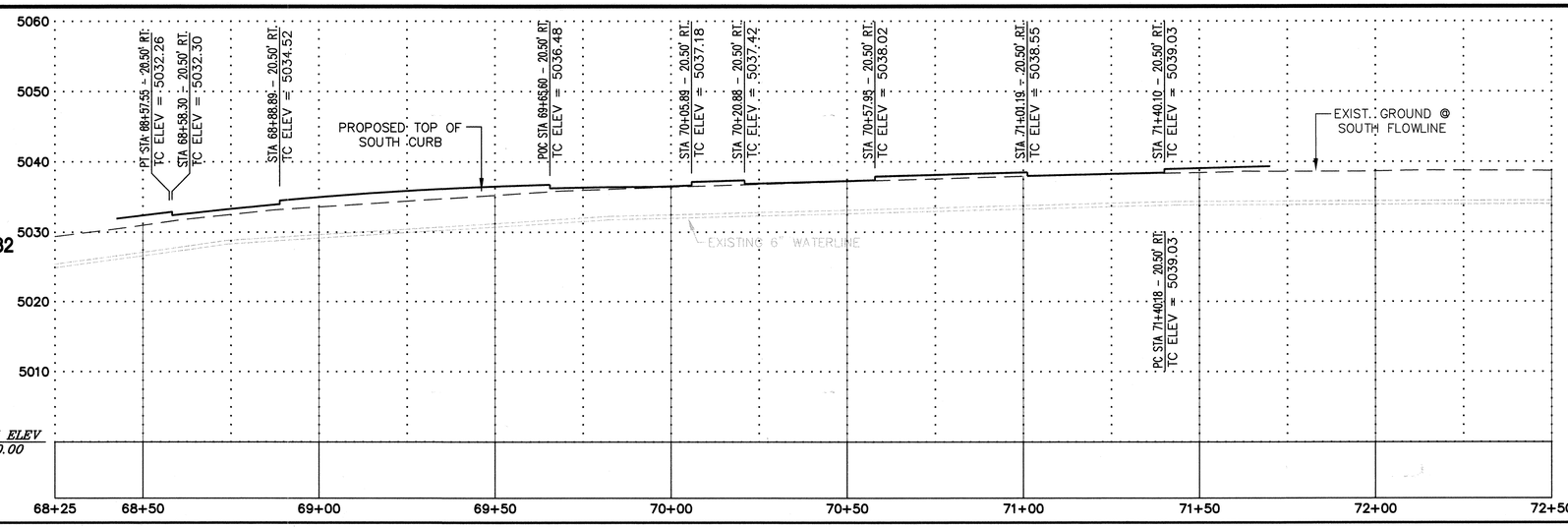


COAL AVENUE
NORTH CURB PROFILE
STA. 68+25.00 - STA. 71+73.32



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

COAL AVENUE
SOUTH CURB PROFILE
STA. 68+25.00 - STA. 71+73.32



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

KEYED NOTES

1. NEW STANDARD CURB & GUTTER PER COA STANDARD DRAWING 2415.
2. NEW DRIVEPAD PER COA STANDARD DRAWING 2425.
3. NEW 8'-10½" SIDEWALK PER COA STANDARD DRAWING 2430.
4. NEW WHEELCHAIR RAMP, SEE SHEET 36.
5. PROVIDE 3'-0" MIN CLEAR AT POINTS AND 4'-0" MIN AT OTHER OBSTRUCTIONS.
6. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420. SEE SHEET 36.
7. STA. 71+54.83 – 20.50' LT. CONSTRUCT NEW TYPE "A" STORM INLET PER COA STANDARD DRAWING 2201. CONNECT TO EXISTING PIPE.
   T.G. = 37.94
   INV. S = 35.45±
8. 1 1/2" ASPHALT PAVEMENT MILL & OVERLAY.
9. END ASPHALT MILL & OVERLAY. MATCH EXISTING ASPHALT.
10. STA. 69+82.92 – 20.50' LT. CONSTRUCT NEW SIDEWALK CULVERT PER COA STANDARD DRAWING 2236.
11. PLANTERS, SEE LANDSCAPE PLANS. TYP
12. EXISTING TRAFFIC SIGNALS TO REMAIN

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTION BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE
CHAVEZ-GRIEVES ENG. | 7/99

ENGINEER'S SEAL
DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6127
REGISTERED PROFESSIONAL ENGINEER
May 31 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED	06/03/02	D. GRIEVES	
DRAWN BY	06/03/02	S. EDINGS	
CHECKED BY	06/03/02	V. CHAVEZ	

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

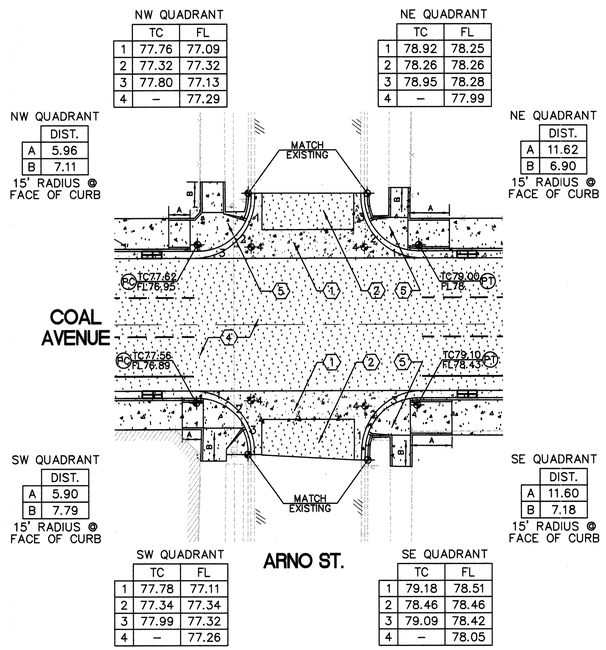
TITLE: COAL AVENUE IMPROVEMENTS
PLAN AND PROFILE
STA. 68+25.00 – STA. 71+73.32

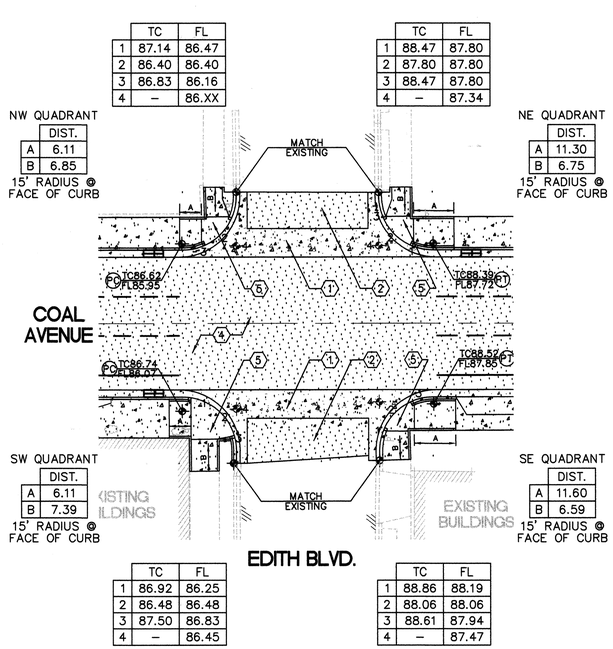
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

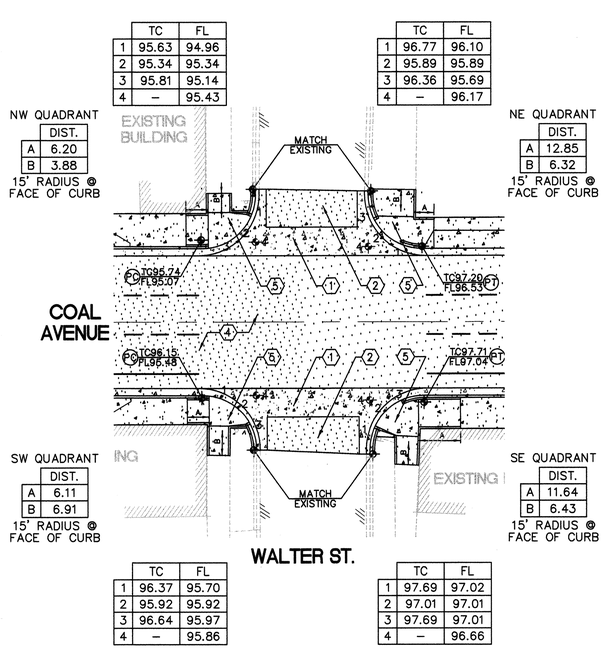
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	35	57

SCANNED BY MESA REPRO

ACS NO. 025-111-2598
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DWG: 7/5/2002 9:47:25
DATE: 06/11/02 PC: 10:05:02 R

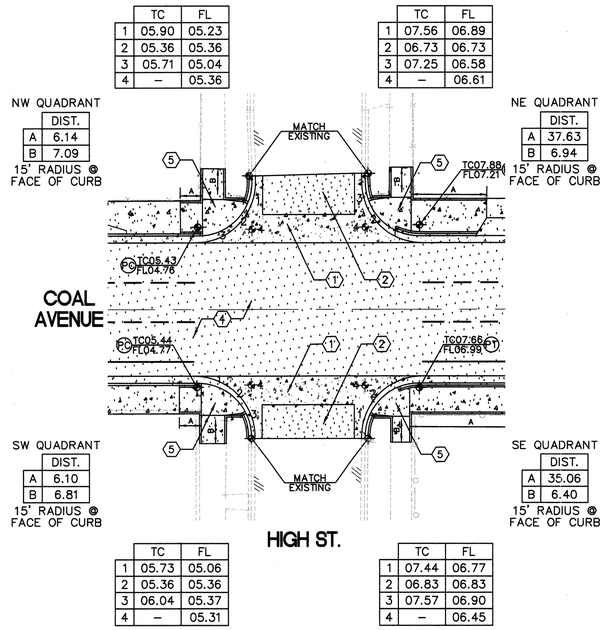


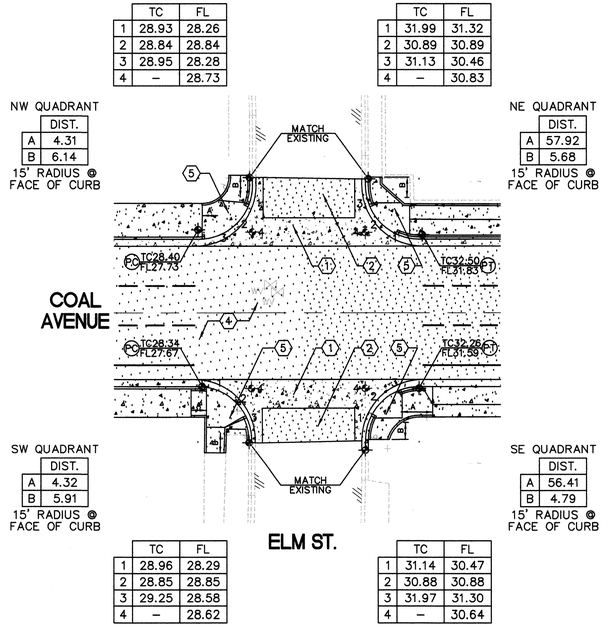


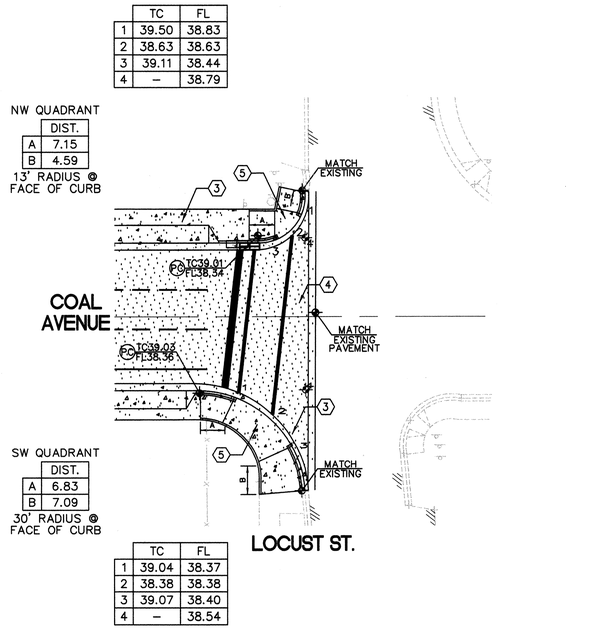


KEYED NOTES

1. NEW CONCRETE VALLEY GUTTER PER COA STANDARD DRAWING 2420.
2. NEW RESIDENTIAL ASPHALT PAVEMENT PER COA STANDARD DRAWING 2405. SAWCUT EXISTING PAVEMENT AT CURB RETURNS AND MATCH NEW PAVEMENT TO EXISTING.
3. PROVIDE 3'–0" MIN CLEAR AT POINTS AND 4'–0" MIN AT OTHER OBSTRUCTIONS.
4. 1–½" ASPHALT PAVEMENT MILL & OVERLAY.
5. HANDICAP ACCESS RAMP, SEE DETAIL SHEET 53.







ELEVATIONS ARE IN NGVD 29

FOR INFORMATION ONLY

GRAPHIC SCALE

0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

SCANNED BY
MESA REPRO

JOB NO. 5851.91 (COAL-INTERSECTIONS.DWG)(REF: XCOALCOAL-IMPROVE.DWG)
PLOTTED BY PG
DWG TIME 07:10:11
DATE 10/03/02

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
FINAL INSPECTION & ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS
ACS CONTROL STATION "5–K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE
CHAVEZ–GRIEVES ENG. | 7/99

ENGINEER'S SEAL
DAVID H. GRIEVES, STATE OF NEW MEXICO, NEW MEXICO ENGINEER, NO. 6127, REGISTERED PROFESSIONAL ENGINEER
Dec 4, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED D. GRIEVES	DATE 06/03/02
		DRAWN BY S. EDINGS	DATE 06/03/02
		V. CHAVEZ V. CHAVEZ	DATE 06/03/02

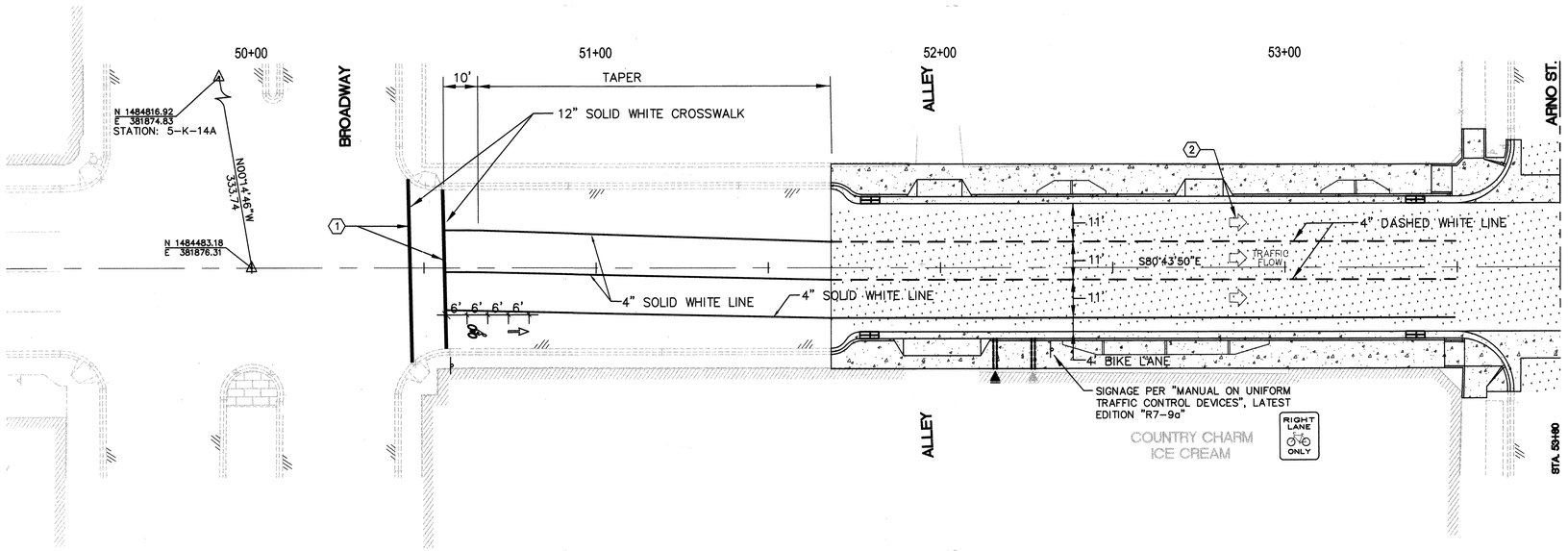
CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344–4080 • FAX (505) 343–8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

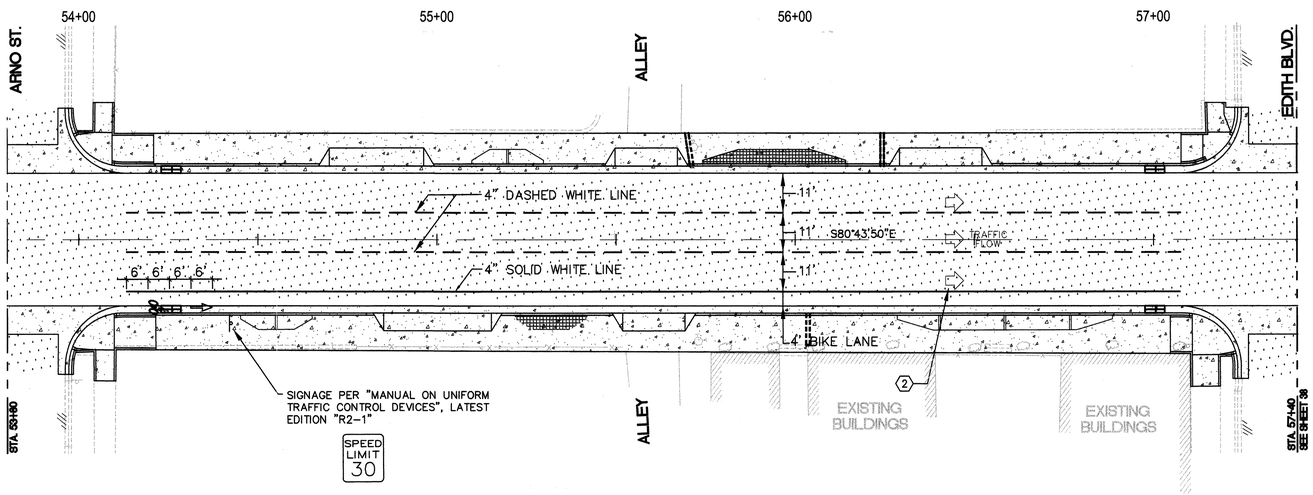
TITLE: COAL AVENUE IMPROVEMENTS INTERSECTION PLANS

Design Review Committee: APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 18 2002 CITY ENGINEER
Last Design Update — Mo./Day/Yr. — Mo./Day/Yr.

City Project No. 5851.91 | Zone Map No. K-14-Z, K-15-Z | Sheet 36 Of 57



COAL AVENUE (60' R/W)
STA. 52+07.87 - STA. 53+80.00



COAL AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00

ELEVATIONS ARE IN NGVD 29

KEYED NOTES

1. CROSSWALKS SHALL BE MEASURED 10' FROM INSIDE EDGE TO INSIDE EDGE OF STRIPE.
2. FLOW ARROWS ARE SHOWN FOR REFERENCE ONLY DO NOT CONSTRUCT.
3. LAYOUT OF STRIPING AS PER PLANS. PRIOR TO FINAL MARKINGS, MEET WITH CITY TRAFFIC ENGINEER TO CONFIRM LOCATION.

AS BUILT INFORMATION

CONTRACTOR

WORK STARTED BY — DATE
WORK COMPLETED — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL

DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 6127 — REGISTERED PROFESSIONAL ENGINEER

FOR INFORMATION ONLY

NORTH

GRAPHIC SCALE

0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED D. GRIEVES	DATE 06/03/02
		DRAWN BY S. EDINGS	DATE 06/03/02
		CHECKED BY V. CHAVEZ	DATE 06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

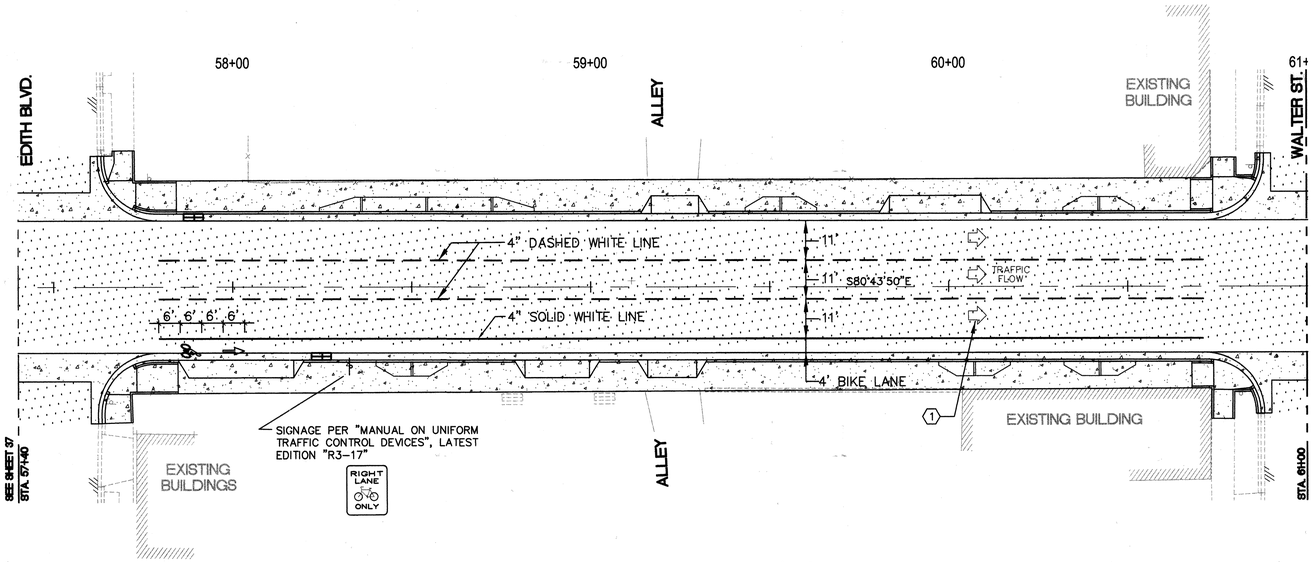
TITLE: COAL AVENUE IMPROVEMENTS
STRIPING PLAN
STA. 52+07.87 – STA. 57+40.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

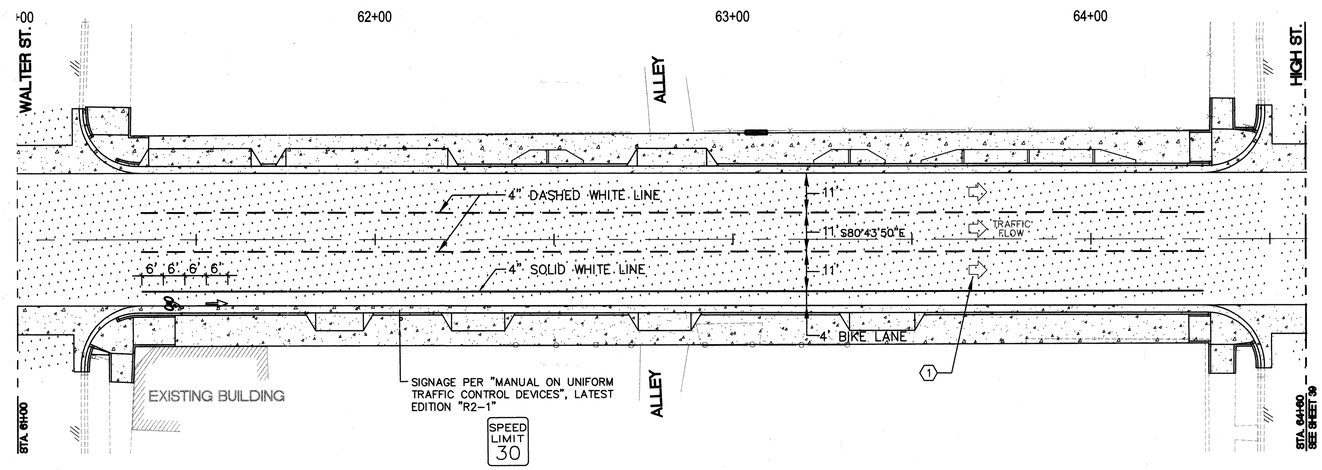
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	37	57

SCANNED BY MESA REPRO

ADB NO. 0351111-02MB
PROJECT NO. 5851.91 (COAL-STRIPE.DWG/RDT-XCOALIMPROVE.DWG)
DRN: RDT CK: DHG DATE: 06-29-02 #



COAL AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00



COAL AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00

ELEVATIONS ARE IN NGVD 29

KEYED NOTES

1. FLOW ARROWS ARE SHOWN FOR REFERENCE ONLY DO NOT CONSTRUCT.
2. LAYOUT OF STRIPING AS PER PLANS. PRIOR TO FINAL MARKINGS, MEET WITH CITY TRAFFIC ENGINEER TO CONFIRM LOCATION.

AS BUILT INFORMATION

CONTRACTOR

	DATE
WORK STAKED BY	
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL

DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 6127 — REGISTERED PROFESSIONAL ENGINEER
7 Aug 02

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	D. GRIEVES
		DRAWN BY	S. EDINGS
		CHECKED BY	V. CHAVEZ

DATE 06/03/02
DATE 06/03/02
DATE 06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

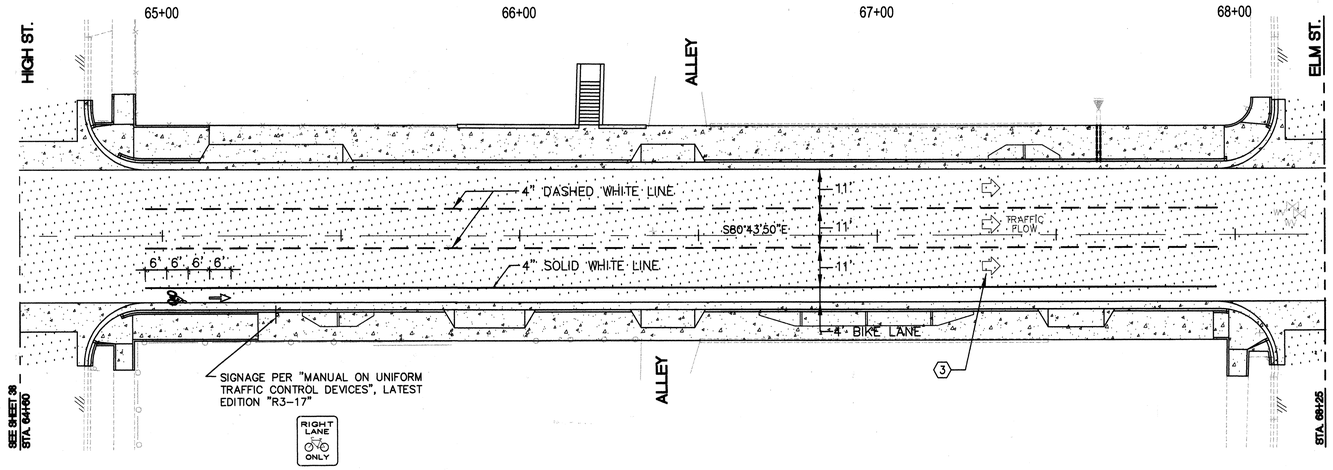
TITLE: COAL AVENUE IMPROVEMENTS
STRIPING PLAN
STA. 57+40.00 – STA. 64+60.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

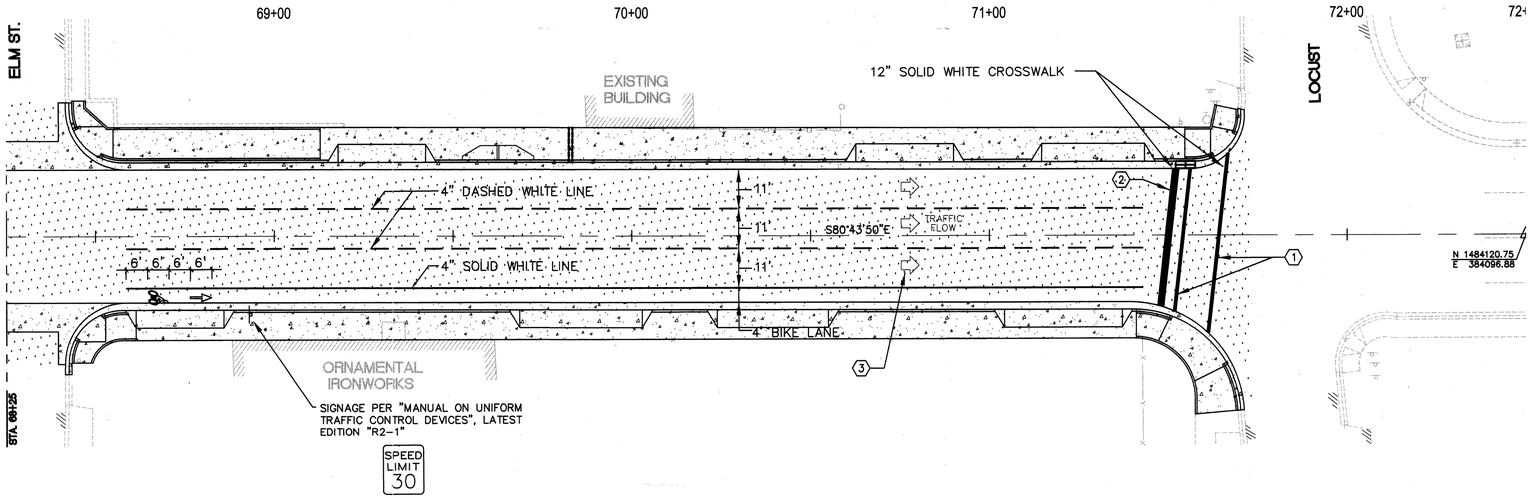
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	38	57

SCANNED BY
MESA REPRO

ACAD NO. C03-111-2048
ACAD FILE NAME: C:\ACAD\FINAL\COAL-STRIPE.DWG(MODEL SPACE)
DRAWING SETUP: ANSI B.DWG
PLOTTED BY: ---- 01-29-02 @



COAL AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



COAL AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.32

ELEVATIONS ARE IN NGVD 29

KEYED NOTES

1. CROSSWALKS SHALL BE MEASURED 10' FROM INSIDE EDGE TO INSIDE EDGE OF STRIPE.
2. STOP BARS SHALL BE OFFSET 4' FROM CROSSWALKS.
3. FLOW ARROWS ARE SHOWN FOR REFERENCE ONLY DO NOT CONSTRUCT.
4. LAYOUT OF STRIPING AS PER PLANS. PRIOR TO FINAL MARKINGS, MEET WITH CITY TRAFFIC ENGINEER TO CONFIRM LOCATION.

GRAPHIC SCALE

0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 351874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION

CONTRACTOR
WORK STARTED BY — DATE
INSPECTOR'S FIELD DISTANCE BY — DATE
VERIFICATION BY — DATE
CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

ENGINEER'S SEAL

DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 6123 — REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	D. GRIEVES — DATE 06/03/02
		DRAWN BY	S. EDINGS — DATE 06/03/02
		CHECKED BY	V. CHAVEZ — DATE 06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: COAL AVENUE IMPROVEMENTS
STRIPING PLAN
STA. 64+60.00 – STA. 71+73.32

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

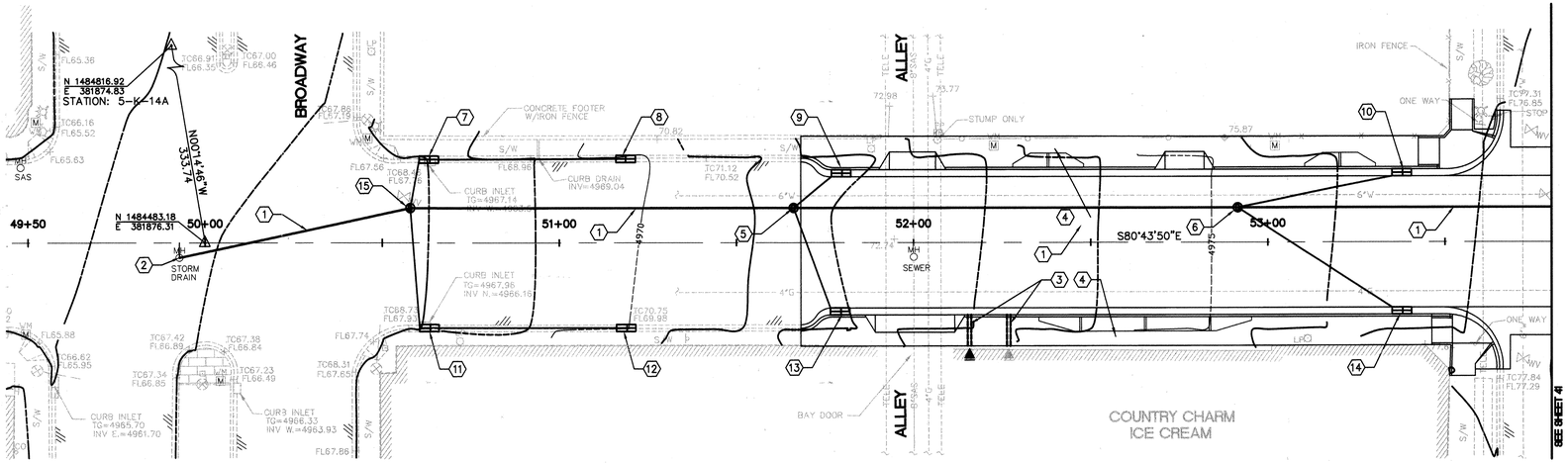
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	39	57

SCANNED BY
MESA REPRO

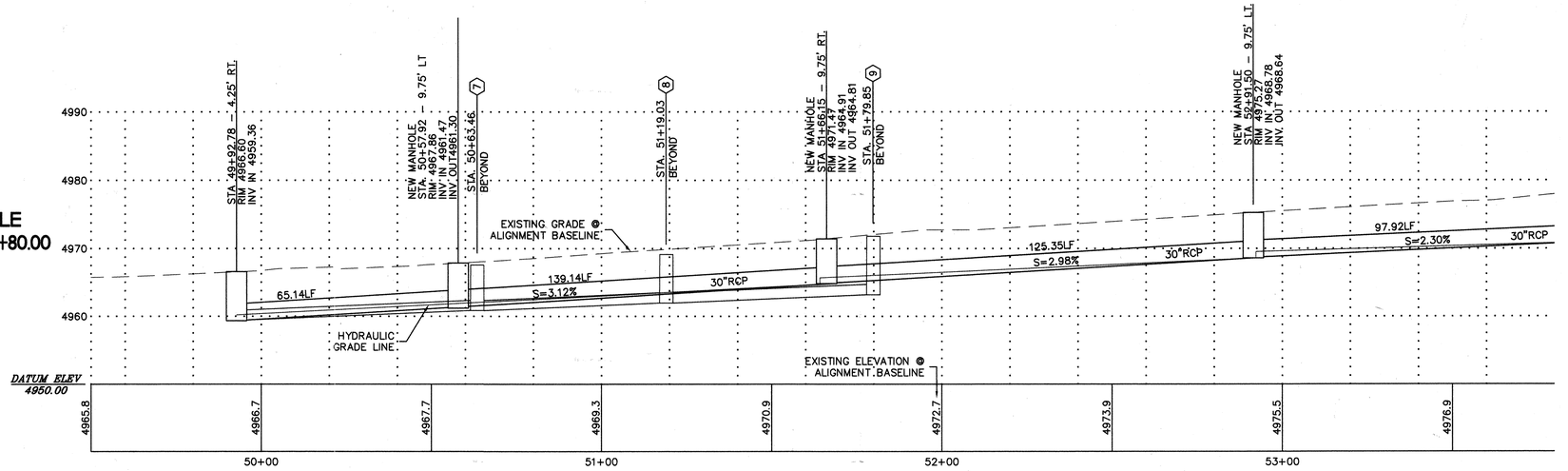
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FILE: G:\DRAWINGS\COAL-STRIP\COAL-STRIPE.DWG(OBJECT: XCOALIMPROVE.DWG)
DWG: 05/15/02 BY PW
ENV: 05/15/02 BY --- 01-29-02

SCANNED BY
MESA REPRO

COAL AVENUE (60' R/W)
STORM DRAIN PLAN
STA. 49+50.00 - STA. 53+80.00



COAL AVENUE
STORM DRAIN PROFILE
STA. 49+50.00 - STA. 53+80.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

ELEVATIONS ARE IN NGVD 29

KEYED NOTES

1. INSTALL 30" RCP.
2. CONNECT NEW STORM PIPES TO EXISTING MANHOLE.
3. CONSTRUCT 1' WIDE SIDEWALK CULVERT PER COA STD DWG 2236.
4. PROVIDE 3'-0" MIN CLEAR AT POINTS AND 4'-0" MIN AT OTHER OBSTRUCTIONS.
5. STA. 51+66.15 – 9.75' RT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.
6. STA. 52+91.50 – 9.75' LT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.
7. STA. 50+63.46 – 24.43' LT. REMOVE AND REPLACE TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201.
   T.G. = MATCH EXISTING FLOWLINE
   INV. S = 61.82
8. STA. 51+19.03 – 24.60' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201.
   T.G. = MATCH EXISTING FLOWLINE
   INV. S = 61.98
9. STA. 51+79.85 – 20.50' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201.
   T.G. = 71.82
   INV. S = 65.26
10. STA. 53+38.09 – 20.50' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201.
    T.G. = 76.57
    INV. S = 69.67
11. STA. 50+63.56 – 25.21' RT. REMOVE AND REPLACE TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201.
    T.G. = MATCH EXISTING FLOWLINE
    INV. S = 61.82
12. STA. 51+19.13 – 25.21' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201.
    T.G. = MATCH EXISTING FLOWLINE
    INV. S = 61.93
13. STA. 51+79.54 – 20.50' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201.
    T.G. = 71.92
    INV. S = 65.26
14. STA. 53+38.09 – 20.50' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201.
    T.G. = 76.53
    INV. S = 69.81
15. STA. 50+57.92 – 9.75' LT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS COMPILED BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6121
REGISTERED PROFESSIONAL ENGINEER
June 3 2002

NO.	DATE	REMARKS / REVISIONS	BY
		DESIGN	D. GRIEVES 06/03/02
			DESIGNED
			S. EDINGS 06/03/02
			DRAWN BY
			V. CHAVEZ 06/03/02
			CHECKED BY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: COAL AVENUE IMPROVEMENTS
STORM DRAIN PLAN AND PROFILE
STA. 49+50.00 – STA. 53+80.00

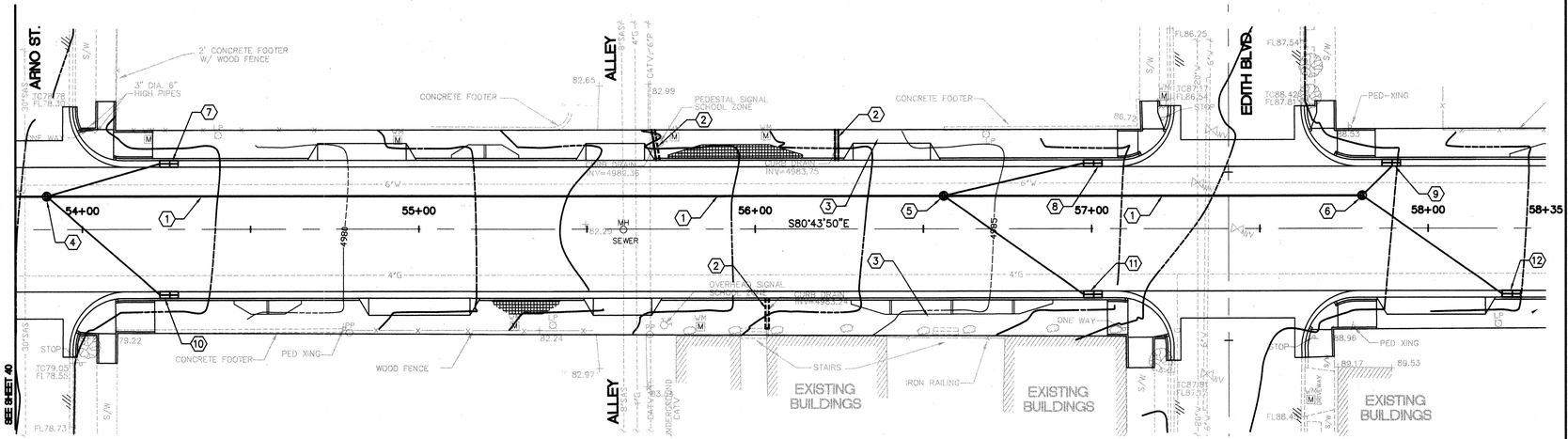
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	40	57

AS BUILT NO. 003-111-4588
FILE NAME: G:\DWG\SURVEY\COAL-STORM-PNP.DWG (DIED) SCANJPROVE.DWG
DWG TECH: BP/PM/BH
SCANNED: 01-28-02 K

SCANNED BY
MESA REPRO

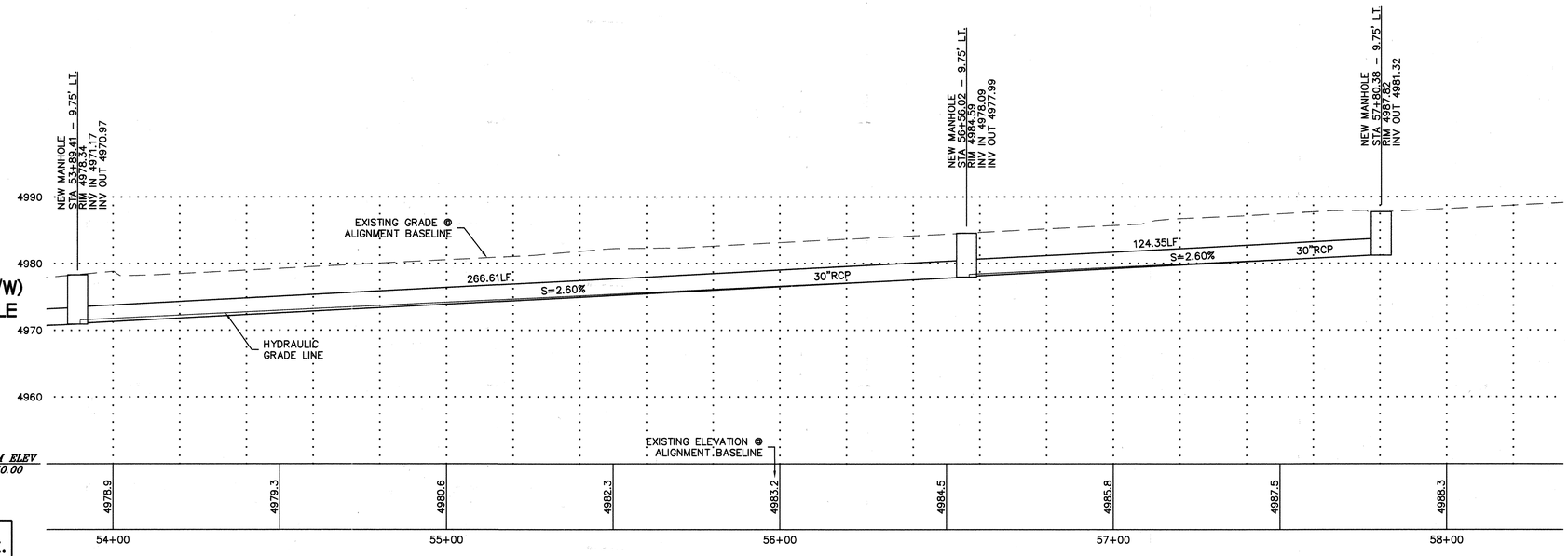
COAL AVENUE (60' R/W)
STORM DRAIN PLAN
STA. 53+80.00 -
STA. 58+35.00



KEYED NOTES

1. INSTALL 30" RCP.
2. CONSTRUCT 1' WIDE SIDEWALK CULVERT PER COA STD DWG 2236.
3. PROVIDE 3'-0" MIN CLEAR AT POINTS AND 4'-0" MIN AT OTHER OBSTRUCTIONS.
4. STA. 53+89.41 – 9.75' LT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.
5. STA. 56+56.02 – 9.75' LT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.
6. STA. 57+80.38 – 9.75' LT. CONSTRUCT 6' DIA TYPE "E" STORM MANHOLE PER COA STD DWG 2102.
7. STA. 54+26.02 – 20.50' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 78.70 INV. S = 71.82
8. STA. 57+00.61 – 20.50' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 85.77 INV. S = 78.44
9. STA. 57+89.29 – 20.50' LT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 88.01 INV. S = 81.57
10. STA. 54+26.02 – 20.50' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 78.78 INV. S = 71.99
11. STA. 57+00.61 – 20.50' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 85.89 INV. S = 78.44
12. STA. 58+24.96 – 20.50' RT. CONSTRUCT TYPE "A" STORM INLET WITH 18" DISCHARGE PIPE PER COA STANDARD DRAWING 2201. T.G. = 89.03 INV. S = 82.37

COAL AVENUE (60' R/W)
STORM DRAIN PROFILE
STA. 53+80.00 -
STA. 58+35.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

ELEVATIONS ARE IN NGVD 29

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.
CONTOURS ARE AT 1' INTERVALS

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION
CONTRACTOR

WORK STARTED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

ENGINEER'S SEAL
DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6127
REGISTERED PROFESSIONAL ENGINEER
June 3, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	D. GRIEVES DATE 06/03/02
		DRAWN BY	S. EDINGS DATE 06/03/02
		CHECKED BY	V. CHAVEZ DATE 06/03/02

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

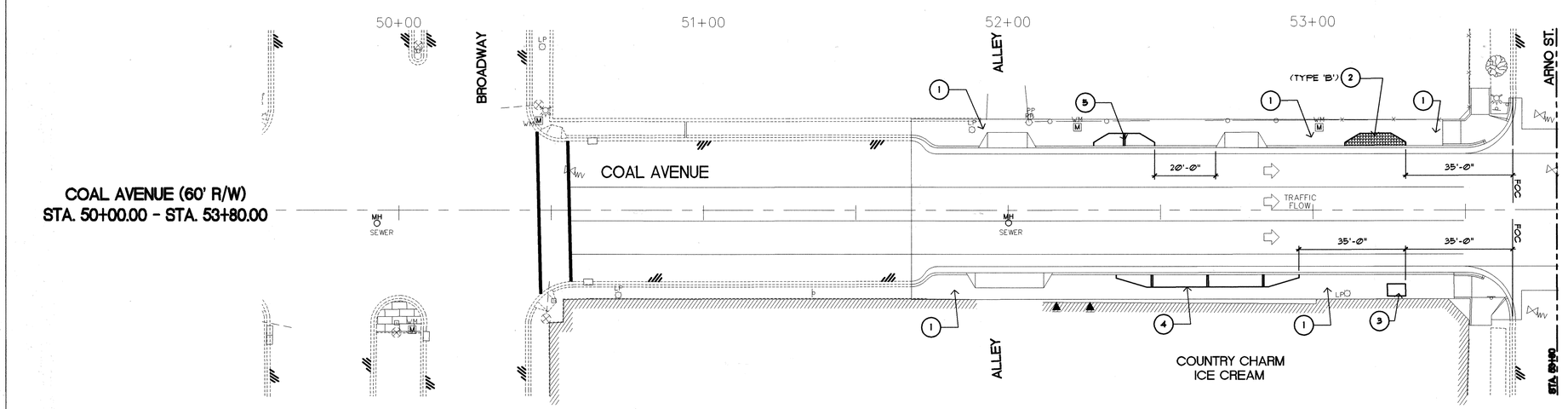
TITLE: COAL AVENUE IMPROVEMENTS
STORM DRAIN PLAN AND PROFILE
STA. 53+80.00 – STA. 58+35.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	41	57

AS BUILT DRAWING
ACS MON. CO3-111-2546
ACS MON. CO3-111-2547
RM/ PROFS. @ PNT/ROD
RM/ PROFS. @ PNT/ROD
DATE: 06-28-02 R

SCANNED BY
MESA REPRO



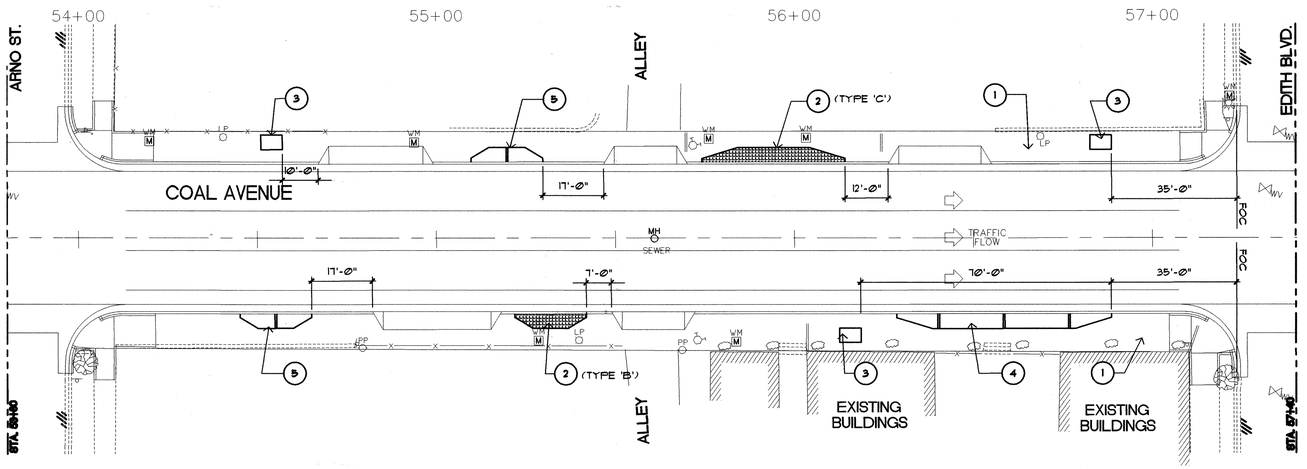
COAL AVENUE (60' R/W)
STA. 50+00.00 - STA. 53+80.00

CONSTRUCTION KEYED NOTES

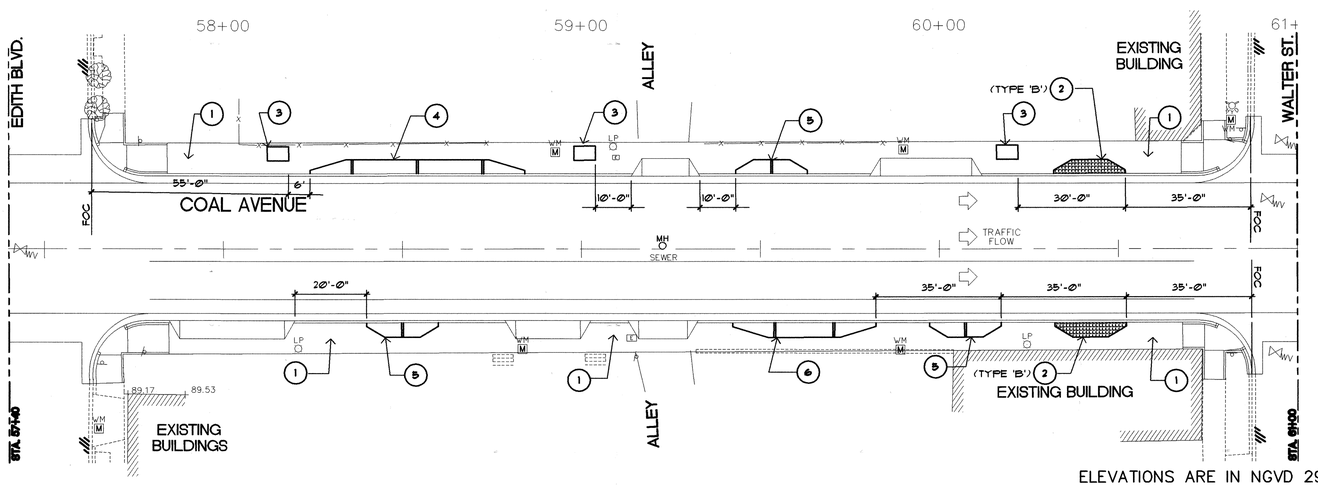
1. CONCRETE SIDEWALK SEE CIVIL.
2. FURNISH AND INSTALL CONCRETE PAVERS. DIMENSIONS SHALL BE PER DIMENSIONS FOR PLANTER 'A', 'B', OR 'C' AS NOTED ON PLANS. REFERENCE DETAIL A/S5.
3. FURNISH AND INSTALL CAST CONCRETE TREE GRATE. REFERENCE DETAIL C/S5.
4. CONSTRUCT TYPE 'A' PLANTER REFERENCE DETAIL D/S5 AND TYPICAL PLANTER SECTION B/S5.
5. CONSTRUCT TYPE 'B' PLANTER. REFERENCE DETAIL E/S5 AND TYPICAL PLANTER SECTION B/S5.
6. CONSTRUCT TYPE 'C' PLANTER. REFERENCE DETAIL F/S5 AND TYPICAL PLANTER SECTION B/S5.

GENERAL NOTE

THE CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT WILL BE RESPONSIBLE FOR MAINTAINING LANDSCAPE IMPROVEMENTS.



COAL AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00



COAL AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00

ELEVATIONS ARE IN NGVD 29

FOR INFORMATION ONLY

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Vela NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.0637
mrw@mrwnm.com

0 10 20 40 60
SCALE: 1" = 20'

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 - FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: COAL AVENUE IMPROVEMENTS
LANDSCAPE CONSTRUCTION LAYOUT
STA. 50+00.00 – STA. 61+00.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	42	57

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION

	BY	DATE
CONTRACTOR WORK STAKED BY		DATE
INSPECTOR'S FIELD VERIFICATION BY		DATE
CHANGES CORRECTED BY		DATE

MICRO-FILM INFORMATION

	BY	DATE
RECORDED BY		DATE
NO.		

ENGINEER'S SEAL
STATE OF NEW MEXICO
ELIZABETH C. REARDON
No. 3
REGISTERED LANDSCAPE ARCHITECT
June 3, 2002

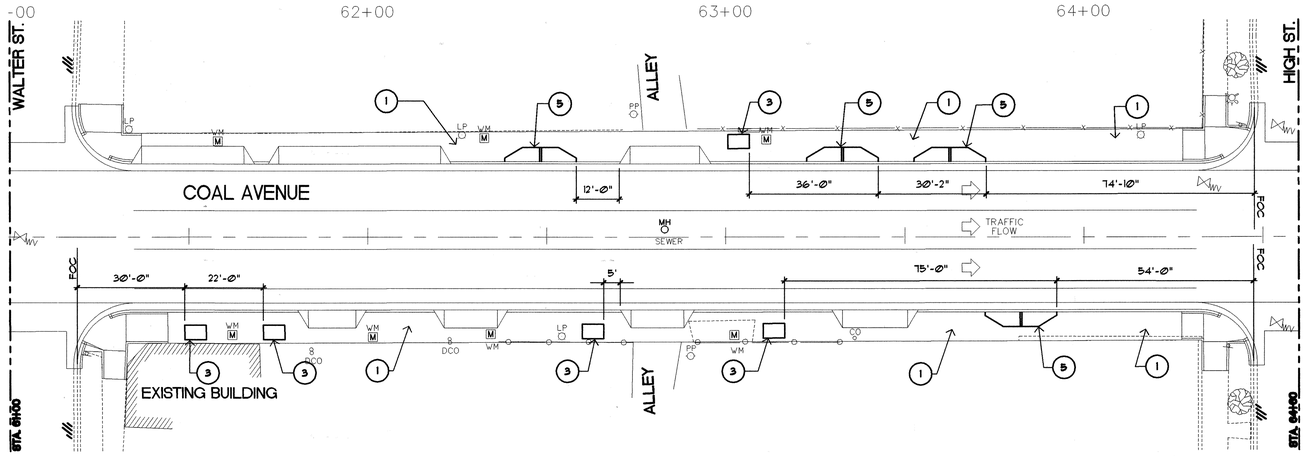
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BHM	DATE 5/17/02
		DRAWN BY KR/RT/YW	DATE 5/17/02
		CHECKED BY DCW	DATE 5/17/02

FILE NO. C:\DGN\5851.91\LEADS\COAL-LIGHTING.DWG (XREF: \COAL-IMPROVE.DWG)
PLOT DATE: 6/11/2002 (PLOTTED)
ENV TASK: (OFF)

NAME: 120\coalCST.DWG DATE: MAY 31, 2002 PLOT 1:1 VIEW SHEET1A BASE REVISION: 6-11-01 VW

SCANNED BY
MESA REPRO

COAL AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00



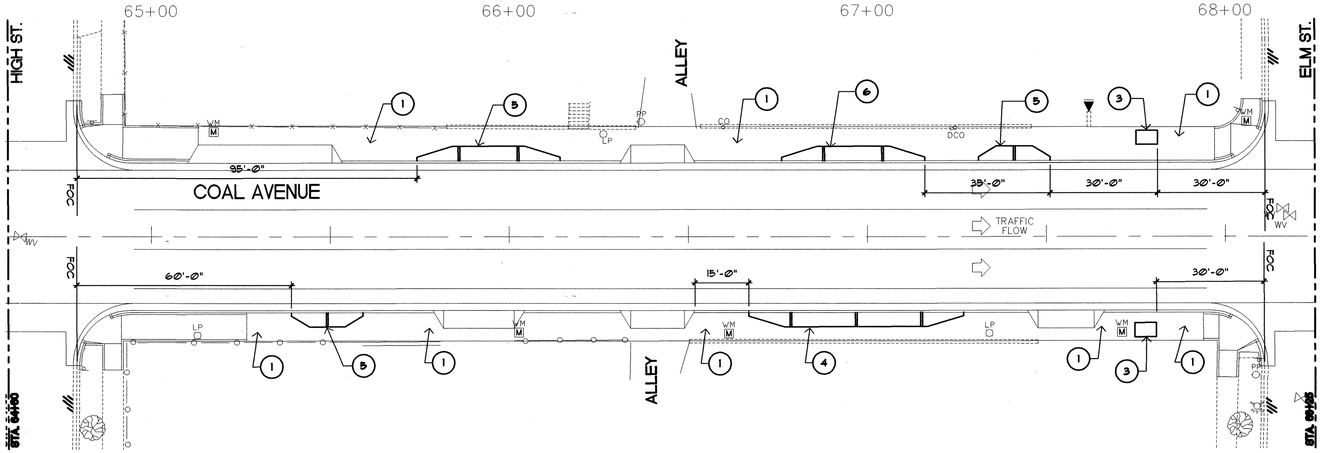
CONSTRUCTION KEYED NOTES

1. CONCRETE SIDEWALK SEE CIVIL.
2. FURNISH AND INSTALL CONCRETE PAVERS. DIMENSIONS SHALL BE PER DIMENSIONS FOR PLANTER 'A', 'B', OR 'C' AS NOTED ON PLANS. REFERENCE DETAIL A/S5.
3. FURNISH AND INSTALL CAST CONCRETE TREE GRATE. REFERENCE DETAIL C/S5.
4. CONSTRUCT TYPE 'A' PLANTER REFERENCE DETAIL D/S5 AND TYPICAL PLANTER SECTION B/S5.
5. CONSTRUCT TYPE 'B' PLANTER. REFERENCE DETAIL E/S5 AND TYPICAL PLANTER SECTION B/S5.
6. CONSTRUCT TYPE 'C' PLANTER. REFERENCE DETAIL F/S5 AND TYPICAL PLANTER SECTION B/S5.

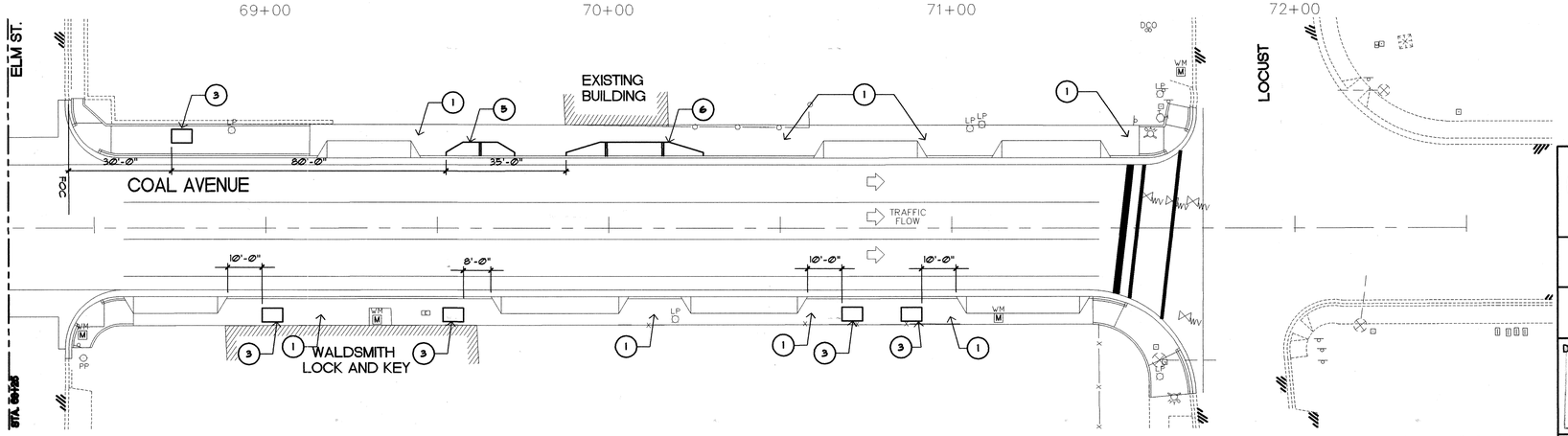
GENERAL NOTE

THE CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT WILL BE RESPONSIBLE FOR MAINTAINING LANDSCAPE IMPROVEMENTS.

COAL AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



COAL AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.32



ELEVATIONS ARE IN NGVD 29

FOR INFORMATION ONLY

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

0 10 20 40 60
SCALE: 1" = 20'

CHAVEZ · GRIEVES CONSULTING ENGINEERS, INC.
5539 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 - FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: COAL AVENUE IMPROVEMENTS
LANDSCAPE CONSTRUCTION LAYOUT
STA. 61+00.00 - STA. 71+73..32

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	43	57

ENGINEER'S SEAL
NEW MEXICO GILBERT R. REARDON No. 26 REGISTERED LANDSCAPE ARCHITECT
June 3 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	BHM
		DRAWN BY	KR/RT/VW
		CHECKED BY	DCW

DATE 5/17/02
DATE 5/17/02
DATE 5/17/02

AS BUILT INFORMATION

CONTRACTOR STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
MARKUPS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

AGS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1494816.92
ELEV. = 4965.213 NGVD 29, IN FEET

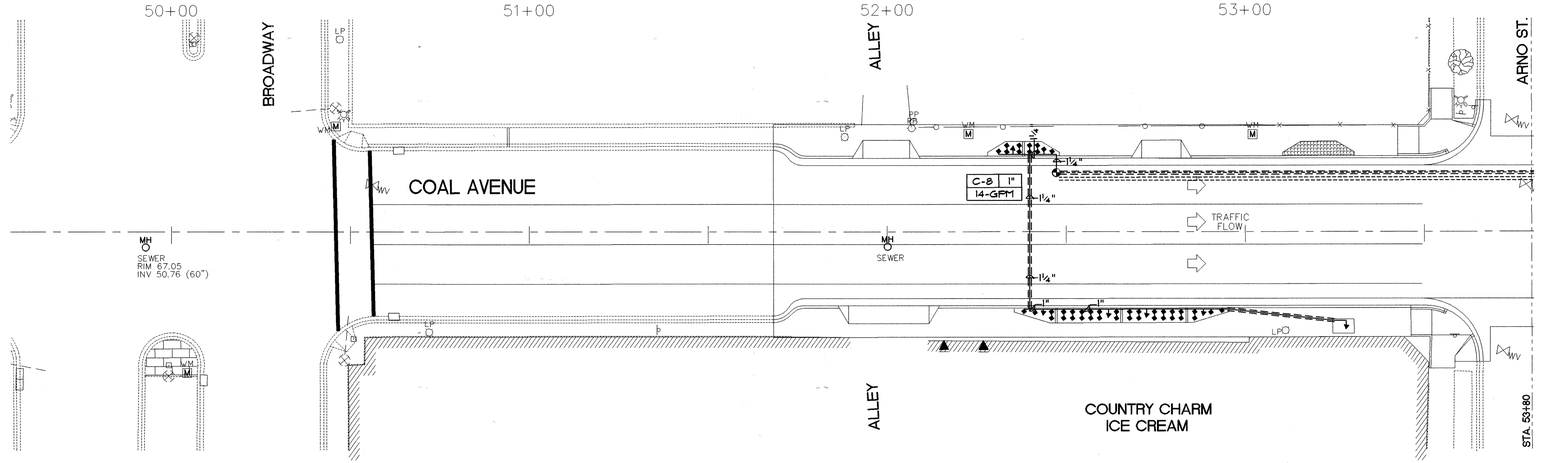
SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

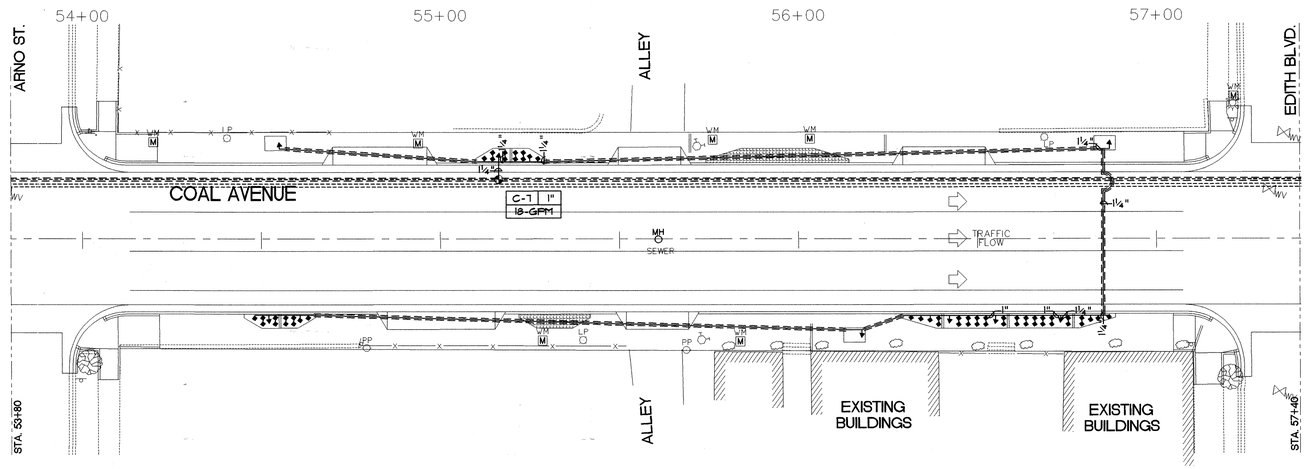
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DRAWING NAME: 4703\111\LEAD\COAL-LSHTHG.DWG
REV. DATE: 5/17/02 PC (FLOYTAL)

SCANNED BY
MESA REPRO

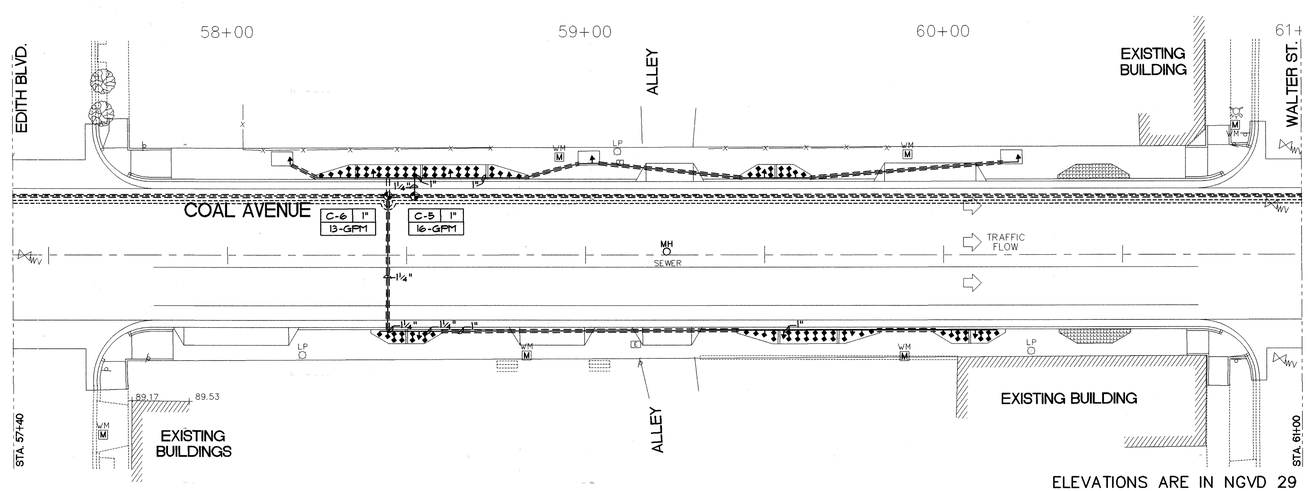
COAL AVENUE (60' R/W)
STA. 50+00.00 - STA. 53+80.00



COAL AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00



COAL AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00



ELEVATIONS ARE IN NGVD 29

NOTE:
SEE SHEET 56 OF 57 FOR IRRIGATION LEGEND, NOTES AND DETAILS.

FOR INFORMATION ONLY

MORROW REARDON WILKINSON, LTD.,
LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

0 10 20 40 60
SCALE: 1" = 20'

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5539 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 - FAX (505) 343-8759

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
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GEOGRAPHIC POSITION (NAD 27), IN FEET
NM. STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4995.213 NGVD 29, IN FEET

AS BUILT INFORMATION
CONTRACTOR — DATE
STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED	ARU	DATE 5/17/02	
DRAWN BY	ARU	DATE 5/17/02	
CHECKED BY	DCW	DATE 5/17/02	

ENGINEER'S SEAL
STATE OF NEW MEXICO
JOSEPH C. REARDON
REGISTERED
No. 28
LANDSCAPE ARCHITECT
June 3 2002

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: COAL AVENUE IMPROVEMENTS
IRRIGATION LAYOUT
STA. 50+00.00 – STA. 61+00.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

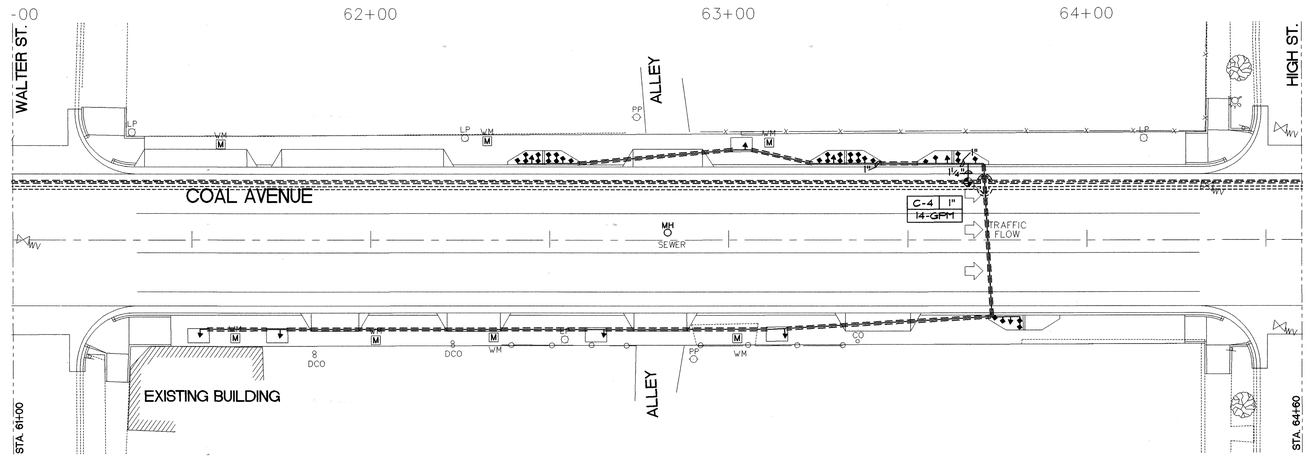
City Project No.	Zone Map No.	Sheet	Of
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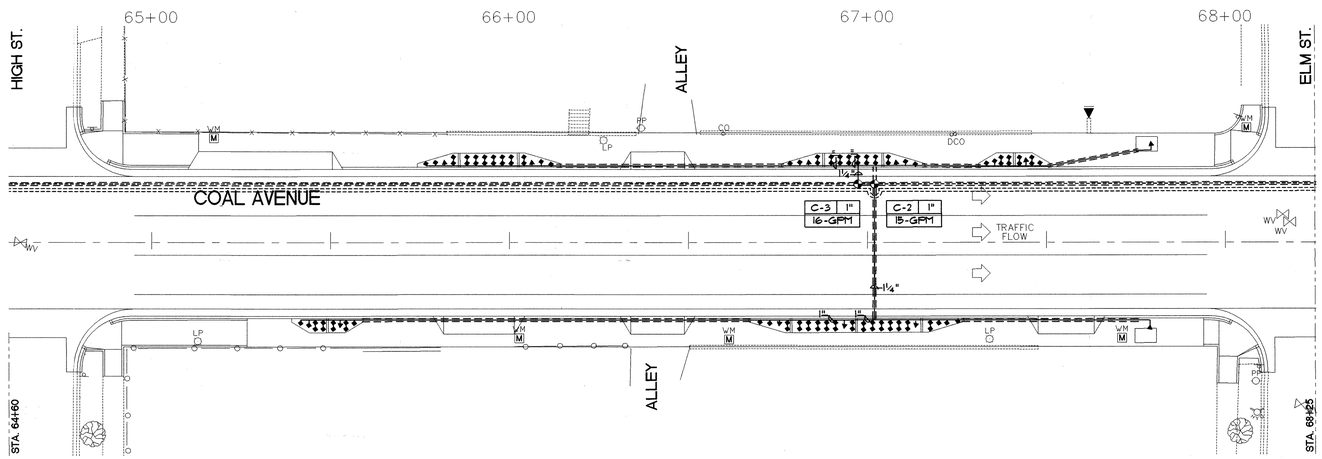
NAME: I:\01coal\IRRG.DWG DATE: MAY 31, 2002 PLOT 1:1 VIEW SHEET1A BASE REVISION: 6-11-01 ARU/DCW

SCANNED BY
MESA REPRO

COAL AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00

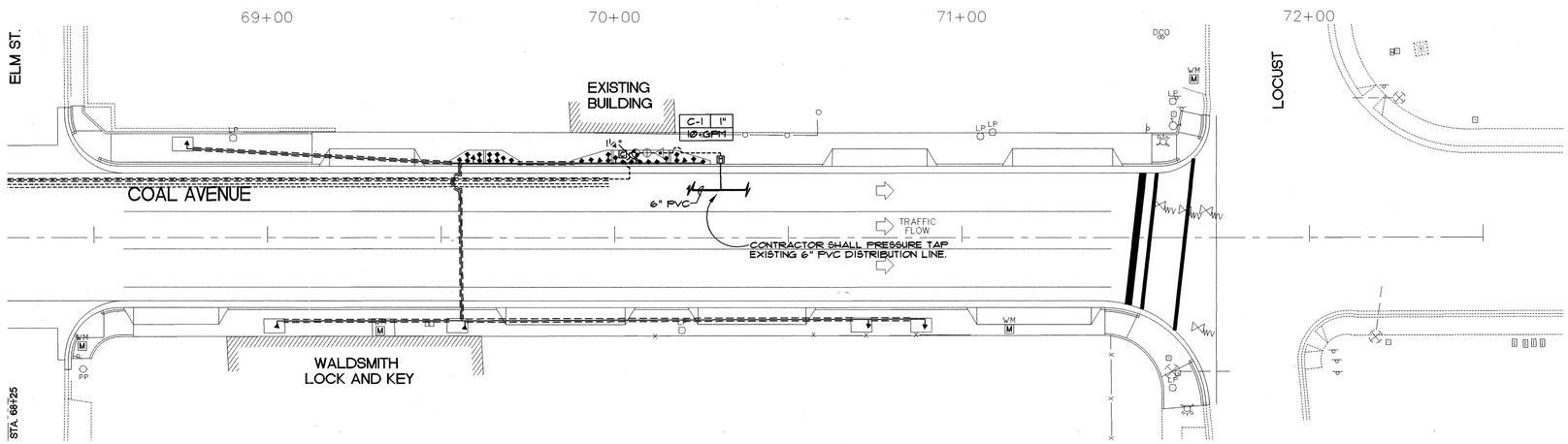


COAL AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



NOTE:
SEE SHEET 56 OF 57 FOR IRRIGATION LEGEND, NOTES AND DETAILS.

COAL AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.32



ELEVATIONS ARE IN NGVD 29

FOR INFORMATION ONLY

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2286 FAX 505.265.9637
mrw@mrwnm.com

0 10 20 40 60
SCALE: 1" = 20'

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 - FAX (505) 343-8759

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM. STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION

CONTRACTOR
STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

ENGINEER'S SEAL
STATE OF NEW MEXICO
ELIZABETH C. REARDON
REGISTERED LANDSCAPE ARCHITECT
NO. 28
June 3, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED B. PONDER	DATE 5/17/02
		DRAWN BY P. GAUNA	DATE 5/17/02
		CHECKED BY B. PONDER	DATE 5/17/02

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: COAL AVENUE IMPROVEMENTS
IRRIGATION LAYOUT
STA. 61+00.00 - STA. 71+73..32

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

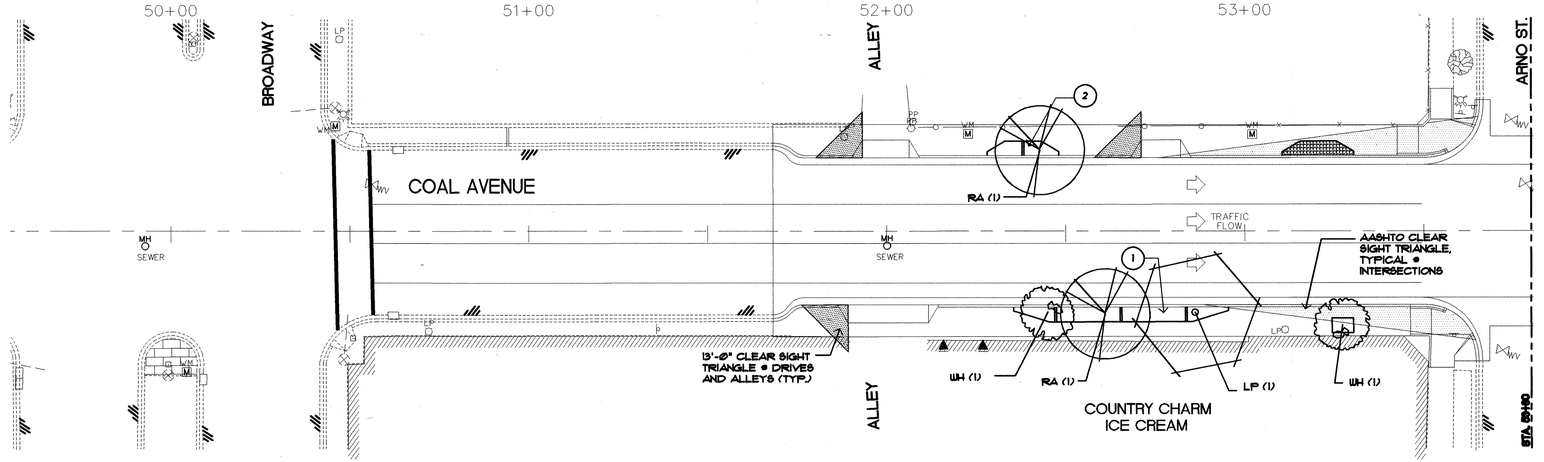
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	45	57

JOB NO: 453.111.5590
FILE: 120\111\540\COAL-LIGHTING.DWG (XREF: XCOALIMPROVE.DWG)
DRAWN BY: MJM, PG (FOOTHILL)
REV: 6/26/02 PG

NAME: 120\coalIRRG.DWG DATE: MAY 31, 2002 PLOT 1:1 VIEW SHEET2A BASE REVISION: 6-11-01 ARU/DCW

SCANNED BY
MESA REPRO

COAL AVENUE (60' R/W)
STA. 50+00.00 - STA. 53+80.00



NOTE.

SEE SHEET 51 OF 57 FOR PLANT LIST AND PLANTING NOTE.

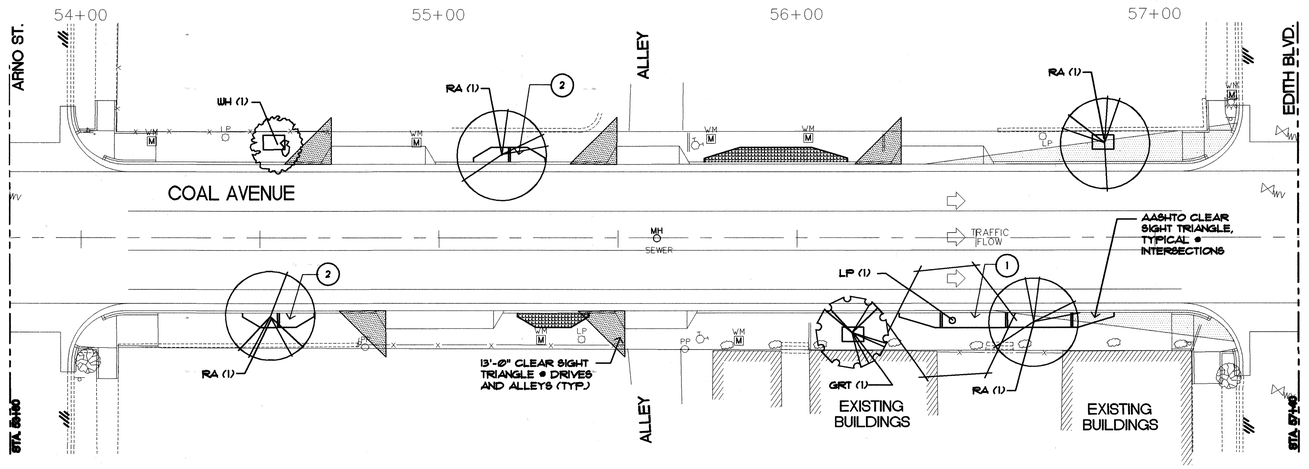
PLANTING KEYED NOTES

1. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'A', SHEET 51 OF 57.
2. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'B', SHEET 51 OF 57.
3. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'C', SHEET 51 OF 57.
4. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'D', SHEET 51 OF 57.

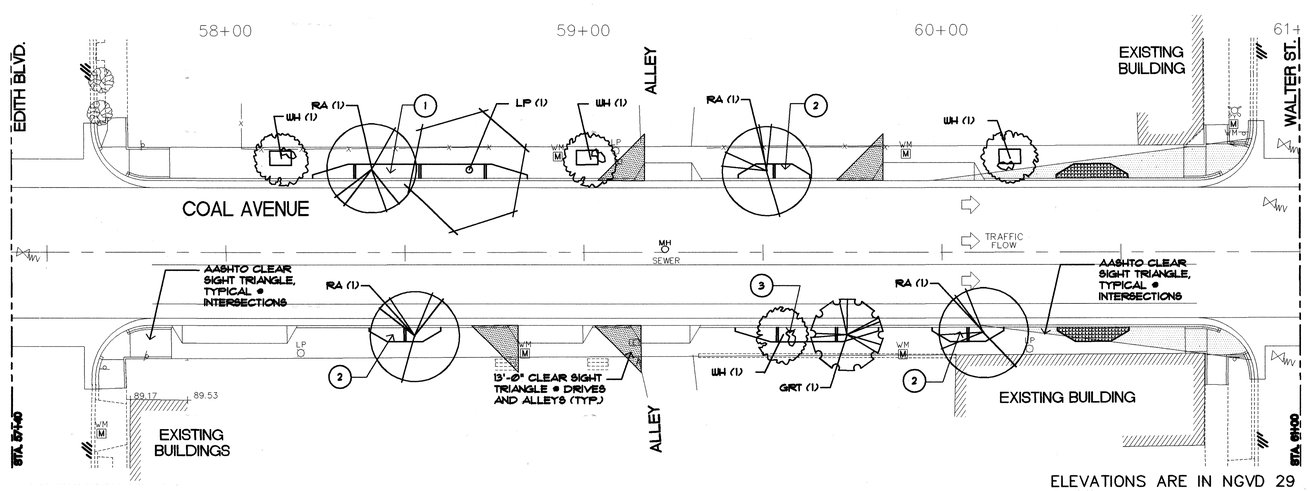
GENERAL NOTE

THE CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT WILL BE RESPONSIBLE FOR MAINTAINING LANDSCAPE IMPROVEMENTS.

COAL AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00



COAL AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00



ELEVATIONS ARE IN NGVD 29

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY — DATE
ACCEPTANCE INSPECTION BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4985.213 NGVD 29, IN FEET

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL
STATE OF NEW MEXICO
ELIZABETH C. REARDON
NO. 26
REGISTERED LANDSCAPE ARCHITECT
June 3, 2002

FOR INFORMATION ONLY

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	BHM
		DRAWN BY	KR/RT/VW
		CHECKED BY	DCW

DATE 5/17/02
DATE 5/17/02
DATE 5/17/02

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

0 10 20 40 60
SCALE: 1" = 20'

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 - FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: COAL AVENUE IMPROVEMENTS
PLANTING PLAN
STA. 50+00.00 - STA. 61+00.00

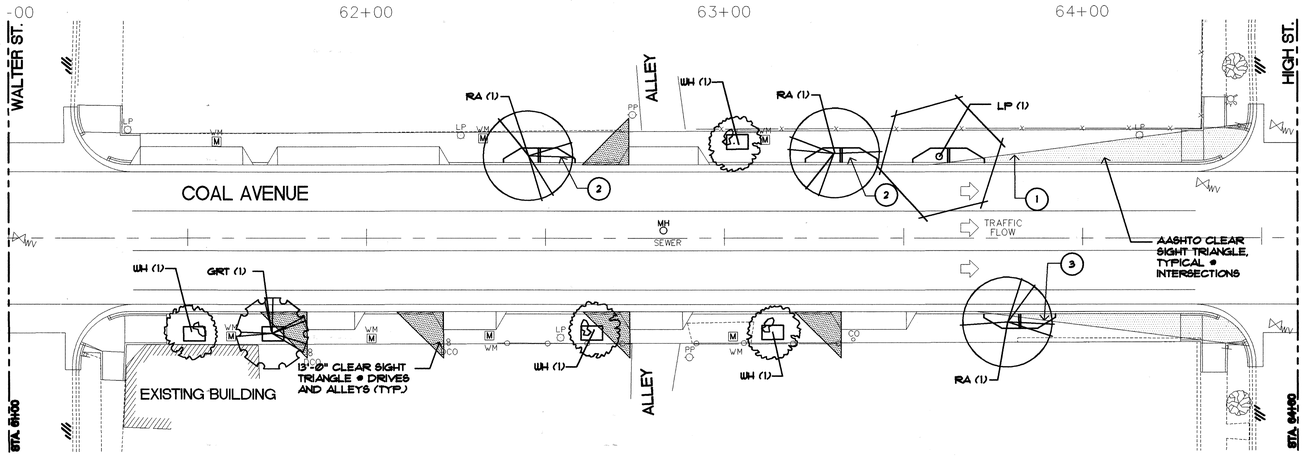
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	46	57

JOB NO: 033-111-5198
FILE: 033111\LEAD\COAL-LIGHTING.DWG (XREF:XCOALIMPROVE.DWG)
DRAWN BY: KR/RT/VW
REVISED: 05/15/02 PG
REVISED: 05/16/02 PG (FINAL)

NAME: 120coalplt.DWG DATE: MAY 31, 2002 PLOT 1:1 VIEW SHEET1A BASE REVISION: 6-11-01 VW/RHT

COAL AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00



NOTE.

SEE SHEET 5'1 OF 5'1 FOR PLANT LIST AND PLANTING NOTE.

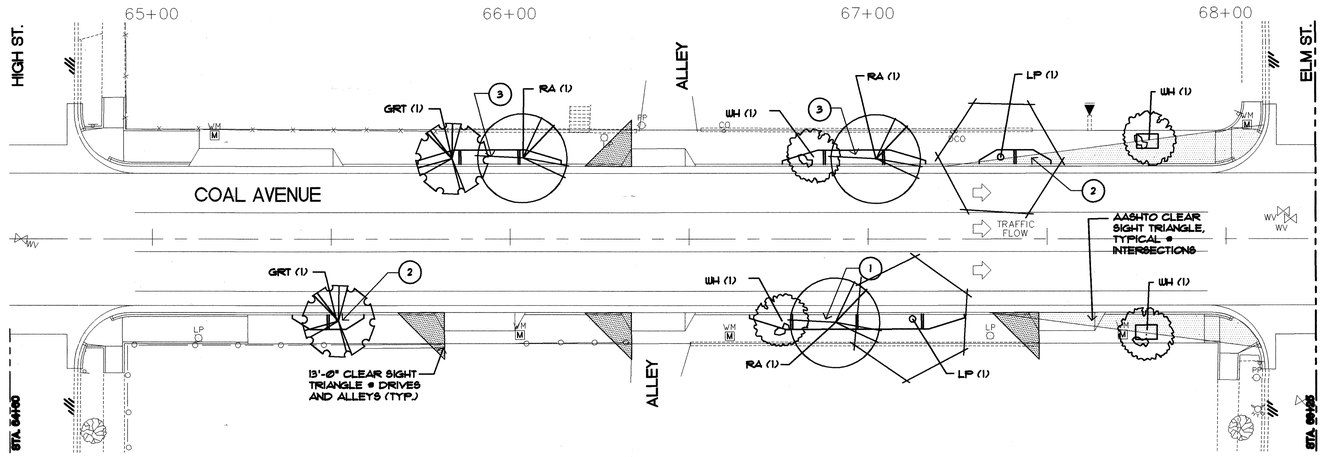
PLANTING KEYED NOTES

1. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'A', SHEET 5'1 OF 5'1.
2. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'B', SHEET 5'1 OF 5'1.
3. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'C', SHEET 5'1 OF 5'1.
4. CONTRACTOR SHALL PLANT SHRUBS & GROUNDCOVERS AS PER SHRUB PLANTING ENLARGEMENT 'D', SHEET 5'1 OF 5'1.

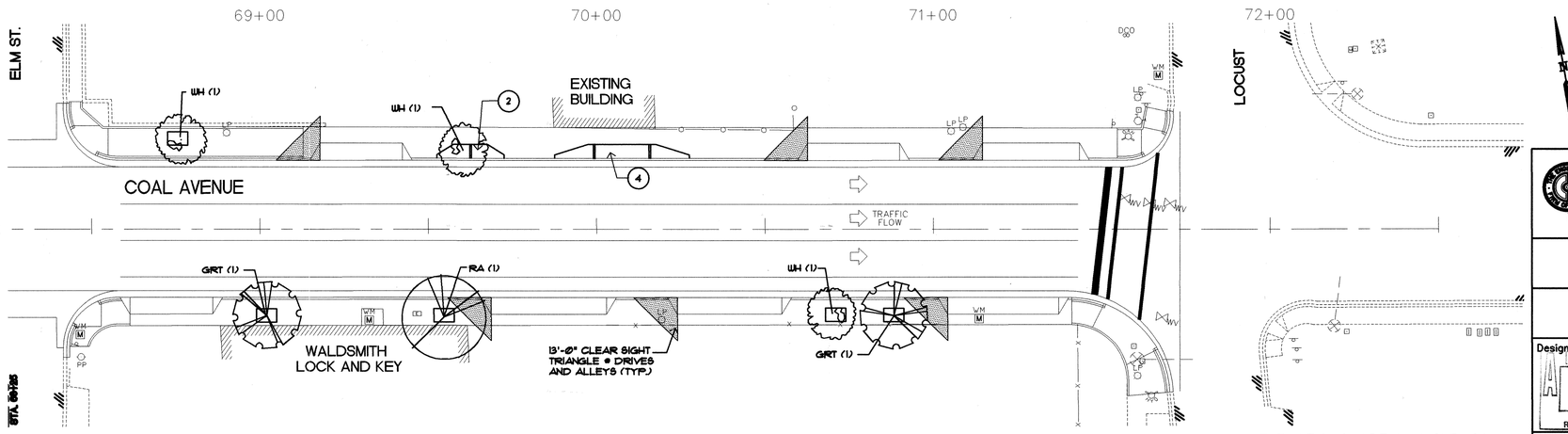
GENERAL NOTE

THE CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT WILL BE RESPONSIBLE FOR MAINTAINING LANDSCAPE IMPROVEMENTS.

COAL AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



COAL AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.32



ELEVATIONS ARE IN NGVD 29

SCANNED BY
MESA REPRO

JOB NO: 4033-111-5598
FILE NO: 4033111\LEAD\COAL - LIGHTING.DWG (XREF: XCOALIMPROVE.DWG)
DRAWING NO: 5851.91 Pg 47 OF 57
REV: 06/06/01 Pg 47 OF 57

NAME: 120coalplt.DWG DATE: MAY 31, 2002 PLOT 1:1 VIEW SHEET2A BASE REVISION: 6-11-01 VW/RHT

AS BUILT INFORMATION

CONTRACTOR

WORK STAKED BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"

LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.

GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

ENGINEER'S SEAL

STATE OF NEW MEXICO — ELIZABETH A. REARDON — NEW MEXICO NO. 9 — REGISTERED LANDSCAPE ARCHITECT — June 3, 2002

FOR INFORMATION ONLY

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BHM — DATE 5/17/02
DRAWN BY KR/RT/VW — DATE 5/17/02
CHECKED BY DCW — DATE 5/17/02

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

N

0 10 20 40 60
SCALE: 1" = 20'

CHAVEZ · GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 - FAX (505) 343-6759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

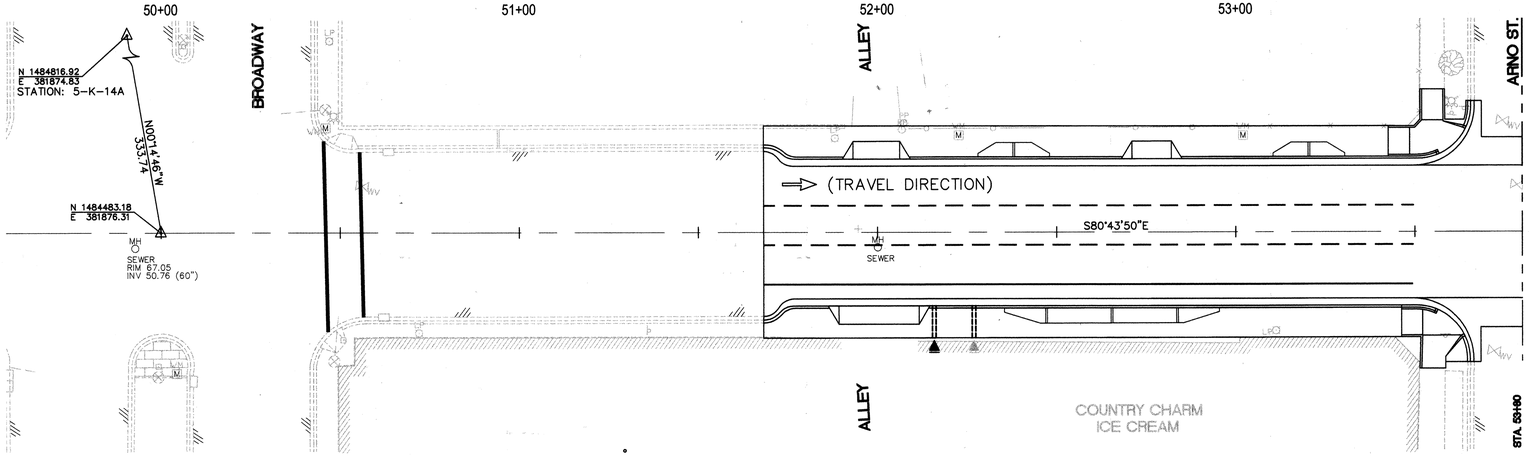
TITLE: COAL AVENUE IMPROVEMENTS
PLANTING PLAN
STA. 61+00.00 - STA. 71+73.32

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

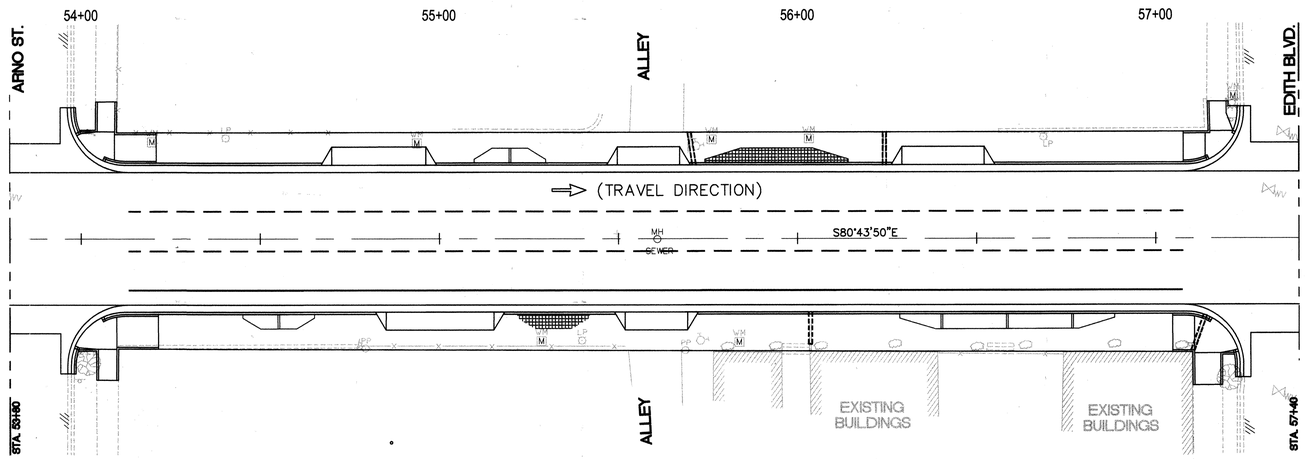
City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	47	57

SCANNED BY
MESA REPRO

COAL AVENUE (60' R/W)
STA. 50+00.00 - STA. 53+80.00

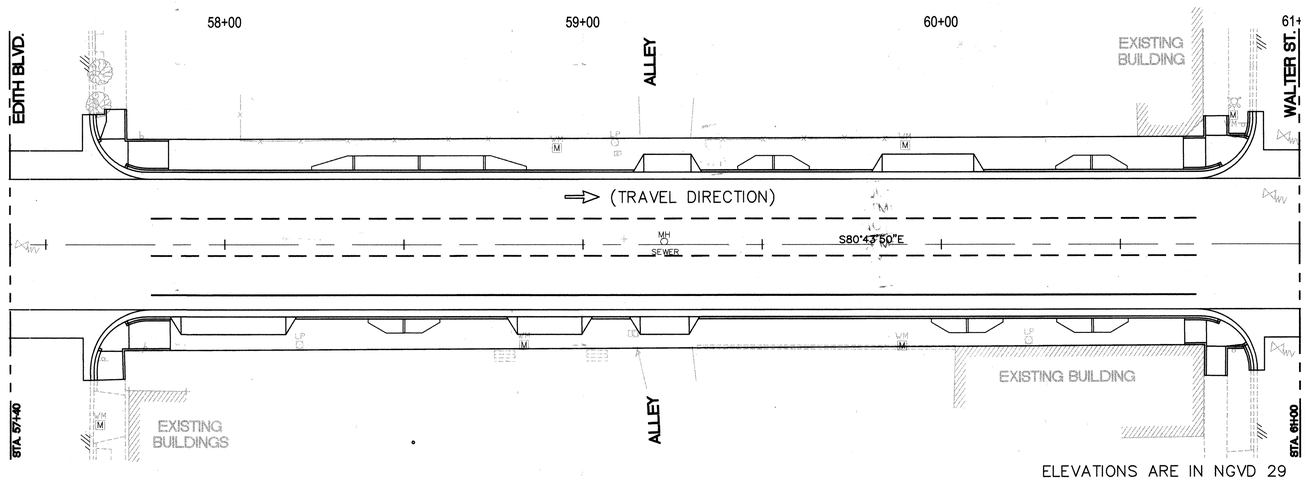


COAL AVENUE (60' R/W)
STA. 53+80.00 - STA. 57+40.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

COAL AVENUE (60' R/W)
STA. 57+40.00 - STA. 61+00.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

ELEVATIONS ARE IN NGVD 29

CONSTRUCTION NOTES

1. FINAL LIGHTING PLAN TO BE SUBMITTED AND APPROVED PRIOR TO CONSTRUCTION.
2. *STREET LIGHTING LAYOUT IS CURRENTLY ON HOLD & NO DESIGN IS SHOWN ON PLANS.*

FOR INFORMATION ONLY

GRAPHIC SCALE

0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

AS BUILT INFORMATION

CONTRACTOR

	DATE
WORK STARTED BY	
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL

DAVID N. GRIEVES
STATE OF NEW MEXICO
NO. 6827
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED D. GRIEVES	DATE 06/03/02
		DRAWN BY S. EDINGS	DATE 06/03/02
		CHECKED BY V. CHAVEZ	DATE 06/03/02

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: COAL AVENUE IMPROVEMENTS
STREET LIGHTING LAYOUT
STA. 50+00.00 – STA. 61+00.00

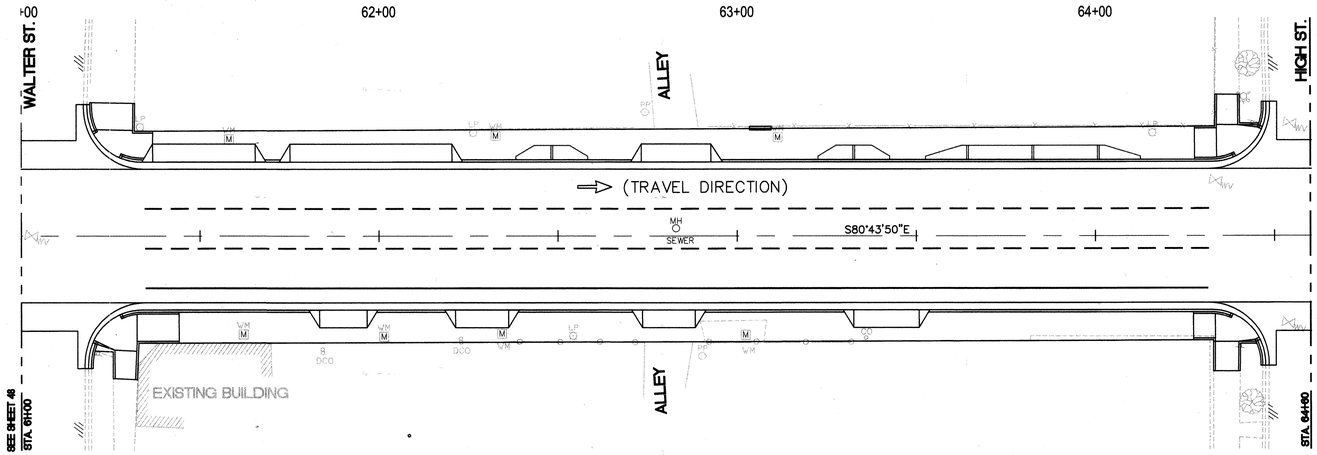
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	48	57

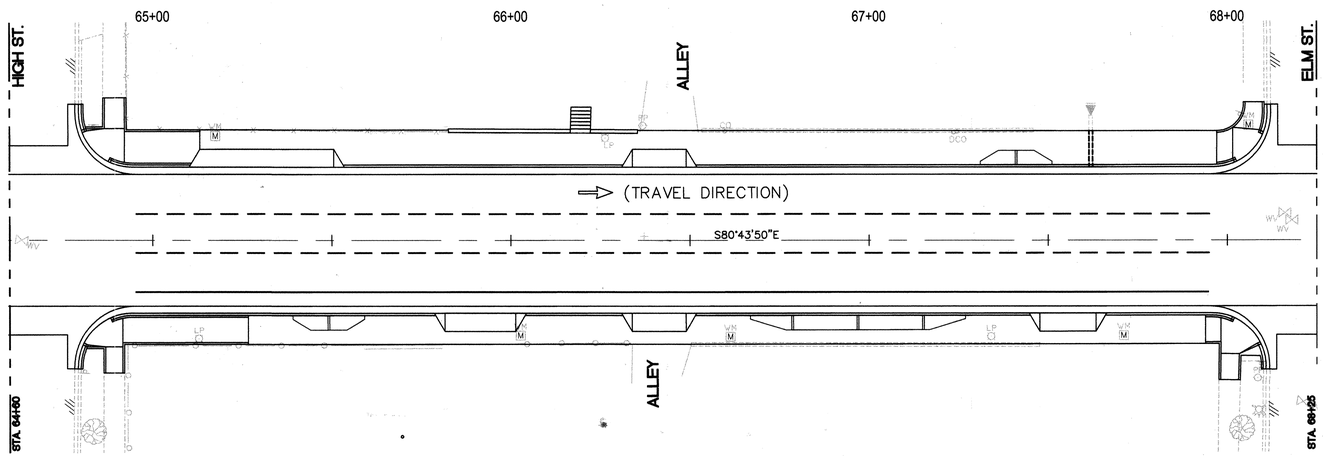
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PEN TABLE: C:\MICROSTATION\SUP\STANDARD.TBL
PEN / STYLE: PW / 01-24-02

SCANNED BY
MESA REPRO

COAL AVENUE (60' R/W)
STA. 61+00.00 - STA. 64+60.00

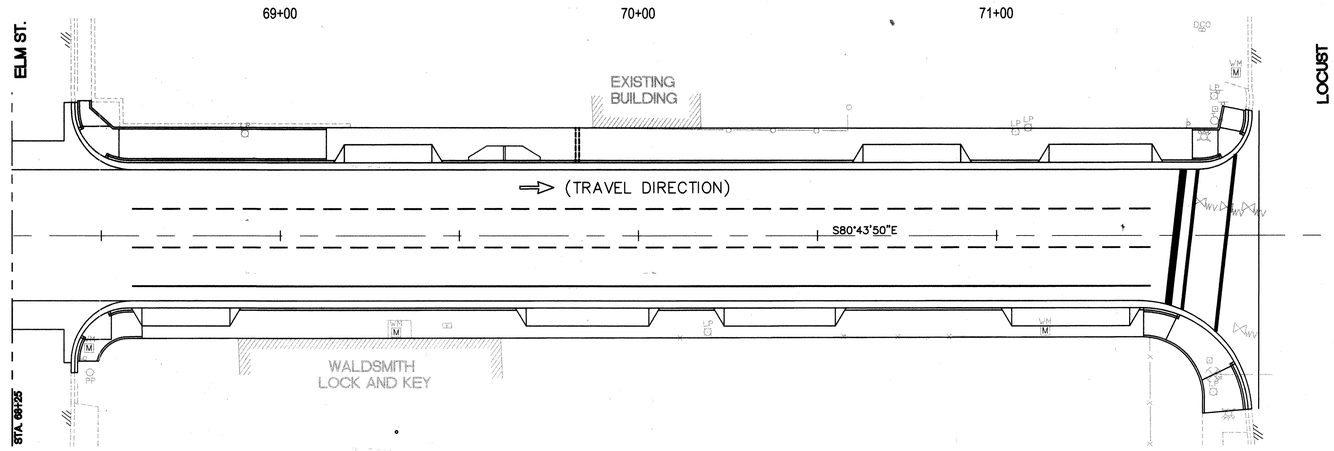


COAL AVENUE (60' R/W)
STA. 64+60.00 - STA. 68+25.00



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

COAL AVENUE (60' R/W)
STA. 68+25.00 - STA. 71+73.32



SCALE :
1" = 20' HORIZ.
1" = 10' VERT

ELEVATIONS ARE IN NGVD 29

CONSTRUCTION NOTES

1. FINAL LIGHTING PLAN TO BE SUBMITTED AND APPROVED PRIOR TO CONSTRUCTION.
2. *STREET LIGHTING LAYOUT IS CURRENTLY ON HOLD & NO DESIGN IS SHOWN ON PLANS.*

FOR INFORMATION ONLY

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY / DATE
WORK COMPLETED BY / DATE
ACCEPTANCE BY / DATE
FIELD VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE
MICRO-FILM INFORMATION
RECORDED BY / DATE
NO.

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 391874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE
CHAVEZ-GRIEVES ENG. | 7/99

ENGINEER'S SEAL
DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6127
REGISTERED PROFESSIONAL ENGINEER
June 3 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED		D. GRIEVES	DATE 06/03/02
DRAWN BY		S. EDINGS	DATE 06/03/02
CHECKED BY		V. CHAVEZ	DATE 06/03/02

CHAVEZ • GRIEVES
CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: COAL AVENUE IMPROVEMENTS
STREET LIGHTING LAYOUT
STA. 61+00.00 – STA. 71+73.32

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
JUL 18 2002 DESIGN REVIEW COMMITTEE	JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	49	57

JOB NO. C023 111 - 2000
ACAD FILE: C:\PROJECTS\C023_111\COAL-LIGHTING.DWG (DRD: XCOALIMPROVE.DWG)
DRAWING BY: PKL PLOTTED: 06/03/02 08:47 AM
REVISED BY: PKL PLOTTED: 06/03/02 08:47 AM



SCANNED BY
MESA REPRO

GENERAL NOTES:

1. CONTRACTOR SHALL NOT OPERATE VALVES OR ISOLATE ANY PORTION OF THE WATER DISTRIBUTION, COLLECTOR OR TRANSMISSION SYSTEM. FIVE (5) WORKING DAYS PRIOR TO ANY WORK ON THE EXISTING PUBLIC WATER UTILITIES, THE CONTRACTOR SHALL CONTACT THE WATER UTILITY DIVISION AND SUBMIT A PERMIT FOR WATER SHUT-OFF OR TURN-ON. SEE SECTION 18 OF THE STANDARD SPECIFICATIONS.
2. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS FOR THE DISPOSAL OF WATER TO BE DRAINED FROM EXISTING WATERLINES. CONTRACTOR SHALL PROVIDE SANITARY, TEMPORARY CAP ON EXISTING PIPELINES UNTIL READY TO MAKE FINAL CONNECTION. PRIOR TO THE START OF WORK, THE CONTRACTOR SHALL SUBMIT PROPOSED METHODS AND PROCEDURES FOR DRAINING, TESTING, AND DISINFECTION OF PIPELINES, INCLUDING DISPOSAL AND SAMPLING LOCATIONS. THE PROPOSED METHODS AND PROCEDURES SHALL BE SUBMITTED AND APPROVED BY THE ENGINEER AND OWNER PRIOR TO THE START OF ANY WORK.
3. PRIOR TO THE START OF ANY WORK AFFECTING THE EXISTING PUBLIC WATER SYSTEM, THE CONTRACTOR SHALL EXCAVATE AND EXPOSE EXISTING PIPELINES, VALVES, AND FITTINGS TO VERIFY THERE EXACT LOCATION, MATERIALS OF CONSTRUCTION AND CONFIGURATION. ANY DEVIATION FROM THOSE CONDITIONS INDICATED ON THE PLANS SHALL BE IMMEDIATELY DIRECTED TO THE ENGINEER FOR RESOLUTION.

6-INCH WATERLINE REPLACEMENT ON ARNO STREET AT LEAD AVENUE

1. PRIOR TO SCHEDULING THE WORK, THE CONTRACTOR SHALL PREPARE AND SUBMIT A WATER SHUT-OFF REQUEST TO THE CITY OF ALBUQUERQUE WATER UTILITY DIVISION, FOR A SHUT-OFF OF THE WATER MAIN AS DESCRIBED BELOW.
2. CLOSE EXISTING VALVE 475 AT ARNO AND CENTRAL.
3. CLOSE EXISTING VALVE 564 AT LEAD AND BROADWAY.
4. CLOSE EXISTING VALVE 924 AT ARNO AND COAL.
5. OPEN EXISTING FIRE HYDRANT 186 AT LEAD AND ARNO TO RELIEVE PRESSURE.
6. REMOVE EXISTING 6-INCH C.I. PIPE, VALVES AND FITTINGS AND INSTALL NEW 6-INCH D.I PIPE VALVES AND FITTINGS, AS SHOWN ON SHEET 7 OF XX.
7. CLOSE NEW VALVES 571, 572, 573 AT ARNO AND LEAD.
8. CLOSE NEW VALVE ON ARNO NORTH OF LEAD.
9. OPEN EXISTING VALVE 475 AT ARNO AND CENTRAL.
10. OPEN EXISTING VALVE 564 AT LEAD AND BROADWAY.
11. OPEN EXISTING VALVE 924 AT ARNO AND COAL.
12. DISINFECT AND FLUSH NEW PIPING, VALVES AND FITTINGS THROUGH EXISTING FIRE HYDRANT 186.
13. UPON SUCCESSFUL DISINFECTION AND TESTING OF THE NEW WATERLINE:
    OPEN NEW VALVES 571, 572, 573 AT ARNO AND LEAD.
    OPEN NEW VALVE ON ARNO NORTH OF LEAD.

6-INCH WATERLINE REPLACEMENT ON HIGH STREET AT LEAD AVENUE

1. PRIOR TO SCHEDULING THE WORK, THE CONTRACTOR SHALL PREPARE AND SUBMIT A WATER SHUT-OFF REQUEST TO THE CITY OF ALBUQUERQUE WATER UTILITY DIVISION, FOR A SHUT-OFF OF THE WATER MAIN AS DESCRIBED BELOW.
2. CLOSE EXISTING VALVE 546 AT HIGH AND GOLD.
3. CLOSE EXISTING VALVE 591 AT HIGH AND SILVER.
4. CLOSE EXISTING VALVE 941 AT HIGH AND COAL.
5. CLOSE EXISTING VALVE 253 AT ELM AND LEAD.
6. OPEN EXISTING FIRE HYDRANT 199 AT LEAD AND HIGH TO RELIEVE PRESSURE.
7. REMOVE EXISTING 8-INCH STEEL PIPE, VALVES AND FITTINGS AND INSTALL NEW 8-INCH D.I PIPE VALVES AND FITTINGS, AS SHOWN ON SHEET 10 OF XX.
8. CLOSE NEW VALVES 593 AND 594 AT HIGH AND LEAD.
9. CLOSE NEW VALVES ON HIGH NORTH AND SOUTH OF LEAD.
10. OPEN EXISTING VALVE 546 AT HIGH AND GOLD.
11. OPEN EXISTING VALVE 591 AT HIGH AND SILVER.
12. OPEN EXISTING VALVE 941 AT HIGH AND COAL.
13. OPEN EXISTING VALVE 253 AT ELM AND LEAD.
14. DISINFECT AND FLUSH NEW PIPING, VALVES AND FITTINGS THROUGH EXISTING FIRE HYDRANT 199.
15. UPON SUCCESSFUL DISINFECTION AND TESTING OF THE NEW WATERLINE:
    OPEN NEW VALVES 593 AND 594 AT HIGH AND LEAD.
    OPEN NEW VALVES ON HIGH NORTH AND SOUTH OF LEAD.

GENERAL NOTES:

WATER SHUT-OFF REQUIREMENTS:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF WATER SHUTOFF. AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION, 857-8200, TO INITIATE IMPLEMENTATION OF THE NON-PRESSURIZED CONNECTION PLAN. IN ORDER TO COMPLETE THIS CONNECTION THE FOLLOWING VALVES MUST BE CLOSED BY THE WATER SYSTEM PERSONNEL.

6-INCH WATERLINE REPLACEMENT ON HIGH STREET AT COAL AVENUE AND ON COAL AVENUE FROM HIGH STREET TO ELM STREET

1. PRIOR TO SCHEDULING THE WORK, THE CONTRACTOR SHALL PREPARE AND SUBMIT A WATER SHUT-OFF REQUEST TO THE CITY OF ALBUQUERQUE WATER UTILITY DIVISION, FOR A SHUT-OFF OF THE WATER MAIN AS DESCRIBED BELOW.
2. CLOSE EXISTING VALVES 938, 939, AND 940 AT WALTER AND COAL.
3. CLOSE EXISTING VALVE 992 AT HIGH AND IRON.
4. CLOSE EXISTING VALVE 652 AT ELM AND COAL.
5. CLOSE EXISTING VALVE 666 AT LOCUST AND COAL.
6. CLOSE NEW VALVE ON HIGH STREET SOUTH OF LEAD.
7. OPEN EXISTING FIRE HYDRANT 319 AT COAL AND HIGH TO RELIEVE PRESSURE.
8. REMOVE EXISTING 8-INCH STEEL AND 6-INCH C.I. PIPE, VALVES AND FITTINGS AND INSTALL NEW 6-INCH D.I PIPE VALVES AND FITTINGS, AS SHOWN ON SHEETS 23 & 24 OF XX.
9. CLOSE NEW VALVES 941, 991 AND 995 AT HIGH AND COAL.
10. CLOSE NEW VALVE 651 ON COAL AT ELM.
11. OPEN EXISTING VALVES 938, 939, AND 940 AT WALTER AND COAL.
12. OPEN EXISTING VALVE 992 AT HIGH AND IRON.
13. OPEN EXISTING VALVE 652 AT ELM AND COAL.
14. OPEN EXISTING VALVE 666 AT LOCUST AND COAL.
15. OPEN NEW VALVE ON HIGH STREET SOUTH OF LEAD.
16. DISINFECT AND FLUSH NEW PIPING, VALVES AND FITTINGS THROUGH EXISTING FIRE HYDRANT 319.
17. UPON SUCCESSFUL DISINFECTION AND TESTING OF THE NEW WATERLINE:
    OPEN NEW VALVES 941, 991 AND 995 AT HIGH AND COAL.
    OPEN NEW VALVE ON COAL EAST OF HIGH.
    OPEN NEW VALVE 651 AT COAL AND ELM.

FOR INFORMATION ONLY

NOT TO SCALE

ELEVATIONS ARE IN NGVD 29

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
CONSTRUCTION NOTES
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

SURVEY INFORMATION
BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES	7/99
	ENGINEERS	

ENGINEER'S SEAL
DAVID H. GRIEVES — STATE OF NEW MEXICO — NO. 6121 — REGISTERED PROFESSIONAL ENGINEER
June 21, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	D. GRIEVES
	06/03/02	DRAWN BY	S. EDINGS
	06/03/02	CHECKED BY	V. CHAVEZ

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD/COAL IMPROVEMENTS WATER SHUTOFF PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	50	57

PLOT DATE=06-29-02 M
PLOT SCALE=1.0000 '/ IN.
DWG NO=0-5851-11-2540
ACAD VERSION=R14 (LMS TECH)
XREF NAME=LEAD-SHUTOFFDWG

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 SEPARATE 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/RESIDENTAL 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. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 7:00 A.M. OR END WORK AFTER 7:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

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. 24 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" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER.

SPECIAL PROJECT TRAFFIC CONTROL NOTES:

1 TWO LANES MUST BE MAINTAINED ON BOTH LEAD AVENUE AND COAL AVENUE AT ALL TIMES; EXCEPT DURING CONSTRUCTION OF THE STORM DRAIN LINES, AND DURING MILLING AND PAVEMENT OPERATIONS.

2. DURING CONSTRUCTION OF THE STORM DRAIN LINE, OR ANY OTHER TIME (EXCEPT FOR MILLING AND PAVING AS OUTLINED IN NOTES 12 AND 13 BELOW) WHEN LESS THAN TWO TRAFFIC LANES EXIST ON EITHER LEAD AVENUE OR COAL AVENUE, THE CONTRACTOR SHALL WORK EXTENDED HOURS CONTINUOUSLY FROM 7:00 A.M. TO 10:00 P.M., SIX (6) DAYS PER WEEK WITH A MINIMUM OF TEN (10) PRODUCTIVE WORKERS UNTIL TWO LANES ARE OPEN TO TRAFFIC.

3. TRAFFIC LANES SHALL BE A MINIMUM OF ELEVEN (11) FEET WIDE.

4. CONTRACTOR SHALL HAVE LEAD AVENUE FULLY OPEN, WITH THREE LANES OPEN TO TRAFFIC, WHEN WORKING ON COAL AVENUE.

5. CONTRACTOR SHALL HAVE COAL AVENUE FULLY OPEN, WITH THREE LANES OPEN TO TRAFFIC, WHEN WORKING ON LEAD AVENUE.

6. CONTRACTOR SHALL ONLY WORK ON ONE SIDE OF LEAD AVENUE OR COAL AVENUE AT A TIME.

7. IF CONTRACTOR ELECTS TO CONSTRUCT STORM DRAIN PRIOR TO ROADWAY MILLING AND PAVING, CONTRACTOR SHALL BACKFILL AND PAVE TO TOP OF EXISTING PAVEMENT. NO DROP-OFFS WILL BE ALLOWED ON TRAFFIC LANES FOR MORE THAN THREE DAYS. THE NMSHTD DROP-OFF POLICY WILL APPLY TO THIS PROJECT.

8. TWO LANES IN EACH DIRECTION ON BROADWAY BLVD. MUST REMAIN OPEN TO TRAFFIC AT ALL TIMES, EXCEPT AS ALLOWED HEREIN. NO TRAFFIC SPLITS WILL BE ALLOWED.

9. LANE CLOSURES ON NORTHBOUND BROADWAY BLVD. WILL NOT BE ALLOWED FROM 6:00 A.M. TO 9:00 A.M., MONDAY THROUGH FRIDAY.

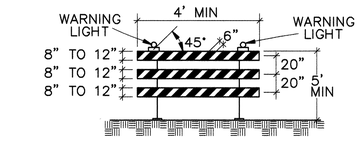
10. LANE CLOSURES ON SOUTHBOUND BROADWAY BLVD. WILL NOT BE ALLOWED FROM 3:00 P.M. TO 7:00 P.M., MONDAY THROUGH FRIDAY.

11. STORM DRAIN CONSTRUCTION IN BROADWAY BLVD. MUST BE PERFORMED OVER A WEEKEND, AND IS LIMITED FROM FRIDAY NIGHT AT 7:00 P.M. THROUGH MONDAY AT 6:00 A.M.

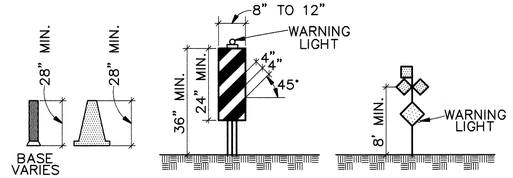
12. CONTRACTOR SHALL WORK MINIMUM HOURS FROM 9:00 A.M. TO 9:00 P.M. DAILY WHEN MILLING AND/OR PAVING LEAD AVENUE, WHILE HAVING ONLY ONE LANE OPEN TO TRAFFIC. TEMPORARY LANE STRIPING WILL BE REQUIRED PRIOR TO OPENING LANES TO TRAFFIC. TAPERS SHALL BE PROVIDED AT ALL PAVEMENT DROP-OFFS.

13. CONTRACTOR SHALL WORK MINIMUM HOURS FROM 7:00 A.M. TO 10:00 P.M. SIX (6) DAYS PER WEEK, WHEN MILLING AND/OR PAVING COAL AVENUE, WHILE HAVING ONLY ONE LANE OPEN TO TRAFFIC. TEMPORARY LANE STRIPING WILL BE REQUIRED PRIOR TO OPENINGS LANES TO TRAFFIC. TAPERS SHALL BE PROVIDED AT ALL PAVEMENT DROP-OFFS.

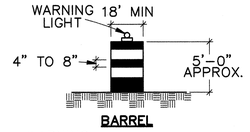
ENGINEER'S SEAL
DAVID H. GRIEVES STATE OF NEW MEXICO NO. 6127 REGISTERED PROFESSIONAL ENGINEER
June 5, 2002



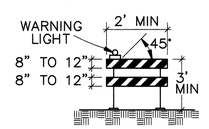
TYPE III BARRICADE



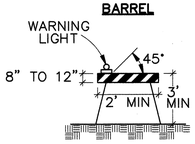
CONES — VERTICAL PANEL — HIGH LEVEL WARNING DEVICE



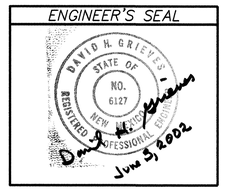
BARREL



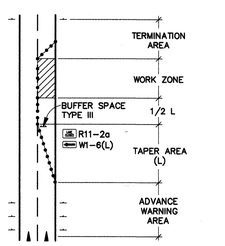
TYPE II BARRICADE



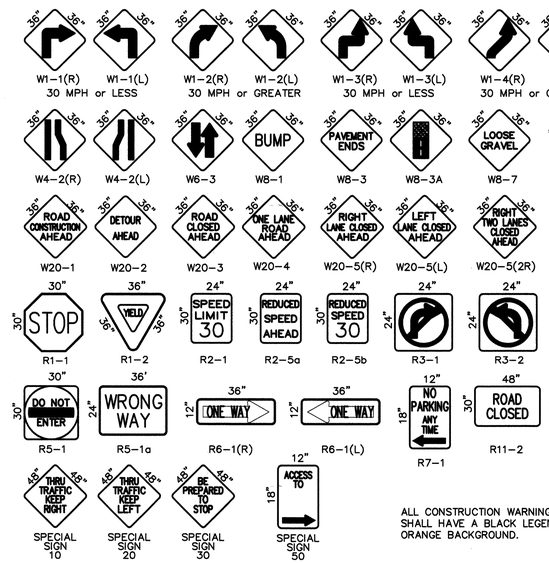
TYPE I BARRICADE
COLLAPSIBLE



R3-16a R3-17



TRAFFIC CONTROL ELEMENTS



SIGN FACE DETAILS

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

FOR INFORMATION ONLY

GENERAL NOTE:

"NO WORK SHALL BE ALLOWED WITHIN A BLOCK OF LOCUST ON LEAD AND COAL UNTIL THE TRAFFIC CONTROL PLAN HAS BEEN PROVIDED AND APPROVED BY THE DISTRICT 3 TRAFFIC ENGINEER, NMSH&TD. THIS TRAFFIC CONTROL PLAN SHALL BE PROVIDED A MINIMUM OF 5 WORKING DAYS PRIOR TO CONSTRUCTION".

LEGEND

	WORK AREA
•	BARRICADE – TYPE I, TYPE II, OR BARREL
⊤	BARRICADE – TYPE III
X	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 SPEED OF THE STREET
L	TAPER LENGTH – SEE CHART BELOW

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

TAPER REQUIREMENTS

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	ALONG 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

WARNING DEVICE

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	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	L = W x S

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

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTION & ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

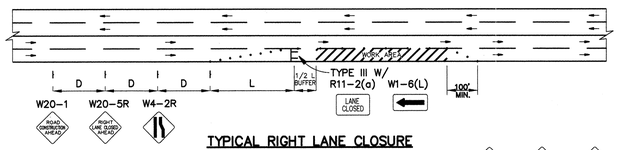
SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

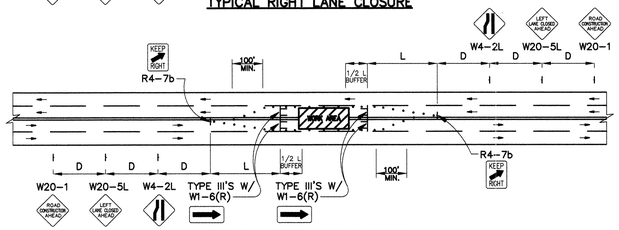
ENGINEER'S SEAL

C.O.A. STANDARD DRAWING

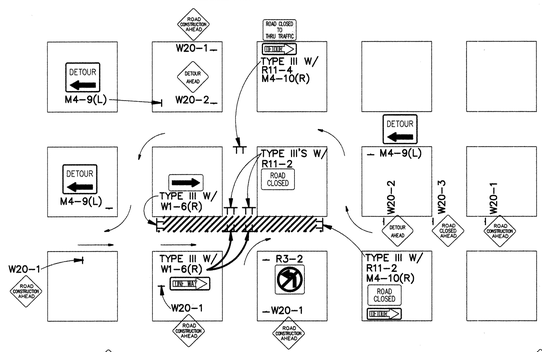
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	



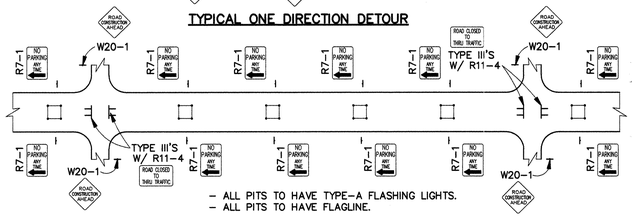
TYPICAL RIGHT LANE CLOSURE



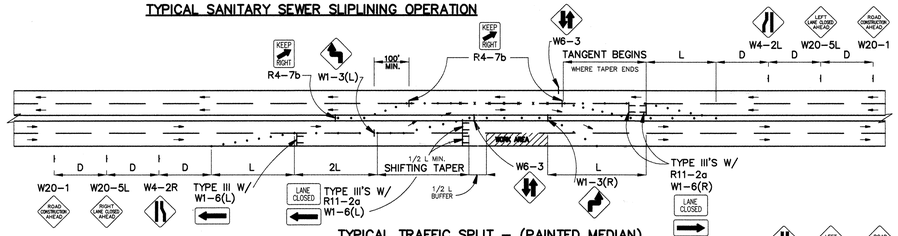
TYPICAL LEFT LANE CLOSURE



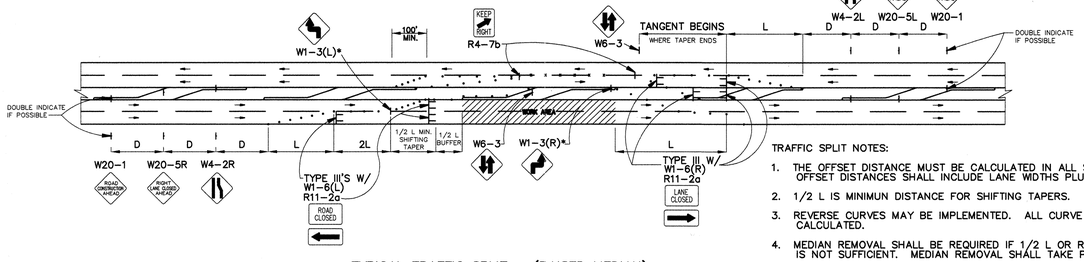
TYPICAL ONE DIRECTION DETOUR



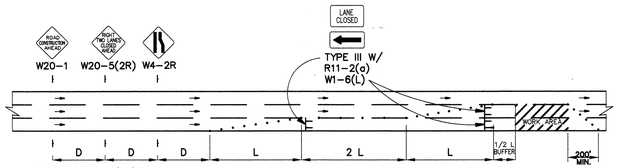
TYPICAL SANITARY SEWER SLIPLINING OPERATION



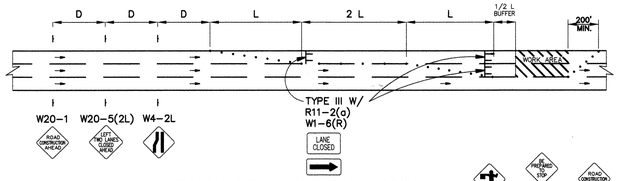
TYPICAL TRAFFIC SPLIT – (PAINTED MEDIAN)



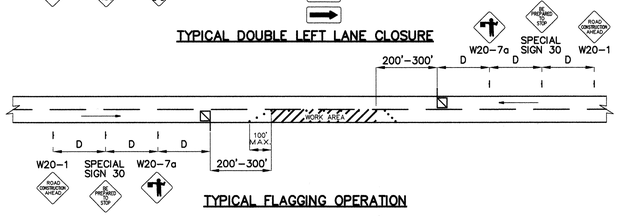
TYPICAL TRAFFIC SPLIT – (RAISED MEDIAN)



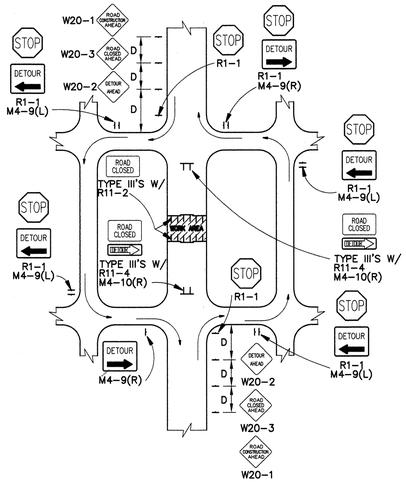
TYPICAL DOUBLE RIGHT LANE CLOSURE



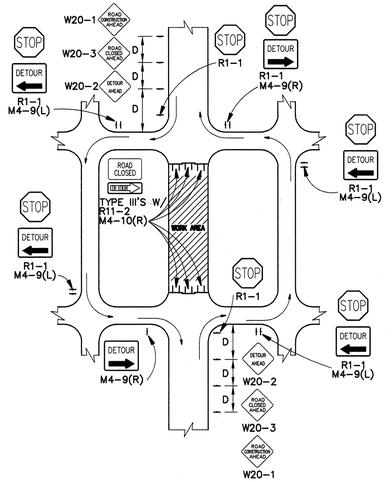
TYPICAL DOUBLE LEFT LANE CLOSURE



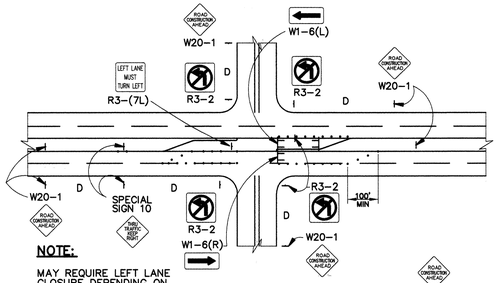
TYPICAL FLAGGING OPERATION



TYPICAL MID–BLOCK CLOSURE
NOTE: (R1–1) BASED ON FIELD CONDITIONS

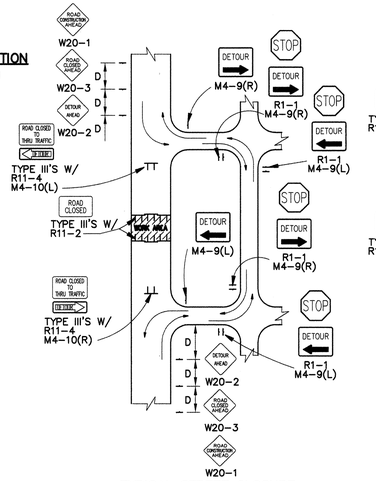


TYPICAL STREET CLOSURE
NOTE: (R1–1) BASED ON FIELD CONDITIONS

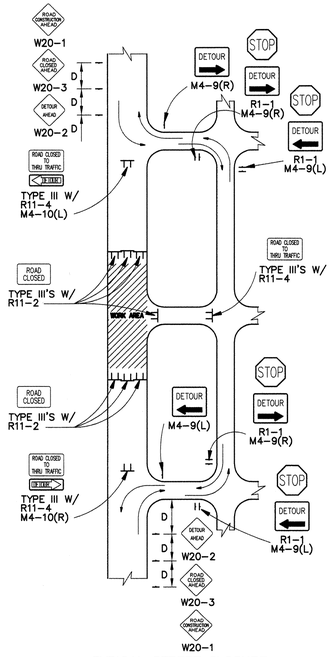


TYPICAL LANE CLOSURE AT INTERSECTION
NOTE: DEPENDING ON WORK ZONE LOCATION

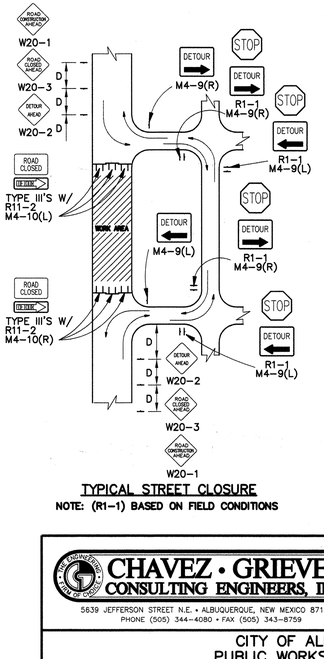
NOTE:
MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.



TYPICAL STREET CLOSURE
NOTE: (R1–1) BASED ON FIELD CONDITIONS



TYPICAL STREET CLOSURE
NOTE: (R1–1) BASED ON FIELD CONDITIONS



TYPICAL STREET CLOSURE
NOTE: (R1–1) BASED ON FIELD CONDITIONS

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 MINIMUN 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.

GENERAL NOTE:

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

ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF FORTY EIGHT (48) INCHES BY FORTY EIGHT (48) INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.

GENERAL NOTE:

"NO WORK SHALL BE ALLOWED WITHIN A BLOCK OF LOCUST ON LEAD AND COAL UNTIL THE TRAFFIC CONTROL PLAN HAS BEEN PROVIDED AND APPROVED BY THE DISTRICT 3 TRAFFIC ENGINEER, NMSH&TD. THIS TRAFFIC CONTROL PLAN SHALL BE PROVIDED A MINIMUM OF 5 WORKING DAYS PRIOR TO CONSTRUCTION".

FOR INFORMATION ONLY

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY — DATE
WORK ACCEPTED BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS CONTROL STATION "5–K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE
CHAVEZ–GRIEVES ENG. | 7/99

ENGINEER'S SEAL

C.O.A. STANDARD DRAWING

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED	D. GRIEVES
		DRAWN BY	S. EDINGS
		CHECKED BY	V. CHAVEZ

DESIGNED — DATE 06/03/02
DRAWN — DATE 06/03/02
CHECKED — DATE 06/03/02

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344–4080 • FAX (505) 343–8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD/COAL IMPROVEMENTS
TRAFFIC CONTROL

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
C.O.A. STANDARD DRAWING	C.O.A. STANDARD DRAWING			

City Project No. 5851.91 | Zone Map No. K-14-Z, K-15-Z | Sheet 52 Of 57

SCANNED BY MESA REPRO

XR NO. C:\DGN 111-5\05 ARE YOU USING THE LATEST DRAWING? IF NOT, RE-PLOT BEFORE USING IT. DGN/TCDS_SP.PIC (PLOTTAL) 05/10/02 08:36:56 by rlee

STA. 53+76 – 50' LT.±
CUT EXISTING 6" C.I. PIPE
INSTALL 6" MJ GATE VALVE W/MEGALUGS
INSTALL 6"x6"x6" MJ TEE W/ MEGALUGS
CONNECT TO EXISTING 6" FIRE HYDRANT LEG (WEST)
RESTRAINED JOINT 2 LF

STA. 53+76 – 50' LT.±
INSTALL 6" – 45° MJ W/ MEGALUGS

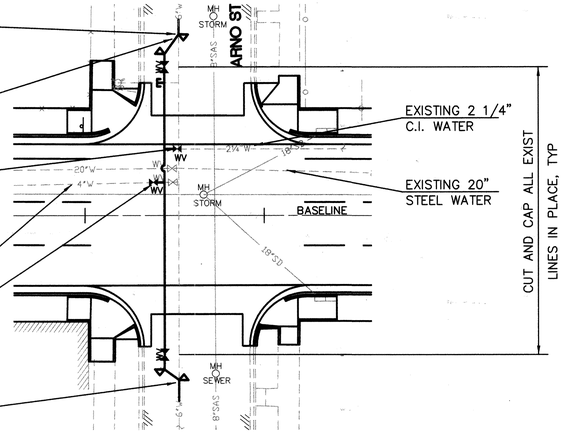
STA. 53+76 – 18.51' LT.±
INSTALL 6"x6"x4" MJ TEE W/MEGALUGS
INSTALL 4" MJ GATE VALVE W/MEGALUGS (EAST)
INSTALL 4"x2 1/4" REDUCER (EAST)
CONNECT TO EXISTING 2 1/4" C.I. PIPE (EAST)

EXISTING 4" C.I. WATER

STA. 53+72 – 9' LT.±
INSTALL 6"x6"x4" MJ TEE W/MEGALUGS
INSTALL 4" MJ GATE VALVE W/MEGALUGS (WEST)
CONNECT TO EXISTING 4" C.I. PIPE (WEST)

STA. 53+75 – 45' RT.±
INSTALL 6" – 45° MJ W/ MEGALUGS
RESTRAINED JOINT 6LF

NOTE :
CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL CONNECTIONS TO EXISTING PIPELINES.



6" WATERLINE REPLACEMENT DETAIL
LEAD AVE. - ARNO ST.
SCALE: 1"=20'

STA. 64+52 – 49' LT.±
CUT EXISTING 6" STEEL PIPE
INSTALL 6" TRANSITION COUPLING
INSTALL 6" D.I. PIPE x 2'-0" LONG
INSTALL 6" MJ GATE VALVE W/MEGALUGS
INSTALL 6"x6"x6" MJ TEE W/MEGALUGS
CONNECT TO EXISTING 6" FIRE HYDRANT LEG (WEST)

STA.64+50 – 45' LT.±
INSTALL 6" – 45° MJ W/ MEGALUGS

EXISTING 2 1/4" C.I. WATER

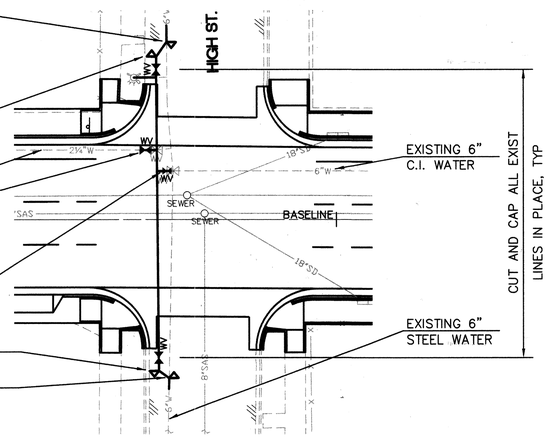
STA. 64+50 – 20' LT.±
INSTALL 6"x6"x4" MJ TEE W/MEGALUGS
INSTALL 4" MJ GATE VALVE W/MEGALUGS (WEST),
REMOVE EXISTING VALVE
INSTALL 4"x2 1/4" REDUCER (WEST)
CONNECT TO EXISTING 2 1/4" C.I. PIPE (WEST)

STA. 64+50 – 14' LT.±
INSTALL 6"x6"x6" MJ TEE W/MEGALUGS
INSTALL 6" MJ GATE VALVE W/MEGALUGS (EAST),
REMOVE EXISTING VALVE
CONNECT TO EXISTING 6" C.I. PIPE (EAST)

STA. 64+50 – 42' RT.±
INSTALL 6" – 45° MJ W/ MEGALUGS

STA. 64+50 – 44' RT.±
CUT EXISTING 6" STEEL PIPE
INSTALL 6" TRANSITION COUPLING
INSTALL 6" D.I. PIPE x 2'-0" LONG
INSTALL 6" MJ GATE VALVE W/MEGALUGS
INSTALL 6" – 45° MJ W/ MEGALUGS

NOTE :
CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL CONNECTIONS TO EXISTING PIPELINES.



6" WATERLINE REPLACEMENT DETAIL
LEAD AVE. - HIGH ST.
SCALE: 1"=20'

STA.64+51 – 45' LT.±

STA. 64+51 – 42' LT.±
CUT EXISTING 8" STEEL PIPE
INSTALL 8" TRANSITION COUPLING
INSTALL 8" D.I. PIPE x 2'-0" LONG
INSTALL 8" MJ GATE VALVE W/MEGALUGS
INSTALL 8"x8"x6" MJ TEE W/MEGALUGS
CONNECT TO EXISTING 6" FIRE HYDRANT LEG (WEST)

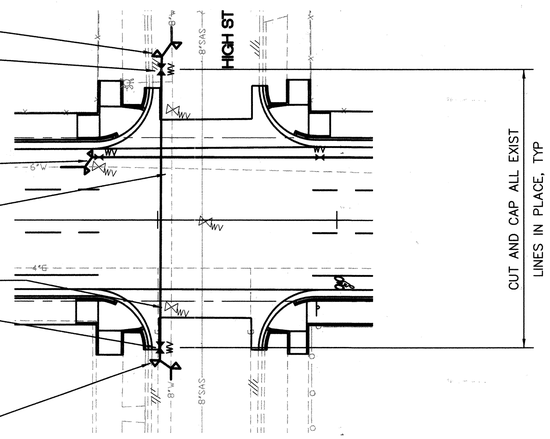
STA. 64+33± – 17' LT.±
REMOVE EXISTING 6" GATE VALVE AND CONNECT NEW PIPE TO EXISTING

STA. 64+51 – 14' LT.±
INSTALL 8"x8"x6" MJ CROSS W/MEGALUGS
INSTALL 6" MJ GATE VALVE W/MEGALUGS (WEST)
INSTALL 6" MJ GATE VALVE W/MEGALUGS (EAST)

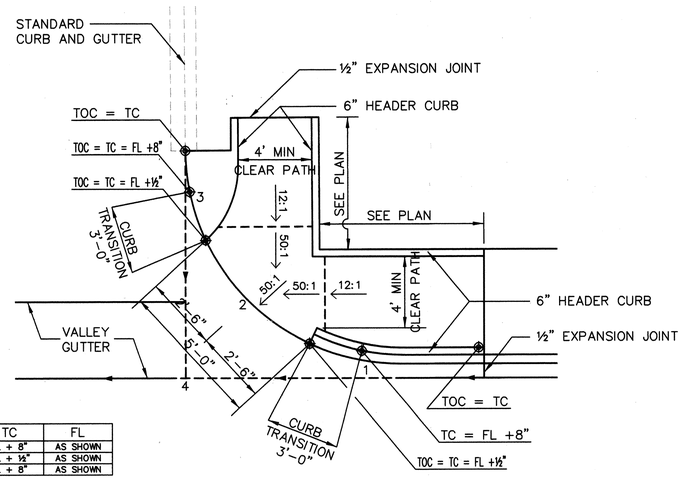
STA. 64+51 – 24.5' RT.±
REMOVE EXISTING 8" GATE VALVE

STA. 64+51– 36' RT.±
CUT EXISTING 8" STEEL PIPE
INSTALL 8" TRANSITION COUPLING
INSTALL 8" D.I. PIPE x 2'-0" LONG
INSTALL 8" MJ GATE VALVE W/MEGALUGS
INSTALL 8" GATE VALVE W/MEGALUGS & BOX
INSTALL 8" – 45° BEND (2 EACH)

STA.64+51 – 40' RT.±

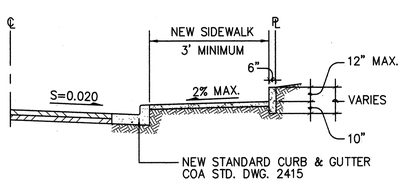


8" WATERLINE REPLACEMENT DETAIL
COAL AVE. - HIGH ST.
SCALE: 1"=20'

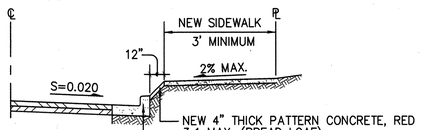


	TC	FL
1	FL + 8"	AS SHOWN
2	FL + ½"	AS SHOWN
3	FL + 8"	AS SHOWN

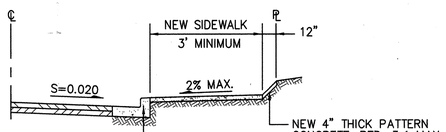
HANDICAP RAMP DETAIL
SCALE: 1"=5'



SECTION A

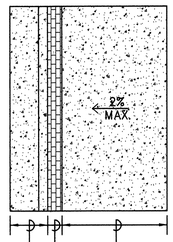


SECTION B

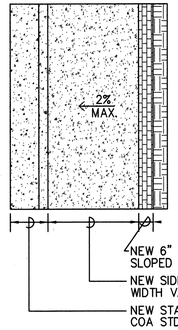


SECTION C

NOTE:
DEPENDING ON FIELD CONDITION, CONTRACTOR SHALL CONSTRUCT SECTION "A" OR SECTION "C". SECTION "B" SHALL ONLY BE UTILIZED, IF DEEMED NECESSARY, AFTER THE APPROVAL OF THE PROJECT ENGINEER.



PLAN VIEW - B



PLAN VIEW - A + C

TYPICAL SIDEWALK DETAIL
SCALE: 1"=5'

FOR INFORMATION ONLY

ELEVATIONS ARE IN NGVD 29

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY / DATE
SUBSTANTIAL COMPLETION / DATE
ACCEPTANCE BY / DATE
VERIFICATION BY / DATE
DRAWINGS CORRECTED BY / DATE

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

MICRO-FILM INFORMATION
RECORDED BY / DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL
DAVID H. GRIEVES, STATE OF NEW MEXICO, NO. 6127, REGISTERED PROFESSIONAL ENGINEER
Mar. 1 2002

NORTH

GRAPHIC SCALE
0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

NO.	DATE	REMARKS
		REVISIONS
		DESIGN
DESIGNED	06/03/02	D. GRIEVES
DRAWN BY	06/03/02	S. EDINGS
CHECKED BY	06/03/02	V. CHAVEZ

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD/COAL IMPROVEMENTS
CIVIL DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
JUL 18 2002 DESIGN REVIEW COMMITTEE	JUL 18 2002 CITY ENGINEER			

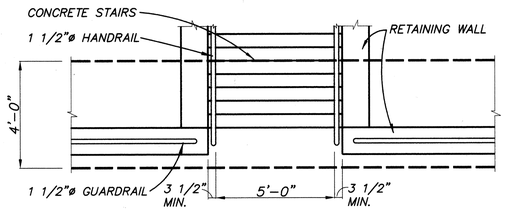
City Project No. 5851.91 | Zone Map No. K-14-Z, K-15-Z | Sheet 53 | Of 57

SCANNED BY MESA REPRO

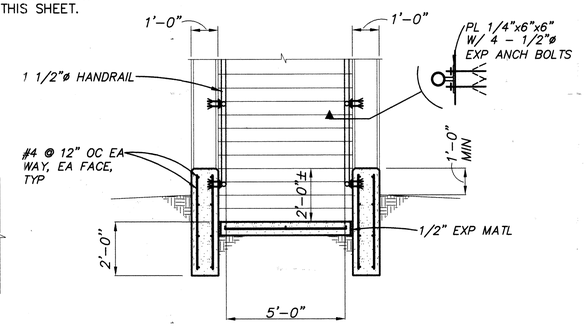
XB #01, C30-111-2505
XB #02, C30-111-2506-LEAD-COALLONG
R/W TRACE #(P)NO
R/W PLAT #(P)NO—02-28-02 R

CONSTRUCTION NOTES:

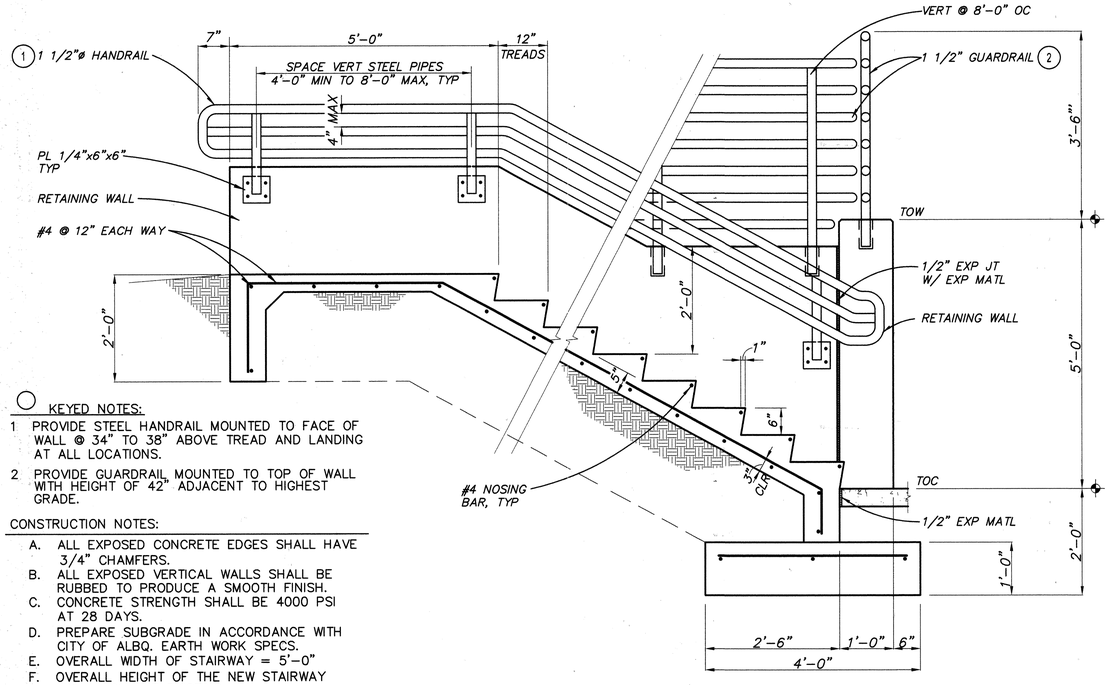
A. FOR RETAINING WALL CONSTRUCTION, SEE RETAINING WALL DETAIL THIS SHEET.
B. FOR STAIRWAY CONSTRUCTION, SEE CONCRETE STAIRWAY DETAIL THIS SHEET.



PLAN
Not to Scale



SECTION
Not to Scale



KEYED NOTES:

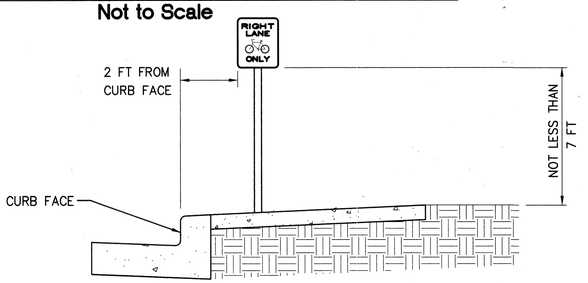
1 PROVIDE STEEL HANDRAIL MOUNTED TO FACE OF WALL @ 34" TO 38" ABOVE TREAD AND LANDING AT ALL LOCATIONS.

2 PROVIDE GUARDRAIL MOUNTED TO TOP OF WALL WITH HEIGHT OF 42" ADJACENT TO HIGHEST GRADE.

CONSTRUCTION NOTES:

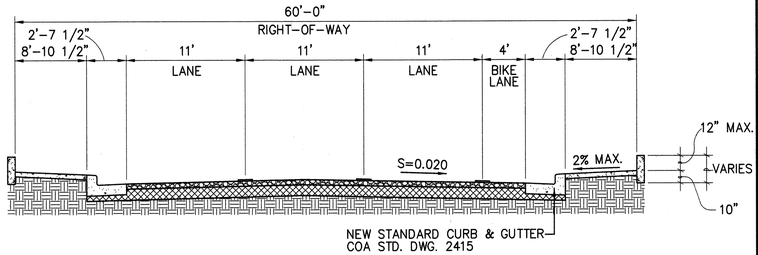
A. ALL EXPOSED CONCRETE EDGES SHALL HAVE 3/4" CHAMFERS.
B. ALL EXPOSED VERTICAL WALLS SHALL BE RUBBED TO PRODUCE A SMOOTH FINISH.
C. CONCRETE STRENGTH SHALL BE 4000 PSI AT 28 DAYS.
D. PREPARE SUBGRADE IN ACCORDANCE WITH CITY OF ALBQ. EARTH WORK SPECS.
E. OVERALL WIDTH OF STAIRWAY = 5'-0"
F. OVERALL HEIGHT OF THE NEW STAIRWAY TO MATCH THE EXISTING.
G. JOINTS SHALL HAVE 1/2" ASPHALT IMPREGNATED FIBER BOARD USED AS FILLER.

SECTION
Not to Scale



SIGN MOUNTING POSITION + HEIGHT FOR ROADSIDE SIGN BUSINESS OR RESIDENCE DISTRICT

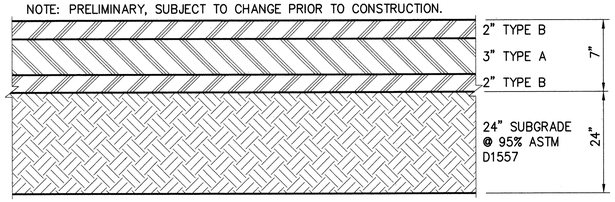
NOT TO SCALE



TYPICAL SECTION

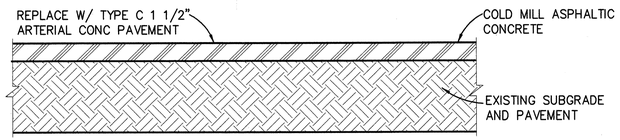
NOT TO SCALE

NOTE: PRELIMINARY, SUBJECT TO CHANGE PRIOR TO CONSTRUCTION.



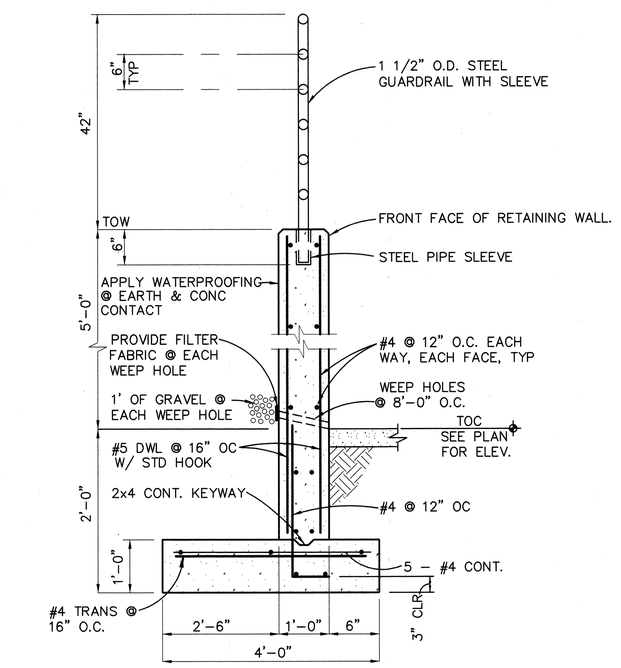
TYPICAL PAVEMENT REPLACEMENT SECTION AT TRENCHES

NOT TO SCALE



TYPICAL PAVEMENT SECTION

NOT TO SCALE



TYPICAL RETAINING WALL DETAIL
Not to Scale

ELEVATIONS ARE IN NGVD 29

SCANNED BY MESA REPRO

AS BUILT INFORMATION
CONTRACTOR
WORK STARTED BY / DATE
WORK ACCEPTANCE BY / DATE
VERIFICATION BY / DATE
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	CHAVEZ-GRIEVES ENG.	7/99

ENGINEER'S SEAL
DAVID H. GRIEVES
STATE OF NEW MEXICO
NO. 6127
REGISTERED PROFESSIONAL ENGINEER
June 7, 2002

NO.	DATE	REMARKS
		REVISIONS
		DESIGN

DESIGNED D. GRIEVES DATE 06/03/02
DRAWN BY S. EDINGS DATE 06/03/02
CHECKED BY V. CHAVEZ DATE 06/03/02

FOR INFORMATION ONLY

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
DEVELOPMENT AND BUILDING SERVICES

TITLE: LEAD/COAL IMPROVEMENTS
CIVIL DETAILS

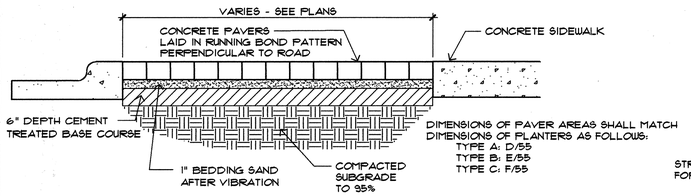
Design Review Committee: APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 18 2002 CITY ENGINEER
Last Design Update: Mo./Day/Yr. / Mo./Day/Yr.

City Project No. 5851.91
Zone Map No. K-14-Z, K-15-Z
Sheet 54 Of 57

AIA NO. 003-111-2308
PROJECT NO. 5851.91
DWG. NO. 06 OF 09
DATE 07/09/01

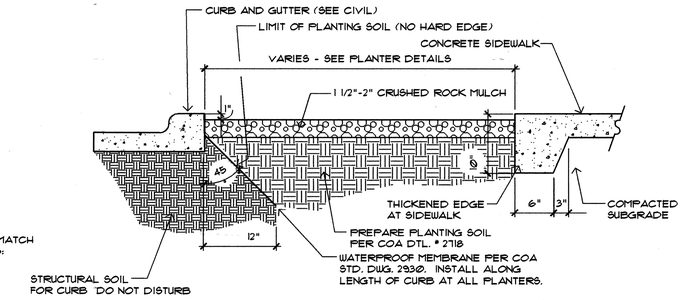
NOTES:

A. CONCRETE PAVERS SHALL BE HOLLAND PAVERS COLOR: RED. NOMINAL DIMENSION 8" X 3 5/8" X 2 1/4". AVAILABLE FROM BIGPOTS PH# 1-888-521-7778.



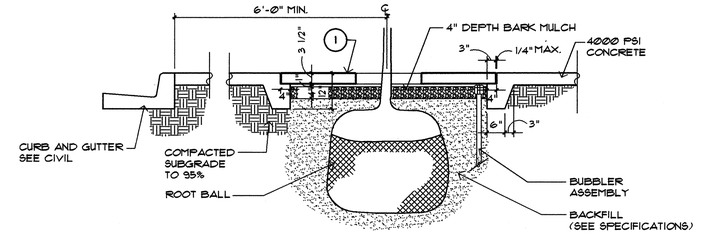
A / 55 **CONCRETE PAVERS**

MCD-0114 110795 1" = 1'-0"

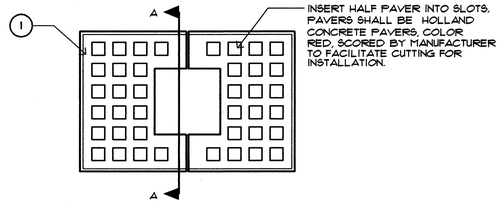


B / 55 **PLANTER SECTION**

MCD-0167 110395 1" = 1'-0"



SECTION A-A

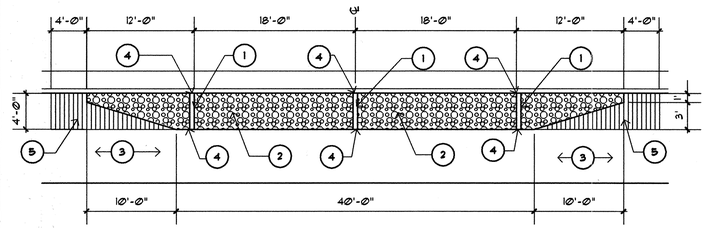


PLAN VIEW

1. 4'X6' CAST CONCRETE TREE GRATE WITH PAVER INSERT AS MANUFACTURED BY INTERLOCK CONCRETE PRODUCTS, MODEL# 45-480090. AVAILABLE FROM BIGPOTS, 1-888-521-7778. INSTALL WITH TOP OF GRATE LEVEL AND FLUSH WITH TOP OF ADJACENT CONCRETE.

C / 55 **PAVER TREE GRATE**

GRATE 062601 1/2" = 1'-0"

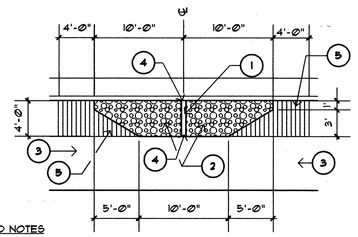


KEYED NOTES

1. 6" CONCRETE EDGER PER COA STD DWG. 2727. (SIM.)
2. FURNISH AND INSTALL 4" DEPTH, PLUM ROSE 1 1/2"- 2" CRUSHED ROCK MULCH. AVAILABLE FROM DECORATIVE ROCK PH.# 280-8794
3. CONCRETE SIDEWALK, SEE CIVIL DRAWINGS
4. 1/2" EXPANSION JOINT WHERE CONCRETE EDGER ABUTS SIDEWALK
5. TEXTURED WARNING SURFACE. 1/4" DEPTH CONTOL JOINTS @ 1" O.C. POERPENDICULAR TO DIRECTION OF TRAFFIC.

55 / D **TYPE 'A' PLANTER BED**

PLTR-A 062501 1/8"= 1'-0"

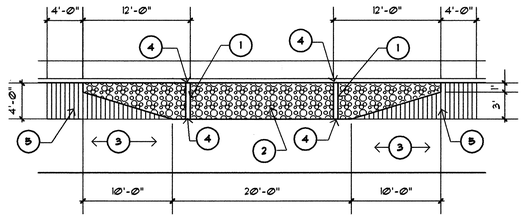


KEYED NOTES

1. 6" CONCRETE EDGER PER COA STD DWG. 2727 (SIM.).
2. FURNISH AND INSTALL 4" DEPTH, PLUM ROSE 1-1/2"-2" ROCK MULCH. AVAILABLE FROM DECORATIVE ROCK PH.# 280-8794
3. CONCRETE SIDEWALK, SEE CIVIL DRAWINGS.
4. 1/2" EXPANSION JOINT WHERE CONCRETE EDGER ABUTS SIDEWALK.
5. TEXTURED WARNING SURFACE. 1/4" DEPTH CONTOL JOINTS @ 1" O.C. PERPENDICULAR TO THE DIRECTION OF TRAFFIC.

E / 55 **TYPE 'B' PLANTER BED**

PLTR-B 062501 1/8"= 1'-0"



KEYED NOTES

1. 6" CONCRETE EDGER PER COA STD DWG. 2727. (SIM.)
2. FURNISH AND INSTALL 4" DEPTH, PLUM ROSE 1-1/2"-2" ROCK MULCH. AVAILABLE FROM DECORATIVE ROCK PH.# 280-8794
3. CONCRETE SIDEWALK, SEE CIVIL DRAWINGS.
4. 1/2" EXPANSION JOINT WHERE CONCRETE EDGER ABUTS SIDEWALK.
5. TEXTURED WARNING SURFACE. 1/4" DEPTH CONTOL JOINTS @ 1" O.C. PERPENDICULAR TO THE DIRECTION OF TRAFFIC.

F / 55 **TYPE 'C' PLANTER BED**

PLTR-C 062501 1/8"= 1'-0"

ELEVATIONS ARE IN NGVD 29

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"

LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.

GEOGRAPHIC POSITION (NAD 27), IN FEET

NM STATE PLANE COORDINATES (CENTRAL ZONE)

X = 381674.83 Y = 1484816.92

ELEV. = 4965.213 NGVD 29, IN FEET

AS BUILT INFORMATION

CONTRACTOR

STAKED BY DATE

INSPECTOR'S ACCEPTANCE BY DATE

FIELD VERIFICATION BY DATE

AS-BUILTS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

ENGINEER'S SEAL

STATE OF NEW MEXICO
REGISTERED
JEFFREY C. REARDON
No. 26
LANDSCAPE ARCHITECT
June 3, 2002

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BHM	DATE 5/17/02
		DRAWN BY KR/VW	DATE 5/17/02
		CHECKED BY DCW	DATE 5/17/02

FOR INFORMATION ONLY

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
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PHONE (505) 344-4080 - FAX (505) 345-8750

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LEAD & COAL AVENUE IMPROVEMENTS
LANDSCAPE CONSTRUCTION DETAILS

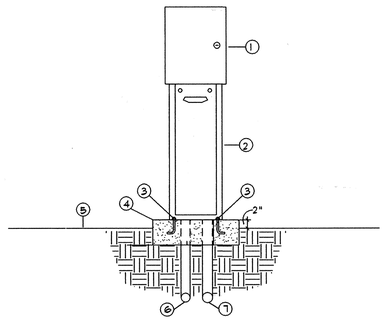
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	55	57

SCANNED BY MESA REPRO

JOB NO.: 0124.111-5198
FILE: G:\DGN\WORK\LEAD\LEAD_LANDSCAPE.DWG(XREF:IMPROVE.DWG)
PLOT: 06/11/01 PS (FULL SCALE)
REV: 06/11/01 PS

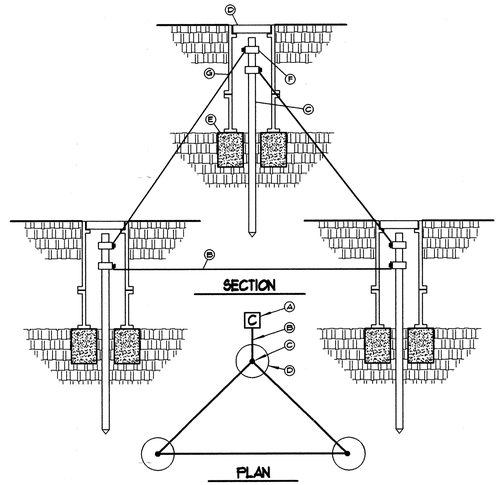
NAME: 120\LEADC8T.DWG DATE: JUN. 3, 2002 PLOT 1:1 SHEET3A BASE REVISION: 6-11-01 VW/RHT



1. AUTOMATIC CONTROLLER, SEE IRRIGATION LEGEND
2. PEDESTAL (SAME AS CONTROLLER MANUFACTURER)
3. 1/2"x6" ANCHOR BOLTS, FOUR PER PEDESTAL
4. 3000 PSI CONCRETE PAD - 18" x 24" x 8" THICK
5. FINISH GRADE
6. 3/4" RIGID PVC SWEEP ELL (120 VOLT WIRE)
7. 2" RIGID PVC SWEEP ELL (24 VOLT WIRE)

A/56 AUTOMATIC CONTROLLER

N.T.S.



KEY (TYPICAL)

- (A) IRRIGATION CONTROLLER, SEE IRRIGATION LEGEND.
- (B) #10 AWG WIRE FROM IRRIGATION CONTROLLER TO GROUND ROD CLAMP. WIRE SHALL BE INSTALLED STRAIGHT AND TAUT.
- (C) GROUND ROD, PLACE IN IRRIGATED AREA A MINIMUM OF 8' FROM ONE ANOTHER AND 8' FROM CONTROLLER.
- (D) 1" DIAMETER x 9" DEEP BROOKS 100 SERIES VALVE BOX WITH COVER.
- (E) 8"x8"x16" SOLID CMU BLOCK.
- (F) GROUND ROD CLAMP
- (G) DRILL A SMALL OPENING IN VALVE BOX TO MAINTAIN WIRE TAUTNESS.

B/56 CONTROLLER GROUNDING DETAIL

N.T.S.

IRRIGATION LEGEND

- [M] METERED WATER SERVICE, SIZE 1". SEE NOTE NO. 5 BELOW.
- ====== MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
- ========== 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
- ---------- IRRIGATION MAIN LINE, SCH. 40, BELL-END, SOLVENT WELD PVC, SIZE 1¼". DEPTH OF BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN AND 18" FOR NON-CONTINUOUS .
- ———— LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC. SIZE AS SHOWN ON PLAN. DEPTH OF BURY, 18". SIZES NOT SHOWN ON PLAN SHALL BE ¾".
- BACKFLOW PREVENTER AND MASTER VALVE ASSEMBLY, FEBCO 860, 1" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH BALL VALVES IN HOT BOX MODEL NO. 1 HEATED AND INSULATED BACKFLOW ENCLOSURE WITH WEATHERMATIC 11024-FCR-XPR PRESSURE REGULATING MASTER VALVE, ADD ARAD FLOWMETER, SIZE 1". INSTALL PER C.O.A. DRAWING NO. 2701, (SIM.)
- ARAD FLOW ASSEMBLY, SIZE 1". INSTALL PER C.O.A. DRAWING NUMBER 2703.
- REMOTE CONTROL VALVE ASSEMBLY, WEATHERMATIC 11024-FCR-XPR PLASTIC BODY, PRESSURE REGULATING 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. INSTALL PER C.O.A. DRAWING NUMBER 2703.

PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES, AS FOLLOWS: INSTALL PER C.O.A. DRAWING NUMBERS *2711-A AND *2712.

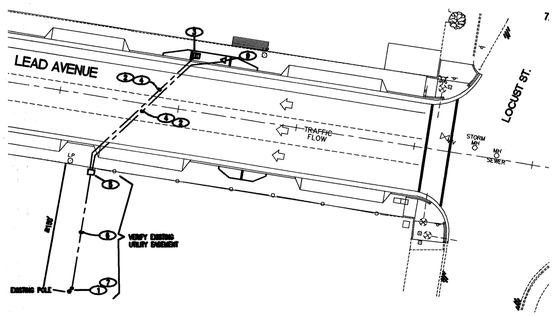
	MODEL NO.	GPM	PSI
◆	1401	.25	30
▲	1402	.50	30

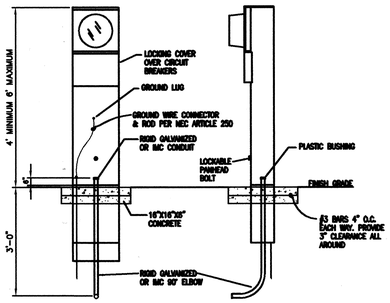
*NOTE: THE CONTRACTOR SHALL INSTALL KING BROTHERS INC. 1/2" CHECK VALVES MODEL NO. CV-075200-MP ON TOP OF SCH. 40 PVC COUPLER. SEE C.O.A. DRAWING NUMBERS 2711-A AND 2712.

- [C] IRRIGATION CONTROLLER, SCORPIO 8 STATION, PEDESTAL WITH STAINLESS STEEL PEDESTAL AND 24-VOLT SURGE PROTECTION. MODEL NO. 15-S1A-RW-SS-J. INSTALL PER DETAIL A/56 AND B/56

IRRIGATION NOTES

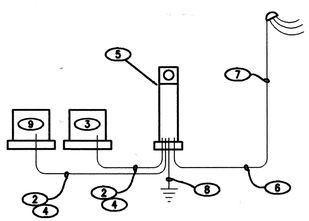
1. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN ACCORDANCE WITH PLANS, CITY OF ALBUQUERQUE (C.O.A.) WRITTEN SPECIFICATIONS AND DETAILS.
2. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF SLEEVE PIPING WITH ALL TRADES TO INSURE THAT SLEEVES ARE INSTALLED PROPERLY PRIOR TO INSTALLATION OF CURB AND GUTTER, ASPHALT PAVING, SIDEWALKS, CONCRETE PADS, ETC.
3. THIS SYSTEM WAS DESIGNED AT A MINIMUM STATIC PRESSURE OF 70 PSI AT THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY ACTUAL PSI AND DELIVER RESULTS TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. IN THE EVENT THE ACTUAL PSI IS LESS THAN 70 PSI THE CONTRACTOR SHALL RECEIVE DIRECTION FROM LANDSCAPE ARCHITECT REGARDING DESIGN MODIFICATIONS IF NECESSARY.
4. THE CONTRACTOR SHALL PROVIDE TWO 120-VOLT, 20 AMP CIRCUITS FROM ELECTRICAL SOURCE TO IRRIGATION CONTROLLER AND BACKFLOW PREVENTER ENCLOSURE (ONE TO EACH). ALL WORK AND MATERIALS SHALL MEET LOCAL CODES AND THE NATIONAL ELECTRIC CODE (N.E.C.). SEE LIGHTING PLAN FOR ELECTRICAL SOURCE.
5. THE CONTRACTOR SHALL PROVIDE AND INSTALL A COMPLETE METERED WATER SERVICE WHICH SHALL INCLUDE PAVEMENT SAW-CUTS, PAVEMENT REMOVALS & RELACEMENTS, CURB AND GUTTER REMOVAL AND REPLACEMENTS. THE CONTRACTOR SHALL ALSO PROVIDE MATERIALS, PARTS ACCESSORIES, ETC., AS REQUIRED TO INSTALL THE SERVICE INCLUDING PRESSURE TAP AS SHOWN ON C.O.A. DRAWING NUMBERS 2362 AND 2366. THE C.O.A. WILL PAY FOR U.E.C. STAND-BY AND PRO-RATA CHARGES. THE C.O.A. WILL PAY FOR AND PROVIDE METER TURBINE WHICH SHALL BE INSTALLED BY CONTRACTOR.
6. IRRIGATION MAIN LINE, SLEEVES, VALVES, ETC., SHOWN IN STREET ARE FOR CLARITY ONLY. CONTRACTOR SHALL INSTALL 18" FROM B.O.C. IN PLANTING BEDS.





METERING PEDESTAL DETAIL

NOT TO SCALE



POWER RISER DIAGRAM

SERVICE: 120/240V, 1ø, 3W

GENERAL NOTES:

1. ALL ELECTRICAL TO MEET NATIONAL, STATE AND LOCAL CODES.
2. ALL NEW ELECTRICAL EQUIPMENT TO BE U.L. LISTED FOR INTENDED USE.

KEYED NOTES:

1. EXISTING WOOD POLE AND STREET LIGHT TO BE RELOCATED BY PNM ELECTRIC SERVICES.
2. DISCONNECT AND REMOVE EXISTING METER, SWITCH AND RISER. REMOVE POLE.
3. EXISTING IRRIGATION CONTROLLER TO REMAIN, DISCONNECT FROM EXISTING METER AND RE-CONNECT TO NEW METER PEDESTAL. REFER TO POWER RISER DIAGRAM.
4. 3-#2 THWN CU. AND 1-#8 GROUND IN 2" PVC CONDUIT, MINIMUM BURY 36".
5. INSTALL 120/240V, 1ø METERING PEDESTAL WITH 100A-2P MAIN BREAKER AND A MINIMUM OF 4 SPARE 20A-1P BREAKERS PER PNM STANDARD DRAWING #DS-4-10.0.
6. INSTALL 2" SCHEDULE 80 PVC CONDUIT WITH 3-#2 THWN CU.
7. INSTALL 2" RIGID CONDUIT RISER WITH 3-#2 THWN CU. PER PNM STANDARD DRAWING REQUIREMENTS.
8. GROUND CONNECTION, REFER TO DETAIL THIS SHEET.

CONTRACTOR UTILITY NOTE

THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH MUNICIPAL OFFICIALS AND PREVIOUS CONSTRUCTION DRAWINGS. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES IN THE IMMEDIATE VICINITY OF THE PROPOSED BUILDING(S) MAY BE SLIGHTLY DIFFERENT FROM THE LOCATION SHOWN ON THIS DRAWING. IF ADDITIONAL LINES ARE ENCOUNTERED, THEY SHALL BE EXPOSED BY THIS CONTRACTOR. WHERE ADDITIONAL LINES AND/OR DIFFERING LOCATIONS ARE ENCOUNTERED THIS CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER AS TO ANY NECESSARY CHANGE OF MATERIALS, REROUTING, ABANDONING OR RELOCATION OF SUCH LINES. ALL LINES ENCOUNTERED THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED (IF ACTIVE) AND SHALL BE REMOVED (IF INACTIVE) BY THIS CONTRACTOR UNDER THIS CONTRACT. ALL BIDDERS ARE CAUTIONED TO INVESTIGATE SITE CONDITIONS BEFORE SUBMITTING THEIR BIDS. CONTRACTOR TO CUT AND PATCH TO MATCH EXISTING PAVEMENT FOR ANY NEW ELECTRICAL CONSTRUCTION WHERE APPLICABLE. IF CONTRACTOR FAILS TO LOCATE AN EXISTING UTILITY AND DAMAGES THE UTILITY DURING CONSTRUCTION, ALL COSTS TO REPAIR OR REPLACE THE DAMAGED UTILITY WILL BE BORN BY THIS CONTRACTOR WITHOUT ANY COST TO THE OWNER.

ALLIED ENGINEERING
8000 PENNSYLVANIA CIRCLE N.E.
SUITE "B"
ALBUQUERQUE, NEW MEXICO 87110
DENNIS M. SCARCELL, P.E.
(505)262-1766

ELEVATIONS ARE IN NGVD 29

FOR INFORMATION ONLY

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LEAD/COAL AVENUE IMPROVEMENTS
IRRIGATION AND ELECTRICAL DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 18 2002 CITY ENGINEER			

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	56	57

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGNED	ARU
		DRAWN BY	ARU
		CHECKED BY	DCW

DATE 5/17/02
DATE 5/17/02
DATE 5/17/02

ENGINEER'S SEAL
NEW MEXICO ELIZABETH G. REARDON NO. 26 REGISTERED LANDSCAPE ARCHITECT
June 3, 2002

AS BUILT INFORMATION

CONTRACTOR — DATE
STAKING BY — DATE
INSPECTOR'S SIGNATURE/DATE — DATE
FIELD VERIFICATION BY — DATE
AS-BUILTS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

SURVEY INFORMATION

BENCH MARKS

ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM. STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

FIELD NOTES

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

SCANNED BY MESA REPRO

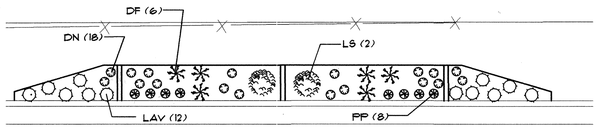
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ENG: NO.CO3.111L2.DWG (PLOTTED)
ENG: 05/30/02 07:19:36 PC
NAME: 1201coal1RRG.DWG DATE: JUN 3, 2002 PLOT 1:1 VIEW SHEET3A BASE REVISION: 6-11-01 ARU/DCW/LK

PLANT LIST

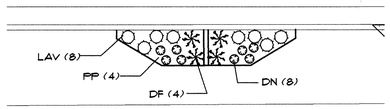
SYM	COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE INSTALLED	SIZE MATURE	COMMENTS
	TREES					
LP	London Plane Tree	Platanus acerifolia	19	2 1/2" cal.	60' ht., 30' spd.	
RA	Raywood Ash	Fraxinus oxycarpa 'Raywood'	31	2 1/2" cal.	40' ht., 25' spd.	
WH	Thornless Washington Hawthorn	Crataegus phaenopyrum	31	1-1/2" cal.	25' ht., 20' spd.	
GRT	Goldenrain Tree	Koelreuteria paniculata	20	2 1/2" cal.	25' ht. & 20' spd.	
	SHRUBS					
LS	Lo-Gro Sumac	Rhus aromatica 'Gro-Lo'	25	5 gal.	12" ht. & 3' spd.	
DN	Dwarf Nandina	Nandina domestica 'Compacta'	396	5 gal.	12" ht. & spd.	
DF	Dwarf Fountain Grass	Pennisetum alopecuroides 'Cassian'	210	5 gal.	2' ht. & spd.	
	GROUNDCOVERS					
LAV	Lavender	Lavandula angustifolia 'Munstead'	350	1 gal.	18" ht. & 18" spd.	
PP	Pinsleaf Penstemon	Penstemon pinifolius	78	1 gal.	10" ht. & 12" spd.	

PLANTING NOTES

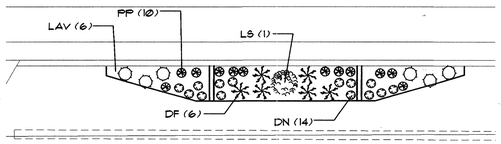
1. IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LIST AND THOSE SHOWN ON THE PLANTING PLAN, THE QUANTITIES SHOWN ON THE PLAN SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID AND INSTALLATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLANTING PLAN AND THE PLANT LIST.
2. A 4" DEPTH OF 1 1/2" - 2" 'PLUM ROSE' CRUSHED ROCK MULCH WITH FILTER FABRIC UNDER SHALL BE INSTALLED THROUGHOUT PLANTING BEDS. FILTER FABRIC SHALL BE MIN. 4 OZ. WOVEN NEEDLE PUNCHED POLYPROPLYENE (DEWITT OR EQUIVALENT). OVERLAP ENDS 3", TURN DOWN EDGES 6". MULCH IS AVAILABLE FROM DECORATIVE ROCK PRODUCTS OF NEW MEXICO, PH.# (505) 280-8794.
3. A 4" DEPTH BARK MULCH SHALL BE PROVIDED AT BASE OF ALL TREES IN GRATES.
4. THE CONTRACTOR SHALL PRUNE LOWER BRANCHES OF DECIDUOUS TREES TO 6 FEET ABOVE FINISH GRADE.
5. TREES AND SHRUBS SHALL BE PLANTED PER COA STD. DWGS. #2715 & #2718.



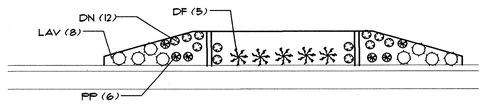
SHRUB PLANTING ENLARGEMENT 'A'
TYPICAL SHRUB PLANTING FOR ALL 'A' PLANTERS — SCALE 1/8" = 1'



SHRUB PLANTING ENLARGEMENT 'B'
TYPICAL SHRUB PLANTING FOR ALL 'B' PLANTERS — SCALE 1/8" = 1'



SHRUB PLANTING ENLARGEMENT 'C'
TYPICAL SHRUB PLANTING FOR ALL 'C' PLANTERS — SCALE 1/8" = 1'



SHRUB PLANTING ENLARGEMENT 'D'
TYPICAL SHRUB PLANTING FOR ALL 'D' PLANTERS — SCALE 1/8" = 1'

ELEVATIONS ARE IN NGVD 29

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
FINAL INSPECTION & ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION

NO.	BY	DATE
	CHAVEZ-GRIEVES ENG.	7/99

FIELD NOTES

BENCH MARKS
ACS CONTROL STATION "5-K 14 A"
LOCATED AT THE SW QUADRANT OF THE LEAD AVE. & BROADWAY BLVD INTERSECTION. THE MONUMENT IS APPROX. 3 FEET WEST OF BACK OF THE CURB ON BROADWAY AND APPROX. 2.5 FEET SOUTH OF THE BACK OF CURB ON LEAD.
GEOGRAPHIC POSITION (NAD 27), IN FEET
NM STATE PLANE COORDINATES (CENTRAL ZONE)
X = 381874.83 Y = 1484816.92
ELEV. = 4965.213 NGVD 29, IN FEET

ENGINEER'S SEAL
STATE OF NEW MEXICO — REGISTERED — REARDON — No. 10 — LANDSCAPE ARCHITECT
June 3, 2002

NO.	DATE	REMARKS
		REVISIONS
		DESIGN — DATE 5/17/02 — DESIGNED BHM
		DRAWN BY KR/RT/VW — DATE 5/17/02
		CHECKED BY DCW — DATE 5/17/02

MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

FOR INFORMATION ONLY

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC.
5639 JEFFERSON STREET N.E. - ALBUQUERQUE, NEW MEXICO 87109
PHONE (505) 344-4080 - FAX (505) 343-8759

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LEAD & COAL AVENUE IMPROVEMENTS
MISCELLANEOUS PLANTING

Design Review Committee: APPROVED JUL 18 2002 DESIGN REVIEW COMMITTEE
City Engineer Approval: APPROVED JUL 18 2002 CITY ENGINEER
Last Design Update — Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
5851.91	K-14-Z, K-15-Z	57	57

SCANNED BY MESA REPRO

JOB NO. 005-111-5199
DRAWING NO. 2 OF 2 (ROADWAY LIGHTING DWG. EXIST./ROADWAY.DWG)
DRAWN BY: PC
CHECKED BY: PC
DATE: 05/25/00

NAME: 120lcoalplt.DWG DATE: APRIL 16, 2002 PLOT 1:1 VIEW SHEET3A BASE REVISION: 6-11-01 VW/RHT