

SEWER IMPROVEMENTS

ACME ACHES

INDEX OF DRAWINGS

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APPROVAL OF RECORD DRAWINGS
CHIEF CONSTRUCTION ENGINEER

CHAVEZ • GRIEVES CONSULTING ENGINEERS, INC. 5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109 PHONE (505) 344-4080 • FAX (505) 343-8759 REV. SHEETS USER DEPARTMENT CITY ENGINEER USER DEPARTMENT ***** ENGINEER'S STAMP & SIGNATURE APPROVALS ENGINEER DATE APPROVED FOR CONSTRUCTION onstr. Coord. City Project No. Sheet 666881

PROJECT SITE

SURVEYOR'S CERTIFICATION

"I. Timothy Aldrich, a duly qualified Registered Professional [187] Surveyor under the laws of the State of New Mexico, do here: certify that the 'as-built' information shown on these drawings ve obtained from field construction and 'as-built' surveys performed why me or under my supervision, what has be while with an image or shown on these drawings was added by me or under my supervision. and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

DRB Case No. 1001178

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.

REFERENCE MADE TO COA STD DWGS. REFER TO CITY OF ALBUQUERQUE STANDARD DRAWINGS AS AMENDED THROUGH UPDATE #6.

REFERENCE MADE TO APWA REFERS TO AMERICAN PUBLIC WORKS ASSOCIATION. REFERENCE MADE TO NMSHTD REFERS TO NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT.

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

THE CONTRACTOR SHALL USE THE DESIGNATED STAGING AREA FOR STORAGE OF EQUIPMENT AND MATERIAL. 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. IF NO
STAGING AREA IS DESIGNATED ON THESE PLANS, AN OFF-SITE STAGING AREA
SHALL BE PROVIDED AT THE CONTRACTOR'S EXPENSE.

WORK WITHIN CITY RIGHT-OF-WAY

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. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL AT HIS OWN EXPENSE, RETAIN A LICENSED SURVEYOR TO ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

ALL CONSTRUCTION WITHIN CITY R.O.W. OR EASEMENTS MUST BE DONE FROM WORK ORDER DOCUMENTS APPROVED BY THE CITY OF ALBUQUERQUE.

CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS TO CONSTRUCT FACILITIES WITHIN CITY RIGHT-OF-WAY.

ELECTRONIC MARKER DISCS SHALL BE PLACED IN ACCORDANCE WITH SECTION 170 OF THE CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION.

DIMENSIONS

ALL DIMENSIONS IN PARKING AREAS AND DRIVES ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.

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

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.

<u>SOILS</u>

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

MATERIAL

SIDEWALK SUBGRADE

CURB AND GUTTER SUBGRADE

PERCENT COMPACTION

STRUCTURAL FILL IN THE BUILDING AREA SUBBASE FOR SLAB SUPPORT MISCELLANEOUS BACKFILL BELOW STRUCTURAL FILL OR ROAD PAVEMENT MISCELLANEOUS BACKFILL BELOW UNPAVED, NON-BUILDING AREAS ROAD PAVEMENT SUBGRADE

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 AND ELECTRICAL. TELEPHONE. TV & SEWER MANHOLES IN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO FINISHED

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 NEAT THE AREA OF THE WORK IN ACCORDANCE WITH CHAPTER 62, ARTICLE 14-1 THROUGH 14-8, NMSA 1978.

THE 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 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

CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (857-8200) THREE WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFÈCT EXISTING PUBLIC WATER OR SEWER UTILITIES.

EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION (857-8200) THREE DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

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

CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.

INSTALL RESIDENTIAL WATER SERVICE LINES PER C.O.A. STANDARD DRAWING

INSTALL RESIDENTIAL SANITARY SEWER SERVICE LINES PER C.O.A. STANDARD

SANITARY SEWER LINES SHALL BE PVC SDR-35. WATER LINES SHALL BE PVC C-900.

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 SECURE A "TOP SOIL DISTURBANCE PERMIT" FROM CITY OF ALBUQUERQUE ENVIRONMENTAL HEALTH DIVISION PRIOR TO BEGINNING CONSTRUCTION.

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

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

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

SEEDING OF DISTURBED AREAS SHALL BE DONE IN ACCORDANCE WITH C.O.A. STANDARD SPECIFICATION #1012, "NATIVE GRASS 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 CONTRACTORS RESPONSIBILITY TO OBTAIN ANY PERMITS REQUIRED FOR HAUL OR DISPOSAL OF WASTE PRODUCTS. IT SHALL BE THE CONTRACTORS 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 AIR POLLUTION CONTROL REGULATIONS OF THE ALBUQUERQUE/BERNALILLO COUNTY AIR QUALITY CONTROL BOARD (505-768-2638) LIMIT THE EMISSION OF PARTICULATES AND THE USE OF CUTBACK ASPHALT. THE CONTRACTOR SHALL APPRISE HIMSELF OF THESE REGULATIONS PRIOR TO BIDDING AND PERFORMING THE WORK.

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

ACCESSIBLE FACILITIES

ILL 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".

WORK WITHIN C.O.A. RIGHT-OF-WAY

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #6.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- THREE WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (765-2551) PRIOR TO OCCUPYING PUBLIC RIGHT-OF-WAY. SEE SECTION 19 OF THE SPECIFICATIONS. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN

THE FOLLOWING NOTES APPLY WHEN CHECKED

ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED

BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.

0 TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY

SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.

IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF

ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

LEGEND DESCRIPTION **EXISTING** NEW WINDOWS CONTROL CONTROL CONTROLS CONTROLS BUILDING **ASPHALT** CONCRETE WATER VALVE FIRE HYDRANT CURB AND GUTTER HEADER CURB **★**TC49.1 SPOT ELEVATIONSAS....... SANITARY SEWER WATER LINE STORM DRAIN ----- SD -----MANHOLE (SANITARY) MANHOLE (ELECTRICAL) MANHOLE (CABLE TV) MANHOLE (STORM DRAIN) EXISTING DROP INLET FLOW LINE DIRECTION OF SLOPE PROPERTY LINE LIMITS OF CONSTRUCTION

REFERENCE BUBBLES:

-CROSS-REFERENCE SHEET NUMBER

ABBREVIATIONS

A.D.	-	ALGEBRAIC DIFFERENCE IN SLOPES	K :	-	RATE OF VERTICAL CURVE
AIP	****	ABANDONED IN PLACE	L :	-	LEFT
BLDG	****	BUILDING	LEN. :	===	LENGTH
RM	-	RENCHMARK	15 -		LINEAD FEET

BM = BENCHMARK BVCS = BEGINNING VERTICAL CURVE STATION BVCE = BEGINNING VERTICAL CURVE ELEVATION CATV = CABLE TV LINE

CB = CATCH BASINCIP = CAST IRON PIPE CMP = CORRUGATED METAL PIPE

CMPA = CORRUGATED METAL PIPE ARCH CO = CLEAN OUTCONC = CONCRETECL = CHAIN LINK

DIA = DIAMETER = DROP INLET = DUCTILE IRON PIPE E = ELECTRICELEV = ELEVATION

ESMT = EASEMENTEVCS = END VERTICAL CURVE STATION EVCE = END VERTICAL CURVE ELEVATION

EXIST = EXISTING= ELECTRIC BOX = FINISHED FLOOR = FINISHED GRADE = FIRE HYDRANT

= FLOW LINE = FIRE WATER = FINISHED PAD (DIRT) = GAS

= GAS METER GΥ = GATE VALVE HC = HANDICAPHI PT = HIGH POINT INV = INVERT ELEVATION

LP = LIGHT POLE L/S = LANDSCAPING

MH = MANHOLE PB = PULL BOXPL = PROPERTY LINE

PC = POINT OF CURVE PCC = PORTLAND CEMENT CONCRETE P.I. = POINT OF INTERSECTION = POWER POLE

PRC = POINT OF REVERSE CURVE PT = POINT OF TANGENT PVI = POINT OF VERTICAL INTERSECTION

PVC = POLYVINYL CHLORIDE PIPE R = RIGHTRCP = REINFORCED CONCRETE PIPE

RD = ROOF DRAINROW = RIGHT OF WAY= SLOPE SAS = SANITARY SEWER LINE

STA = STATIONSTD = STANDARD = TELEPHONE LINE TA = TOP OF ASPHALTTAC = TOP OF ASPHALT CURB TC = TOP OF CONCRETE

TOC = TOP OF CONCRETE CURB TG = TOP OF GRATE TS = TOP OF SIDEWALK TW = TOP OF WALLTYP = TYPICAL

TB = TELEPHONE BOX

= STORM DRAIN

SD

TR = TELEPHONE RISER = UNDERGROUND ELECTRICAL LINE

= UNKNOWN = UNDERGROUND TELEPHONE LINE VC = VERTICAL CURVE

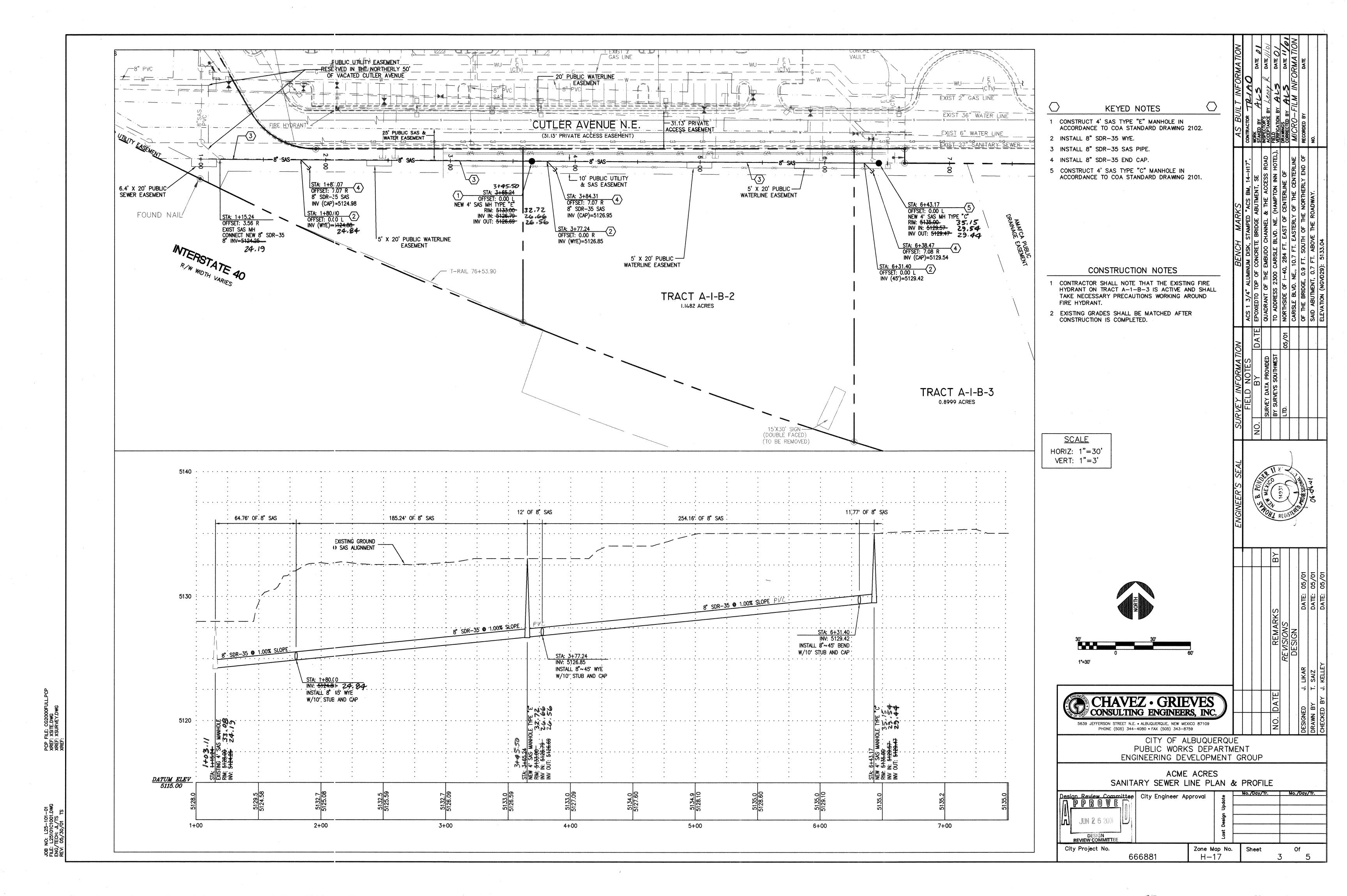
W = WATERWM = WATER METER WV = WATER VALVE

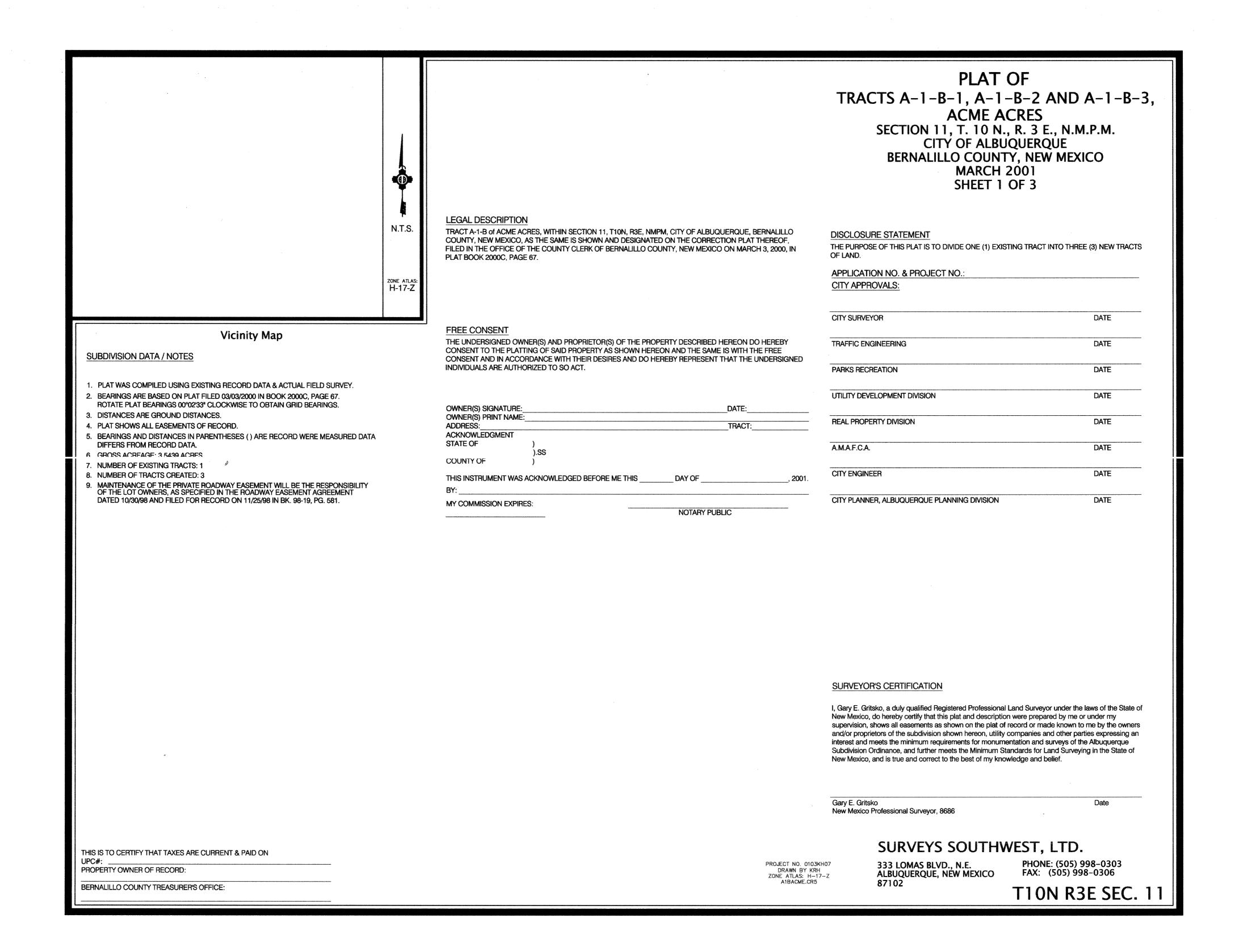
> **CHAVEZ • GRIEVES** CONSULTING ENGINEERS, INC. 5639 JEFFERSON STREET N.E. • ALBUQUERQUE, NEW MEXICO 87109 PHONE (505) 344-4080 • FAX (505) 343-8759

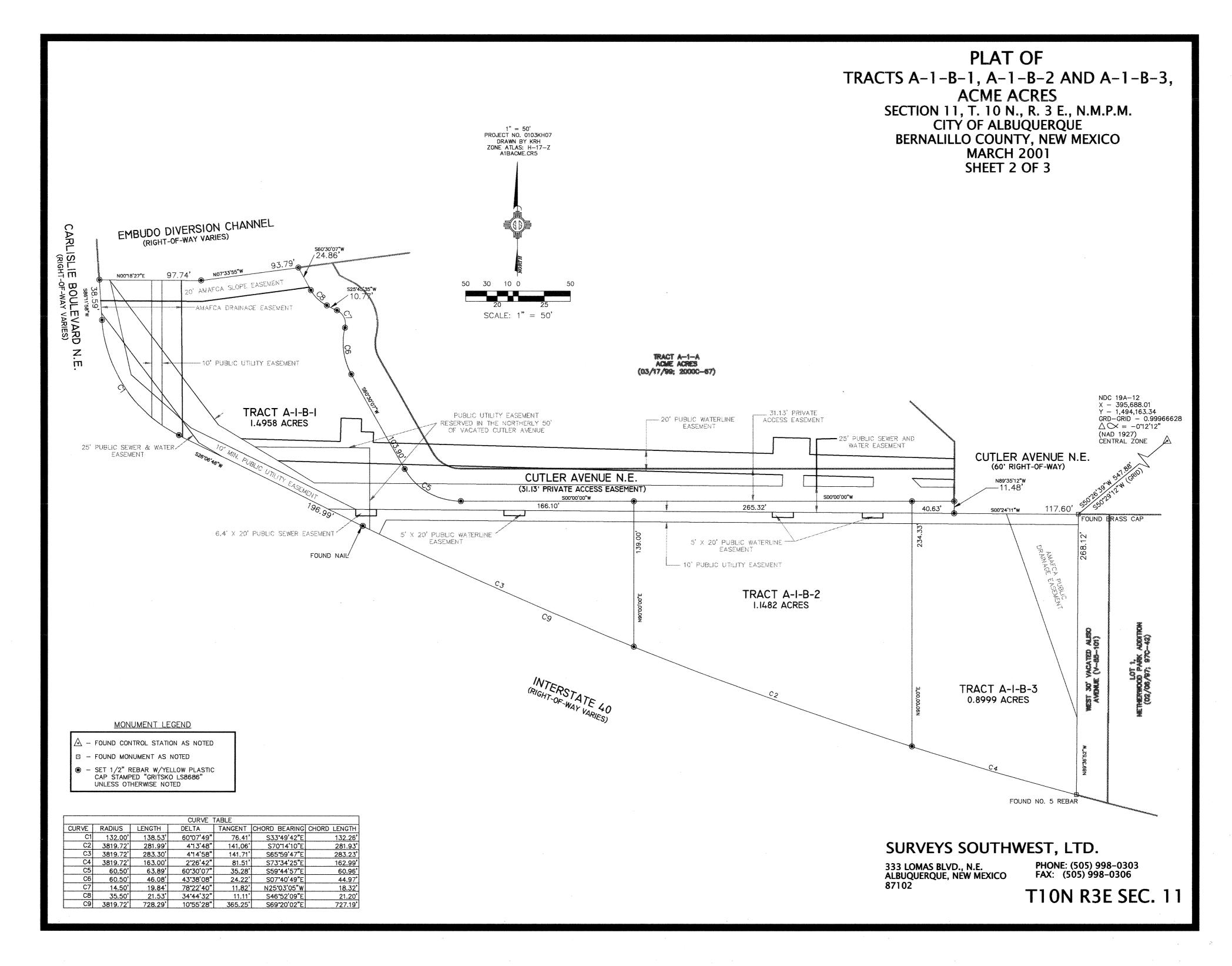
> > CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP

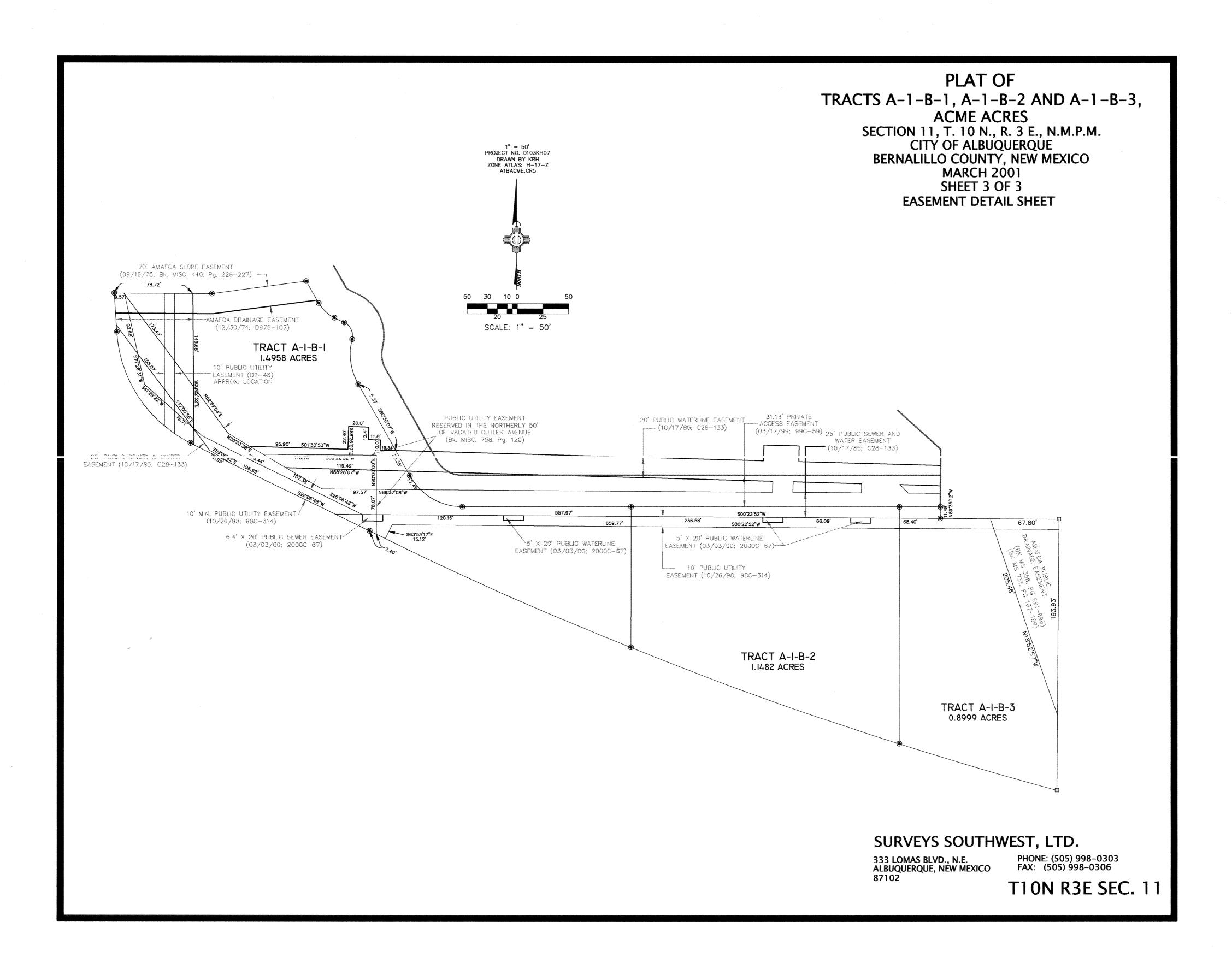
ACME ACRES GENERAL NOTES, LEGEND AND ABBREVIATIONS

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