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RECORD DRAWING

I, Charles G. Cala, Jr., Registered Professional Surveyor in the State of New Mexico, do hereby certify that this "as-built" information shown hereon was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal

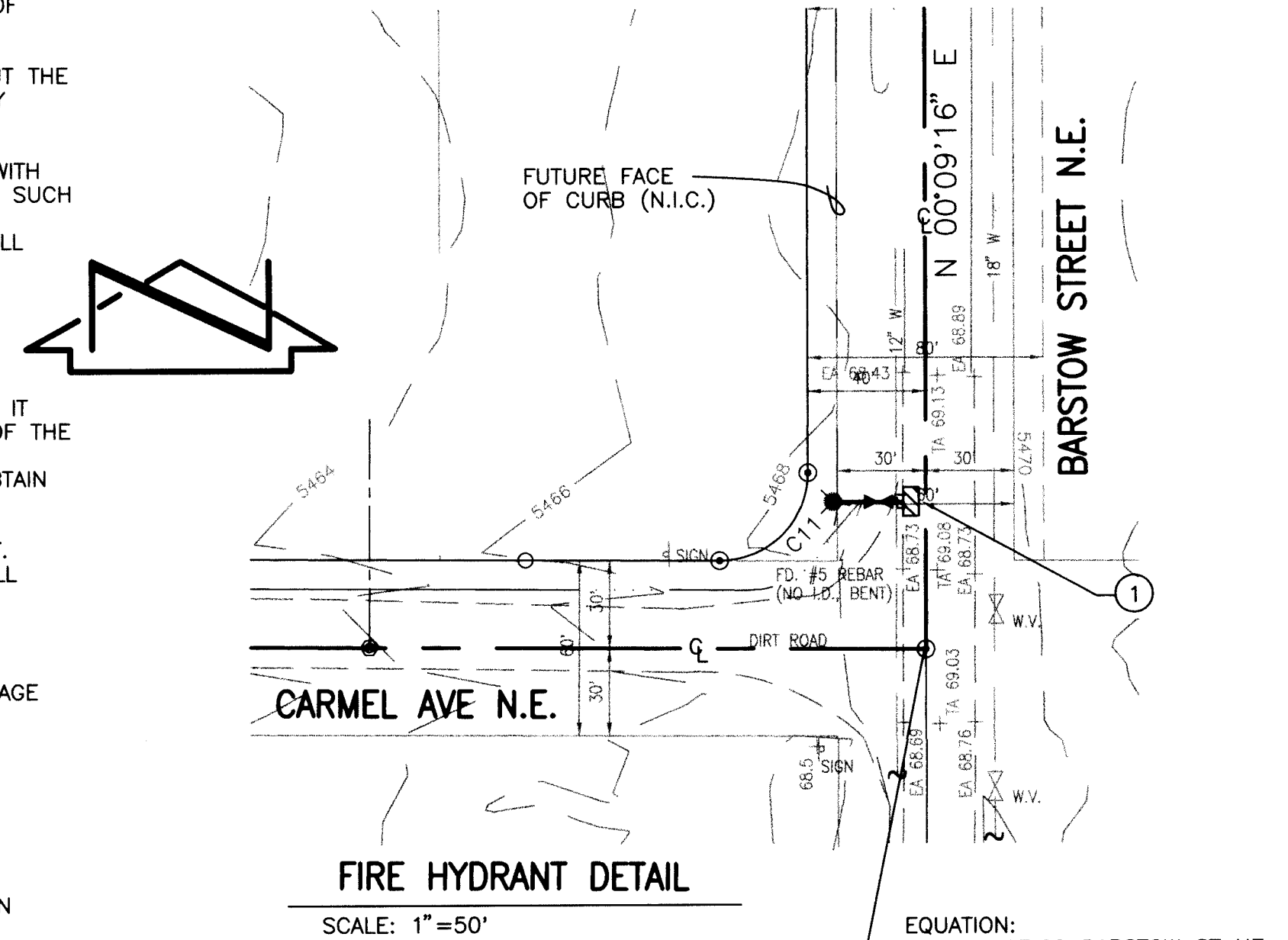
I, Charles G. Cala, Jr., Registered Professional Surveyor in the State of New Mexico, do hereby certify that this "as-built" information shown hereon was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Charles G. Cal
Charles G. Cal Jr.
NMPS No. 11184

- THE DESIGN OF THIS PROJECT IS BASED UPON THE PLAN TITLED "NORTH DOMINGO BACA ARROYO - SOIL CEMENT CHANNEL WITHIN WINDOW G, WYOMING BOULEVARD N.E. TO BARSTOW STREET N.E." PREPARED BY JEFF MORTENSEN & ASSOCIATES, INC., ENGINEER'S STAMP DATED 12-31-1996.
- THE C.L.O.M.R. FOR THIS PROJECT (CASE NO: 97-06-217R) WAS APPROVED BY F.E.M.A. ON MARCH 6, 1997.
- THE CONTRACTOR SHALL LIMIT ITS ACTIVITIES TO THE AREA SHOWN ON THE SITE PLAN. THE CONTRACTOR SHALL NOT UTILIZE ADJACENT PROPERTIES FOR CONSTRUCTION ACTIVITIES UNLESS PRIOR AUTHORIZATION IS RECEIVED FROM THE OWNER(S) OF SAID PROPERTIES.
- TEMPORARY SHOOFLY (SHEET 23) WILL DIVERT WYOMING TRAFFIC AROUND CONSTRUCTION AREA DURING CHANNEL PROJECT DURATION AND WYOMING BOULEVARD IMPROVEMENTS CONSTRUCTION. WYOMING IMPROVEMENTS AND CONSTRUCTION/REMOVAL OF SHOOFLY TO BE PERFORMED BY SEPARATE CONTRACT. SHOOFLY TO BE IN PLACE BY SEPTEMBER 15, 1997.
- SHOOFLY (CITY PROJECT NO. 572981) SHALL BE CONSTRUCTED BY SEPARATE CONTRACT PRIOR TO SEPTEMBER 15, 1997.
- SHOOFLY SHALL BE REMOVED BY SEPARATE CONTRACT FOLLOWING COMPLETION OF WYOMING BOULEVARD IMPROVEMENTS.
- RIP-RAP APRON (SHEET 17) SHALL BE CONSTRUCTED IMMEDIATELY FOLLOWING REMOVAL OF SHOOFLY. IF SHOOFLY IS NOT REMOVED BEFORE 14 DAYS PRIOR TO PROJECT COMPLETION DATE, CONTRACTOR SHALL PROVIDE AND STOCKPILE RIP-RAP AT PROJECT MANAGER'S DIRECTION IN LIEU OF INSTALLATION. NO ADJUSTMENT IN CONTRACT PRICE SHALL BE MADE.
- FINAL OUTLET GRADING (SHEET 22) SHALL BE PERFORMED AND COMPLETED AFTER REMOVAL OF SHOOFLY. IF SHOOFLY IS NOT REMOVED BEFORE 14 DAYS PRIOR TO PROJECT COMPLETION DATE, FINAL OUTLET GRADING SHALL BE DELETED FROM THE CONTRACT.
- BECAUSE THIS PROJECT LIES WITHIN EXISTING FLOODPLAIN, ALL FILL SHALL BE COMPACTED TO A MINIMUM DRY DENSITY OF 95% (A.S.T.M. D-1557). REFER TO PROJECT SPECIFICATIONS FOR SPECIFIC COMPACTION REQUIREMENTS.
- A SEPARATE CONTRACT FOR GRADING AND CONSTRUCTION OF PINNACLE ESTATES AND LA CUEVA VILLAGE WILL BE EXECUTED FOR THE SAME TIME AS THE CHANNEL GRADING AND CONSTRUCTION. IN SOME CASES, THE DIFFERENCE BETWEEN PROPOSED AND EXISTING GRADE AT THE COMMON PROPERTY LINE IS AS MUCH AS THREE (3) VERTICAL FEET. THE CONTRACTOR SHALL COORDINATE COMMON LINE GRADING WITH THE ADJACENT CONTRACTOR TO AVOID LEAVING VERTICAL CUTS AND/OR FILLS. THE MAXIMUM UNSUPPORTED SLOPE SHALL BE 2:1 UP TO A MAXIMUM HEIGHT OF THREE (3) FEET.
- ALL EXCESS SOIL NOT REQUIRED FOR SOIL CEMENT PRODUCTION TO BECOME THE PROPERTY OF HOECH REAL ESTATE CORPORATION (HREC). EXCESS SOIL TO BE STOCKPILED AT THE DESIGNATED AREAS SHOWN ON SHEET 5.
- THE AIR POLLUTION CONTROL REGULATIONS OF THE ALBUQUERQUE-BERNALILLO COUNTY AIR QUALITY CONTROL BOARD (505)768-2600 LIMIT EMISSION OF PARTICULATE MATTER AND THE USE OF CUT BACK ASPHALT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CLARIFY THESE RESTRICTIONS WITH THE ENVIRONMENTAL HEALTH DEPARTMENT PRIOR TO SUBMITTAL OF BIDS TO AVOID CONFLICTS WITH THE REGULATIONS. ANY REQUIRED PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL COMPLY WITH ALL REGULATIONS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY, INCLUDING THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEMS (NPDES) PROGRAM. FOR INFORMATION, CONTACT THE NPDES HOTLINE AT (703) 821-4823.
- THE CONTRACTOR IS RESPONSIBLE FOR FILING A "NOTICE OF INTENT" UNDER THE "GENERAL PERMIT" FOR ALL STORM WATER DRAINAGE ACTIVITY DURING PROJECT CONSTRUCTION. SEE SECTION 603 OF THE STANDARD SPECIFICATIONS.
- NOISE SUPPRESSION DEVICES SHALL BE KEPT IN WORKING ORDER ON ALL EQUIPMENT THROUGHOUT THE COURSE OF CONSTRUCTION IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS AND CITY ORDINANCES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, ETC. WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING DISCOVERIES OF PAST SPILLS AND OF CURRENT SPILLS NOT ASSOCIATED WITH CONSTRUCTION. REPORTS SHALL BE MADE IMMEDIATELY TO THE NEW MEXICO ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE 827-4308 OR 470-3657.
- A GEOTECHNICAL INVESTIGATION REPORT INCLUDING RESULTS OF EXPLORATORY BORINGS ARE AVAILABLE FOR CONTRACTOR'S REVIEW PRIOR TO BIDDING ON THIS PROJECT. THE RESULTS OF BORINGS AND STATEMENTS IN THE REPORT ARE ONLY FOR CONTRACTORS INFORMATION ONLY AND IT SHALL NOT BE CONSIDERED AS A REPLACEMENT FOR CONTRACTOR'S INDEPENDENT VERIFICATION OF THE EXISTING MATERIALS AT VARIOUS LOCATIONS THROUGHOUT THE ENTIRE LENGTH OF THE PROJECT. CONTRACTORS MAY AND ARE ENCOURAGED TO PERFORM THEIR OWN LABORATORY TESTINGS TO OBTAIN ALL NECESSARY INFORMATION FOR BIDDING PURPOSES.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE AND SUPPLY WATER FOR THE PROJECT. THE COST WILL BE INCIDENTAL TO COMPLETION OF THE PROJECT AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.
- THE USE OF HEAVY ROLLING EQUIPMENT AND/OR VIBRATORY ROLLERS TO OBTAIN THE REQUIRED DENSITIES IN SOIL CEMENT, EMBANKMENT, EMBANKMENT FOUNDATION, MISCELLANEOUS FILLS & SURGRADE WILL NOT BE PERMITTED IN AREAS WHERE THE USE OF SUCH EQUIPMENT WOULD DAMAGE UNREINFORCED MASONRY STRUCTURES, DWELLINGS, UNDERGROUND UTILITY FACILITIES OR OTHER PERMANENT INSTALLATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFELY OBTAINING THE REQUIRED COMPACTION. THE CONTRACTOR SHALL SELECT AND USE METHODS WHICH SHALL NOT BE INJURIOUS OR DAMAGING TO THE EXISTING FACILITIES AND STRUCTURES WHICH SURROUND THE WORK AREAS.
- THE CONTRACTOR SHALL NOT EXCEED LEGAL LOADS ON ROADWAYS.
- QUANTITIES SHOWN HEREIN FOR THE VARIOUS BID ITEMS ARE FOR THE CONTRACTOR'S INFORMATION ONLY. PAYMENT SHALL BE BASED ON ACTUAL QUANTITIES AS CONSTRUCTED, EXCEPT FOR SOIL CEMENT. SOIL CEMENT SHALL BE PAID FOR FROM PLAN QUANTITIES.
- MATERIALS TESTING WILL BE PERFORMED IN ACCORDANCE WITH SECTION 106 OF THE STANDARD SPECIFICATIONS.
- FILL MATERIALS FROM EXCAVATION OR BORROW WHICH REQUIRE MORE THAN ONE HANDLING PRIOR TO FINAL PLACEMENT, INCLUDING STOCKPILING AND BLENDING TO MEET GRADATION REQUIREMENTS OR STOCKPILING FOR LATER DISPOSAL, WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE FOR UNCLASSIFIED EXCAVATION. NO SEPARATE PAYMENT SHALL BE MADE FOR FILLING, BLENDING OR MULTIPLE HANDLING AND FINAL PAYMENT SHALL BE MADE ON THE BASIS OF QUANTITIES REMOVED FROM THE ORIGINAL LOCATION.
- 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 WITH EQUIPMENT FOR DUST POLLUTION ABATEMENT AS DIRECTED BY THE PROJECT MANAGER. THE CONTRACTOR, SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER AS REQUIRED.
- THE CONTRACTOR WILL BE RESPONSIBLE TO REPLACE AT HIS OWN EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED IN THE PROCESS OF CONSTRUCTION. ALL PROPERTY CORNERS MUST BE SET BY A REGISTERED PROFESSIONAL SURVEYOR.
- JEFF MORTENSEN & ASSOCIATES, INC. SHALL SET TBM'S AND FLAG FOUND PROPERTY CORNERS AS REQUIRED TO ESTABLISH PROJECT CONTROL. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN THESE MARKERS.
- BRIDGE ABUTMENTS AT WYOMING ARE A PART OF THIS CONTRACT. BRIDGE DECK, WYOMING RECONSTRUCTION, REMOVAL OF SHOOFLY AND ANY MISCELLANEOUS APPURTENANCES ASSOCIATED WITH WYOMING BRIDGE DECK ARE NOT A PART OF THIS CONTRACT. BRIDGE ABUTMENTS AND ASSOCIATED RETAINING WALLS ARE BID LOT 2.



SCALE: 1" = 2' - 0"



SCALE: 1"=50'


REFER TO SHEET 21 FOR WATERLINE INSTALLATION NOTES

① PRESSURE CONNECTION BARSTOW STA 14+77.39(10'RT)
 INSTALL: 1-12"x12"x6" TAPPING SLEEVE
 CONCRETE BLOCKING
 1-6" TAPPING GATE VALVE
 1-TYPE "B" VALVE BOX
 22 LF 6" PVC C-900
 1-FIRE HYDRANT (4 1/2" BURY)(31.5'RT)
 PER COA STD DWG 2340
 FLANGE @ 5470-B 68.92
 BOLLARDS AND CONCRETE PAD

NEATLY SAWCUT, REMOVE, DISPOSE
AND REPLACE EXISTING ASPHALTIC
CONCRETE PAVING PER COA STD
DWG 2465

SCANNED BY

940951



JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. NE.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250




CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: NORTH DOMINGO BACA ARROYO WINDOW G SOIL CEMENT CHANNEL	
SUMMARY OF QUANTITIES, PROJECT NOTES, FIRE HYDRANT DETAIL	

Design Review Committee	City Engineer Approval	Date	Mo./Day/Yr.	Mo./Day/Yr.

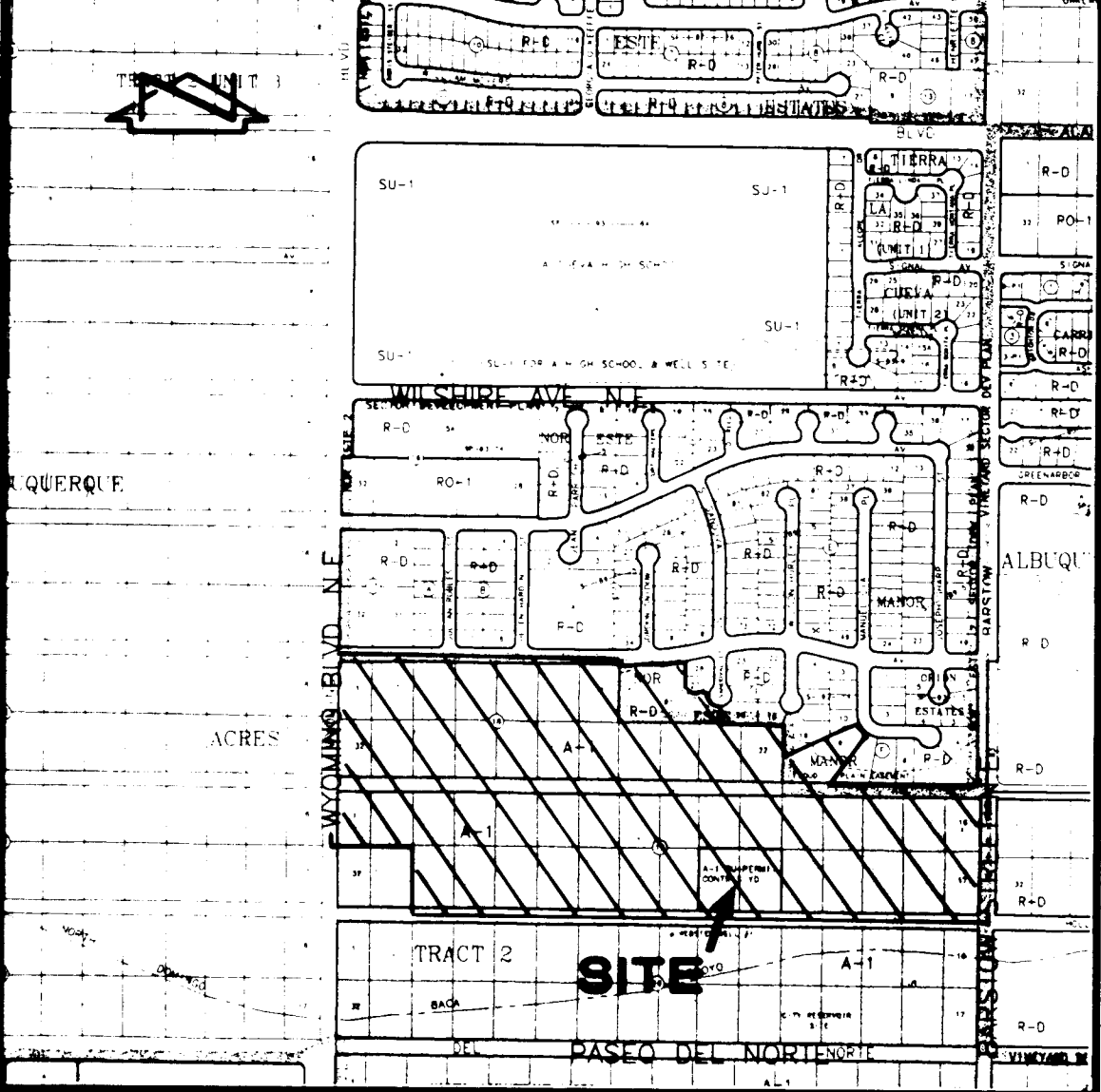
Design Update _____ _____ _____	_____	_____
	_____	_____
	_____	_____

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Oil District No. _____		Range Map No. _____		Sheet _____ of _____	

City Project No. 572982 Zone Map No. C-19 Sheet 2 of 27

970625



VICINITY MAP

C-19

DEDICATION AND FREE CONSENT

The undersigned owners of the land shown hereon do hereby consent to the subdivision of said land in the manner shown on this plat and do hereby dedicate in fee simple with warranty covenants the public rights-of-way and grant the easements as shown, including the rights of ingress and egress and the right to trim interfering trees.

Donald G. Hoech, President, Hoech Real Estate Corporation, Date 7/26/97
a New Mexico Corporation, (Tracts A, B and Lots 1-59)

Gordon L. Skarsgard, Manager and Registered Agent, Window G Commercial Ltd. Co., a New Mexico Limited Liability Co., (Tract C) Date 7/25/97

Nasib F. Nuseibeh, Bahiah Battah Nuseibeh, Husband and Wife, (Tracts D, E and F) Date 7/25/97

Richard T. Stewart, Brenda J. Stewart, Husband and Wife, (Lot 9A) Date 7/25/97

Larry A. Blair, Executive Engineer, A.M.A.F.C.A., (Tract B-1-A) Date July 25, 1997

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on this 28th day of July, 1997, by Donald G. Hoech as President of Hoech Real Estate Corporation, a New Mexico Corporation, on behalf of said Corporation.

Charles G. Cala, Jr., Notary Public

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on this 29th day of July, 1997, by Gordon L. Skarsgard as Manager and Registered Agent of Window G Commercial Ltd. Co., a New Mexico Limited Liability Co., on behalf of said Limited Liability Co.

Charles G. Cala, Jr., Notary Public

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on this 28th day of July, 1997, by Nasib F. Nuseibeh and Bahiah Battah Nuseibeh, Husband and Wife.

Juan M. Cole, Notary Public

SUBDIVISION PLAT OF
LA CUEVA VILLAGE, UNIT 1

ALBUQUERQUE, NEW MEXICO

JULY, 1997

DESCRIPTION

A certain tract of land located within the Corporate Limits of the City of Albuquerque, New Mexico, comprising Lots 1-7, inclusive, Lots 22-32, inclusive, Block 18, and Lots 1-30, inclusive, Block 19, Tract 2, Unit 3, North Albuquerque Acres on the same are shown on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 10, 1931, Book D1, Page 20, together with Lot 9 and Tract B-1, Nor Este Manor, as shown on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 12, 1993, Book 93C, Page 131, together with public rights-of-way within Carmel Avenue N.E. and Holly Avenue N.E. (portions of Carmel Avenue N.E. vacated by V-97-46) and being more particularly described as follows:

Beginning at the northwest corner of the parcel herein described, being the point of intersection of the centerline of Wyoming Boulevard N.E. with the centerline of Anaheim Avenue N.E.; thence S 89°39'24" E a distance of 1155.19 feet along the centerline of Anaheim Avenue N.E. to the northeast corner of the parcel herein described, being a point on the Anaheim Avenue N.E. centerline opposite the northeast corner of said Lot 7, Block 18, North Albuquerque Acres; thence S 00°08'52" W a distance of 30.00 feet to a point on the south right-of-way line of Anaheim Avenue N.E., said point being the northwest corner of said Tract B-1, Nor Este Manor; thence S 89°39'10" E a distance of 100.87 feet along said south right-of-way line of Anaheim Avenue N.E.; thence along the arc of a curve to the left with DELTA = 11°41'01", R = 830.00 feet and L = 169.25 feet (Chord Bearing = N 84°30'20" E, Chord Length = 168.96 feet) along said right-of-way line to the northeast corner of said Tract B-1, Nor Este Manor, also being the northwest corner of Lot 28, Block F, Nor Este Manor, as shown on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 12, 1993, Book 93C, Page 131; thence S 00°08'53" W a distance of 112.33 feet; thence S 58°41'20" E a distance of 27.02 feet; thence S 89°51'07" E a distance of 73.31 feet to a point on the west right-of-way line of Sandover Court N.E., being common with the southeast corner of Lot 27, Block F, Nor Este Manor; thence along the arc of a curve to the left with DELTA = 102°50'28", R = 45.00 feet and L = 80.77 feet (Chord Bearing = S 38°25'53" E, Chord Length = 70.36 feet) along said right-of-way line; thence S 00°08'53" W a distance of 70.49 feet to the southeast corner of said Tract B-1, Nor Este Manor, also being the southwest corner of Lot 26, Block F, Nor Este Manor; thence S 89°39'10" E a distance of 249.74 feet to the northeast corner of said Lot 22, Block 18, North Albuquerque Acres; thence S 00°10'03" W a distance of 140.05 feet to the northwest corner of said Lot 9, Block F, Nor Este Manor; thence N 64°54'56" E a distance of 342.32 feet to the northernmost corner of said Lot 9, Block F, Nor Este Manor, also being a point on the west right-of-way line of Manuel Gila Court N.E.; thence along the arc of a curve to the left with DELTA = 27°22'18", R = 30.00 feet and L = 47.77 feet (Chord Bearing = S 38°46'59" E, Chord Length = 47.32 feet) along said right-of-way line; thence S 37°29'42" W a distance of 256.44 feet to the southeast corner of said Lot 9, Block F, Nor Este Manor, also being a point on the north right-of-way line of Carmel Avenue N.E. (vacated by V-97-46); thence S 89°39'10" E a distance of 571.10 feet along said former Carmel Avenue right-of-way line, thence along the arc of a curve to the left with DELTA = 90°11'34", R = 30.00 feet and L = 47.22 feet (Chord Bearing = N 45°15'03" E, Chord Length = 42.50 feet) to a point on the west right-of-way line of Barstow Street N.E.; thence S 00°09'16" W a distance of 60.10 feet along said right-of-way line to the point of intersection of the west right-of-way line of Barstow Street N.E. with the centerline of Carmel Avenue N.E.; thence S 89°39'10" E a distance of 40.00 feet to the point of intersection of the centerline of Carmel Avenue N.E. with the centerline of Barstow Street N.E.; thence S 00°09'16" W a distance of 527.60 feet along said centerline to the point of intersection with the centerline of Holly Avenue N.E.; thence N 89°39'10" W a distance of 2308.87 feet along said centerline to the southwest corner of the parcel herein described, being a point on the Holly Avenue N.E. centerline opposite the southwest corner of said Lot 30, Block 19, North Albuquerque Acres; thence N 00°07'55" E a distance of 264.00 feet to the northwest corner of said Lot 30, Block 19, North Albuquerque Acres; thence N 89°39'10" W a distance of 330.00 feet to a point on the centerline of Wyoming Boulevard N.E. opposite the southwest corner of said Lot 1, Block 19, North Albuquerque Acres; thence N 00°07'55" E a distance of 791.79 feet along said centerline to the point of beginning and containing 51.3167 acres more or less.

APPROVALS:

DRB CASE NO. 96-546

PLANNING DIRECTOR, CITY OF ALBUQUERQUE, NEW MEXICO

DATE

Roger A. Shuman
UTILITY DEVELOPMENT, CITY OF ALBUQUERQUE, NEW MEXICO

8-5-97
DATE

CITY ENGINEER, CITY OF ALBUQUERQUE, NEW MEXICO

DATE

A.M.A.F.C.A.

TRANSPORTATION DEVELOPMENT, CITY OF ALBUQUERQUE, NEW MEXICO

DATE

PARKS DESIGN & DEVELOPMENT, C.I.P., CITY OF ALBUQUERQUE, NEW MEXICO

DATE

CITY SURVEYOR, CITY OF ALBUQUERQUE, NEW MEXICO

DATE

REAL PROPERTY, CITY OF ALBUQUERQUE, NEW MEXICO

DATE

P.N.M. ELECTRIC SERVICES

DATE

U.S. WEST COMMUNICATIONS

DATE

P.N.M. GAS SERVICES

DATE

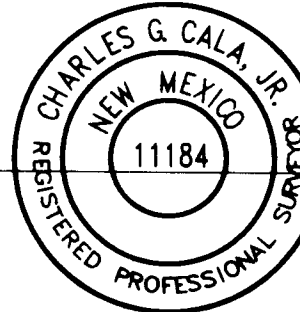
JONES INTERCABLE

DATE

SURVEYORS CERTIFICATION

I, Charles G. Cala, Jr., a registered Professional Surveyor under the laws of the State of New Mexico do hereby certify that I conducted and am responsible for this plat, shows all easements made known to me by this owner, utility companies, or other parties expressing an interest; meets the minimum requirement for Monumentation and surveys of the Albuquerque Subdivision Ordinance; complies with the minimum standards for surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief.

Charles G. Cala, Jr., N.M.P.S. 11184

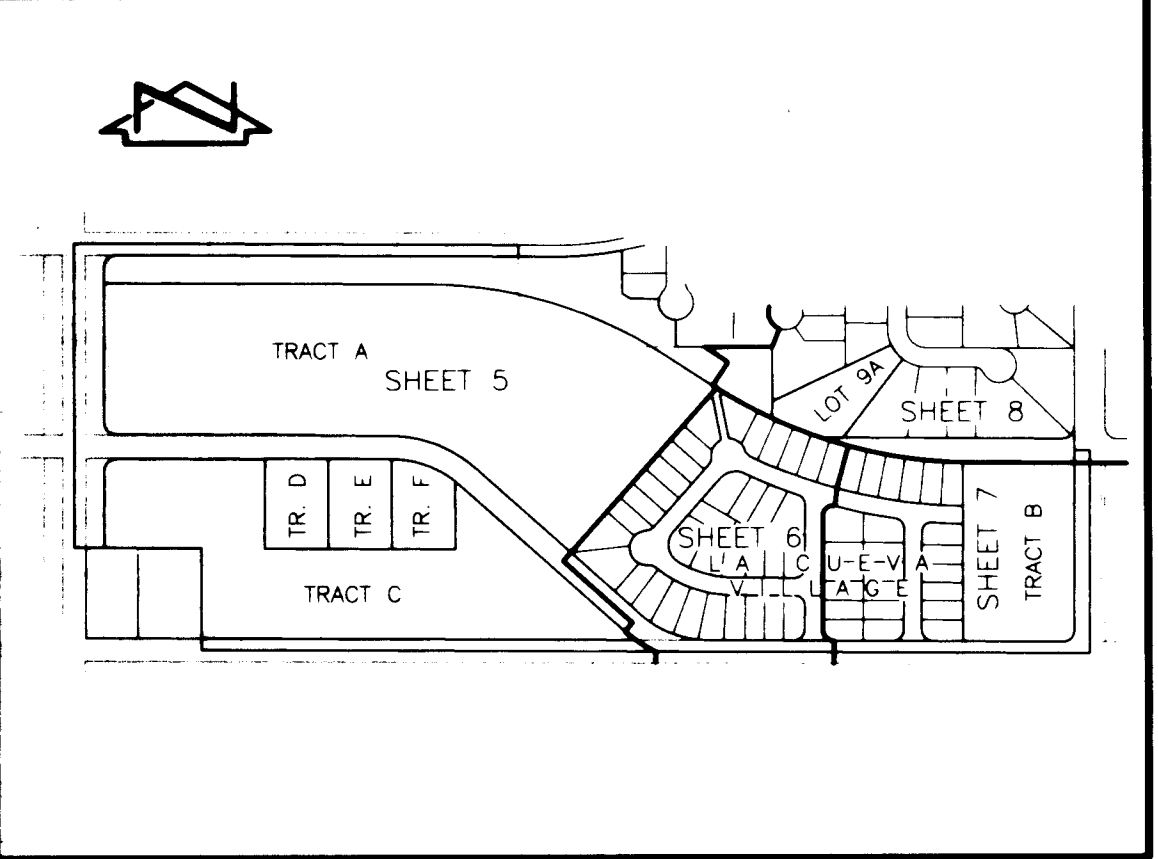


July 29th 1997
Date



JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. NE
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (SOS) 74 1:50
JOB #940955

SHEET 1 OF 8



INDEX MAP

SCALE: 1" = 500'

NOTICE OF SUBDIVISION CONDITIONS - TRACT C, LA CUEVA VILLAGE

A variance or waiver from certain subdivision requirements has been granted by the City and the Albuquerque Metropolitan Arroyo Flood Control Authority in connection with this plat.

Future subdivision of lands within this plat, zoning Site Development Plan approvals, and development permits may be conditioned upon dedication of rights-of-way and easements, and/or upon infrastructure improvements by the owner for water, sanitary sewer, streets, drainage, grading and parks in accordance with current resolutions, ordinances and policies in effect at the time for any specific proposal.

The City (and AMAFCA with reference to drainage) may require and/or permit easements to be added, modified or removed when future plats or Site Development Plans are approved.

By its approval the City makes no representation or warranties as to availability of utilities, or final approval of all requirements including (but not limited to) the following items: water and sanitary sewer availability; future street dedications and/or improvements; park and open space requirements; drainage requirements and/or improvements; and excavation, filling or grading requirements. Any person intending development of lands within this subdivision is cautioned to investigate the status of these items.

SUBDIVISION PLAT OF
LA CUEVA VILLAGE, UNIT 1

ALBUQUERQUE, NEW MEXICO

JULY, 1997

NOTES:

- A boundary survey was performed in August and November, 1996 to determine the perimeter of the property to be platted. Unless otherwise indicated, perimeter property corners were monumented with #5 rebar and cap stamped "New Mexico PS 11184".
- All distances are ground distances.
- Record bearings and distances are shown in parenthesis.
- Site located within projected Section 18, Township 11 North, Range 4 East, N.M.P.M. (Elena Gallegos Grant).
- Bearings shown hereon are New Mexico State Plane Grid Bearings, Central Zone.
- Street mileage created by this plat = 0.75 miles (full-width) and 0.91 miles (half-width).
- Upon completion of the construction of the streets, City of Albuquerque approved centerline monuments shall be placed at all intersections or as otherwise indicated in lieu of subdivision block corner monumentation. Location of said monuments are designated with a "C" symbol.

- Portions of the subject property lie within a designated Flood Hazard Zone as shown on FEMA 141-1825 of the National Flood Insurance Program. If Flood Insurance Rate Map" dated September 20, 1996. Until such time that a LOMR is approved by FEMA, Flood Insurance may be required.
- In the event Grantor constructs any improvements within the easement on Lot 39, Unit 1, the City has the right to enter upon Grantors property at any time and perform whatever inspection, installation, maintenance, repair, modification or removal ("Work") it deems appropriate without liability to the City. If the work effects any improvements of Encroachments made by the Grantor, the City will not be financially or otherwise responsible for rebuilding or repairing of improvements or Encroachments. If in the opinion of the City, the Work to be performed by the City could endanger the structural integrity or otherwise damage the improvements of Encroachments, the Grantor shall, at its own expense, take whatever protective measures are required to safeguard the improvements or Encroachments.
- The purpose of this plat is to:
 - Incorporate the portion of the public right-of-way within former Carmel Avenue N.E. vacated by V-97-46.
 - Dedicate public drainage right-of-way for construction of the AMAFCA channel within the alignment as shown.
 - Dedicate public right-of-way for realignment of Carmel Avenue N.E. as shown.
 - Grant the necessary easements as shown.
 - Incorporate the portion of the former Flood Plain Easement granted within former Tract B-1, Nor Este Manor and within former Lot 9, Block F, Nor Este Manor, vacated by V-97-46.
 - Create 59 residential lots within Unit 1, La Cueva Village.
 - Create Tracts A through F, La Cueva Village.
 - Create Tract B-1-A, La Cueva Village from remainder Tract B-1, Nor Este Manor.
 - Create Lot 9A, La Cueva Village from remainder Lot 9, Block F, Nor Este Manor.
- Public Street Right-of-way vacated = 2.2717 acres.
 - Public Street Right-of-way dedicated = 8.9129 acres.
 - Public Drainage Right-of-way dedicated = 3.6432 acres.
- Dedication to the ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY, Grantee, its successors and assigns, of lands, rights of way, and easements designated herein as "Flood Plain Easement" or "Drainage Easement" is with the full and free consent of the undersigned owner, Grantor. This dedication is for drainage, flood control, conveyance of storm water, and the construction, operation, and maintenance of, and access to such facilities, and for subordinate recreational use and access on such facilities. Except by the written approval of Grantee, no fence, wall, building, or other obstruction may be placed or maintained in said easements, and there shall be no alteration of the grades or contours in said easement. The granting of easements shall not obligate the Grantee to maintain natural arroyos, drainage channels, or facilities that do not meet the standards of the Grantee for design and construction, nor shall this granting require the protection of property lying outside of the easement granted. Grantee shall only maintain property and/or improvements that it specifically agrees, by written agreement filed for public record, to maintain. Unless Grantee specifically agrees, by such written agreement, to maintain property and/or improvements, such maintenance responsibility shall remain with the Grantor, its successors or assigns. Landscaping or maintenance work, by the Grantor, within the easement hereby conveyed shall not alter the present flowline, capacity, or permeability of the present flood way area, except in an emergency. If emergency work is performed, Grantor shall notify the Grantee as soon as practical thereafter. Grantee will then determine if the emergency work can remain or must be removed or modified. Safe locations for structures built on lands adjacent to the real property described herein may be substantially outside of the area described herein. Any portion of any lands, right of way or easements granted herein shall revert to the Grantor, its successors or assigns, as and to the extent said portion is declared unnecessary for flood control or drainage by the Board of Directors of the Albuquerque Metropolitan Arroyo Flood Control Authority. Any reversion shall be conveyed by quitclaim deed. Vacation approval consistent with the City of Albuquerque or Bernalillo County Subdivision Ordinances will also be required.

COUNTY CLERK FILING DATA

- Prior to issuance of Building Permit for Tract A, the developer will be required to provide an approved Park Dedication and Development Certificate to the City of Albuquerque Zoning Enforcement Division.



JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. NE
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (SOS) 74-1:50
JOB #940955

SHEET 2 OF 8

SUBDMISION PLAT OF
LA CUEVA VILLAGE, UNIT 1
ALBUQUERQUE, NEW MEXICO
JULY, 1997

COUNTY CLERK FILING DATA

Public Utility easements shown on this plat are ten (10) feet wide and are granted for the common and joint use of:

1. The P.N.M. Electric Services for the installation, maintenance, and service of overhead and underground electrical lines, transformers, poles and other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
2. The P.N.M. Gas Services for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
3. U.S. West for the installation, maintenance, and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services including, but not limited to, above ground pedestals and closures.
4. Jones Intercable for the installation, maintenance, and service of such lines, cables, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said easements, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (aboveground or subsurface), hot tub, concrete or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of the National Electric Safety Code caused by construction or pools, decking, or any structures adjacent to within or near easements shown on this plat.

JONES INTERCABLE EASEMENT RELEASE APPROVAL

Jones Intercable does hereby release, waive, quitclaim and discharge its right, title and interest in the easements (granted by prior plat, replat or document) shown to be vacated on this plat.

JONES INTERCABLE

By Karen Shaw

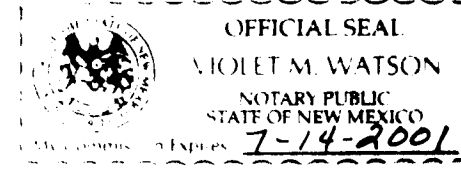
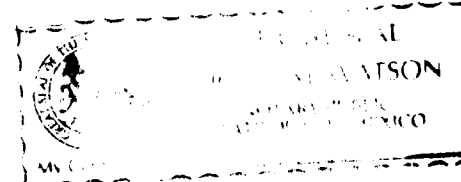
STATE OF NEW MEXICO)

COUNTY OF BERNALILLO)

This instrument was acknowledged before me on this 31st day of July, 1997, by Karen Shaw as PO Supvisor of Jones Intercable, a BDO-12 Venture corporation.

Notary Public

My commission expires 7-14-2001



U.S. WEST COMMUNICATIONS QUITCLAIM

KNOW ALL MEN BY THESE PRESENTS: That U.S. WEST COMMUNICATIONS, INC., a Colorado Corporation, hereinafter called "Company" for and in consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt whereof is hereby confessed and acknowledged, does hereby release, remise and quitclaim all the right, title and interest in the easements shown to be vacated on this plat and hereby expressly excepting and reserving to the Company, any and all interest otherwise acquired in said property, except as shown to be vacated.

IN WITNESS WHEREOF, the Company has caused these presents to be executed by its duly authorized officer this 6th day of AUGUST, 1997.

U.S. WEST COMMUNICATIONS, INC.

By: William A. Dancy
Manager - Network and Technology Services

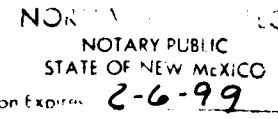
STATE OF NEW MEXICO)

COUNTY OF BERNALILLO)

This instrument was acknowledged before me on this 6th day of AUGUST, 1997, by D. BONNEY as Manager/Network and Technology Services of U.S. West Communications, Inc., a Colorado Corporation.

Norma S. Carrillo
Notary Public

My commission expires 2-6-99



PNM ELECTRIC & GAS SERVICES EASEMENT RELEASE APPROVAL (SEE NOTE 11, SHEET 4 OF 8)

PNM Electric Services and/or PNM Gas Services, hereby release, waive, quitclaim and discharge its right, title, and interest in the easements (granted by prior plat, replat or document) shown to be vacated on this plat.

PNM ELECTRIC SERVICES

By: RE ROBERTS

PNM GAS SERVICES

By: N/A

STATE OF NEW MEXICO)

COUNTY OF BERNALILLO)

This instrument was acknowledged before me on 7th day of AUGUST, 1997, by RE ROBERTS, a manager of the PNM Electric Services and/or PNM Gas Services, both being New Mexico corporations, on behalf of said Corporations.

Notary Public

My Commission Expires: 8-9-97



JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. NE
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505) 940-9555
JOB #940955

SHEET 3 OF 8

SUBDIVISION PLAT OF
LA CUEVA VILLAGE, UNIT 1
ALBUQUERQUE, NEW MEXICO
JULY, 1997

COUNTY CLERK FILING DATA

BOUNDARY TABLES

LINE	BEARING	DISTANCE
L1	S 07°08'52" W	30.00'
L2	S 89°39'10" E	100.61'
L3	S 07°08'53" W	112.33'
(L3)	(S 07°09'16" W)	(112.33')
L4	S 58°41'20" E	27.02'
L5	S 89°51'07" E	73.31'
(L5)	(S 89°50'44" E)	(73.20')
L6	S 07°08'53" W	70.49'
(L6)	(S 07°09'16" W)	(70.51')
L7	S 07°09'16" W	60.10'
L8	S 89°39'10" E	40.00'
L9	N 07°08'52" E	98.68'
L10	N 89°39'10" W	62.36'
L11	S 07°09'16" W	33.00'

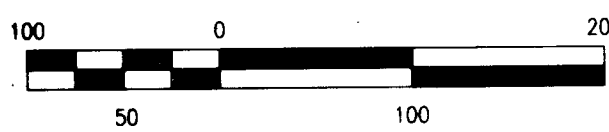
LINE	BEARING	DISTANCE
L12	N 00°07'55" E	42.89'
L13	S 58°54'53" E	142.42'
L14	S 89°39'10" E	310.56'
L15	N 11°34'29" W	162.18'
L16	N 41°42'24" E	15.34'
L17	S 41°42'24" W	1.08'
L18	N 41°42'24" E	12.26'
L19	S 41°42'24" W	17.64'
L20	N 41°42'24" E	18.90'
L21	NOT USED	
L22	N 00°10'03" E	45.02'
L23	N 89°39'10" W	59.17'
L24	S 48°17'36" E	36.20'
L25	N 00°07'55" E	2.00'
L26	N 85°50'19" W	30.07'

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	830.00'	169.25'	166.96'	N 84°30'20" E	111°40'11"
C2	45.00'	80.77'	70.36'	S 38°25'53" E	102°50'27"
(C2)	(45.00')	(80.73')	(70.33')	(S 38°27'11" E)	(102°47'07")
C3	30.00'	47.22'	42.50'	N 45°15'03" E	90°11'34"
C4	330.00'	60.34'	60.26'	N 59°47'40" W	41°21'34"
C5	1162.00'	664.03'	655.03'	S 73°17'09" E	89°47'04"
C6	1238.00'	11.43'	11.43'	S 57°10'45" E	00°31'44"
C7	330.00'	238.21'	233.07'	N 68°58'23" W	41°21'34"
C8	30.00'	47.01'	42.35'	N 44°53'38" W	89°47'04"
C9	1165.00'	193.72'	193.49'	N 70°14'50" E	06°31'36"
C10	1238.00'	134.21'	134.15'	N 68°11'23" W	06°12'41"
C11	30.00'	47.22'	42.50'	S 45°15'03" W	90°11'34"
C12	270.00'	194.90'	190.70'	N 68°58'23" W	41°21'34"
C13	30.00'	47.24'	42.51'	N 45°14'52" E	90°12'55"
C14	270.00'	194.90'	190.70'	S 68°58'23" E	41°21'34"
C15	330.00'	36.07'	36.05'	S 51°25'29" E	06°15'45"
C16	300.00'	216.56'	211.89'	S 68°58'23" E	41°21'34"
C17	300.00'	216.56'	211.89'	S 68°58'23" E	41°21'34"
C18	30.00'	47.23'	42.50'	N 45°14'15" E	90°12'41"
C19	1200.00'	685.75'	676.45'	S 73°17'09" E	32°44'31"
C20	1200.00'	685.66'	676.37'	S 73°17'02" E	32°44'17"
C21	100.00'	47.77'	47.52'	S 38°48'59" E	27°22'12"
(C21)	(100.00')	(47.84')	(47.59')	(S 38°47'59" E)	(27°24'38")
C22	1375.00'	129.89'	129.84'	S 86°09'40" E	05°24'45"
C23	1375.00'	263.24'	262.83'	S 77°58'13" E	10°58'08"
C24	1375.00'	184.55'	184.41'	S 68°58'23" E	07°19'33"
C25	75.00'	90.21'	89.75'	N 78°20'07" E	73°29'52"
C26	75.00'	130.81'	114.85'	N 08°15'32" W	99°55'52"
C27	300.00'	164.56'	162.50'	N 73°56'19" W	31°25'42"
C28	NOT USED				
C29	NOT USED				
C30	NOT USED				
C31	NOT USED				
C32	NOT USED				
C33	NOT USED				
C34	NOT USED				
C35	NOT USED				
C36	NOT USED				
C37	NOT USED				
C38	1238.00'	19.31'	19.31'	S 89°12'22" E	00°53'36"
C39	1352.00'	57.11'	57.10'	N 87°36'27" W	02°25'12"
C40	1238.00'	50.31'	50.31'	S 87°35'41" E	02°19'42"
C41	1352.00'	54.88'	54.88'	N 85°18'04" W	07°19'33"
C42	1238.00'	50.26'	50.25'	S 85°16'04" E	02°19'33"
C43	1352.00'	54.88'	54.88'	N 82°56'31" W	02°19'33"
C44	1238.00'	50.26'	50.25'	S 82°56'30" E	02°19'33"
C45	1352.00'	54.88'	54.88'	N 80°36'36" W	02°19'33"
C46	1238.00'	50.26'	50.25'	S 80°36'36" E	02°19'33"
C47	1352.00'	54.88'	54.88'	N 78°17'24" W	02°19'33"
C48	1238.00'	50.26'	50.25'	S 78°17'24" E	02°19'33"
C49	1352.00'	54.88'	54.88'	N 75°57'51" W	02°19'33"
C50	1238.00'	50.26'	50.25'	S 75°57'51" E	02°19'33"
C51	1352.00'	54.88'	54.88'	N 73°38'18" W	02°19'33"
C52	1238.00'	50.26'	50.25'	S 73°38'18" E	02°19'33"
C53	1352.00'	54.88'	54.88'	N 71°18'45" W	02°19'33"
C54	1238.00'	50.26'	50.25'	S 71°18'45" E	02°19'33"
C55	1352.00'	54.88'	54.88'	N 68°59'12" W	02°19'33"
C56	1238.00'	50.26'	50.25'	S 68°59'12" E	02°19'33"
C57	1352.00'	54.88'	54.88'	N 66°39'39" W	02°19'33"
C58	1238.00'	50.26'	50.25'	S 66°39'39" E	02°19'33"
C59	1352.00'	20.32'	20.32'	N 65°04'02" W	00°51'40"

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C60	25.00'	20.86'	20.26'	N 40°44'15" W	47°47'55"
C61	45.00'	19.26'	19.12'	N 29°06'05" W	24°31'35"
C62	1238.00'	50.26'	50.25'	S 64°20'05" E	02°19'33"
C63	45.00'	37.20'	36.15'	N 65°02'59" W	47°22'15"
C64	1238.00'	103.48'	103.45'	S 60°46'36" E	04°47'21"
C65	45.00'	37.92'	36.81'	S 41°26'45" W	48°16'47"
C66	45.00'	17.52'	17.41'	S 06°09'08" W	22°18'27"
C67	25.00'	20.38'	19.82'	S 18°11'09" W	46°42'30"
C68	25.00'	20.38'	19.82'	S 65°03'38" W	46°42'29"
C69	45.00'	34.65'	33.80'	S 66°21'24" W	44°06'58"
C70	45.00'	29.57'	29.04'	S 25°28'30" W	37°38'52"
C71	45.00'	54.93'	51.58'	S 28°19'01" E	69°56'09"
C72	45.00'	25.20'	24.87'	S 78°19'34" E	32°04'56"
C73	25.00'	19.46'	18.97'	S 73°04'14" E	44°35'36"
C74	323.00'	8.99'	8.99'	S 51°34'17" E	01°35'44"
C75	323.00'	47.82'	47.78'	S 56°36'38" E	06°28'59"
C76	323.00'	18.90'	18.89'	S 87°58'17" E	03°21'07"
C77	25.00'	36.27'	35.36'	S 44°39'10" E	90°00'00"
C78	30.00'	47.12'	42.43'	S 45°20'50" W	90°00'00"
C79	25.00'	39.27'	35.36'	S 45°20'50" W	90°00'00"
C80	277.00'	32.35'	32.33'	N 66°18'26" W	06°41'26"
C81	277.00'	85.64'	85.30'	N 74°06'15" W	17°42'54"
C82	277.00'	33.95'	33.93'	N 61°44'08" W	07°01'20"
C83	52.00'	90.69'	79.63'	N 08°15'32" W	99°55'52"
C84	52.00'	66.70'	62.22'	N 78°27'20" E	73°29'52"
C85	1398.00'	21.29'	21.29'	S 65°13'55" E	00°52'21"
C86	1398.00'	50.60'	50.60'	S 66°42'18" E	02°04'26"
C87	1398.00'	50.95'	50.95'	S 68°47'10" E	02°05'18"
C88	1398.00'	29.87'	29.87'	S 70°28'32" E	01°13'27"
C89	25.00'	31.15'	29.18'	S 35°21'13" E	71°24'06"
C90	25.00'	45.62'	39.55'	N 52°37'46" E	104°33'52"
C91	1398.00'	76.38'	76.37'	S 76°39'11" E	03°07'49"
C92	30.00'	47.12'	42.43'	N 44°39'10" W	90°00'00"
C93	30.00'	47.12'	42.43'	S 45°20'50" W	90°00'00"
C94	1398.00'	85.37'	85.36'	S 79°58'05" E	02°29'56"
C95	25.00'	35.81'	32.82'	S 40°41'07" E	82°03'53"
C96	25.00'	41.04'	36.58'	S 87°14'36" E	94°02'33"
C97	1398.00'	80.00'	79.99'	S 87°14'36" E	03°16'43"
C98	30.00'	47.12'	42.43'	N 44°39'10" W	90°00'00"
C99	NOT USED				
C100	270.00'	33.47'	33.45'	N 51°50'43" W	07°06'12"
C101	323.00'	47.82'	47.78'	S 63°36'06" E	06°28'59"
C102	270.00'	66.83'	66.66'	N 62°29'16" W	14°10'55"
C103	323.00'	47.82'	47.78'	S 73°34'36" E	08°28'59"
C104	270.00'	66.82'	66.65'	N 76°40'05" W	14°10'44"
C105	323.00'	47.82'	47.78'	S 82°03'34" E	06°28'59"
C106	270.00'	27.76'	27.77'	N 86°42'19" E	05°53'43"
C107	NOT USED				
C108	NOT USED				
C109	1238.00'	20.29'	20.29'	N 57°54'47" W	00°56'20"
C110	1375.00'	59.68'	55.68'	S 63°36'06" E	02°19'33"
C111	270.00'	1.05'	1.05'	S 89°32'28" E	00°13'24"
C112	270.00'	178.07'	174.86'	S 70°32'09" E	37°47'15"
C113	270.00'	15.78'	15.78'	S 49°58'04" E	03°20'45"
C114	300.00'	52.00'	51.93'	S 53°15'32" E	09°55'52"
C115	1162.00'	374.51'	372.89'	N 68°21'19" W	18°27'58"
C116	1162.00'	244.78'	244.30'	N 83°37'21" W	12°04'06"
C117	1238.00'	176.52'	176.37'	N 60°59'36" W	08°10'09"
C118	1162.00'	44.77'	44.76'	N 58°01'06" W	02°12'06"
C119	1238.00'	110.16'	110.13'	N 73°50'42" W	05°05'35"
C120	1238.00'	286.48'	285.84'	N 83°01'24" W	13°15'31"



SCALE: 1" = 100'



SUBDIVISION PLAT OF LA CUEVA VILLAGE, UNIT 1

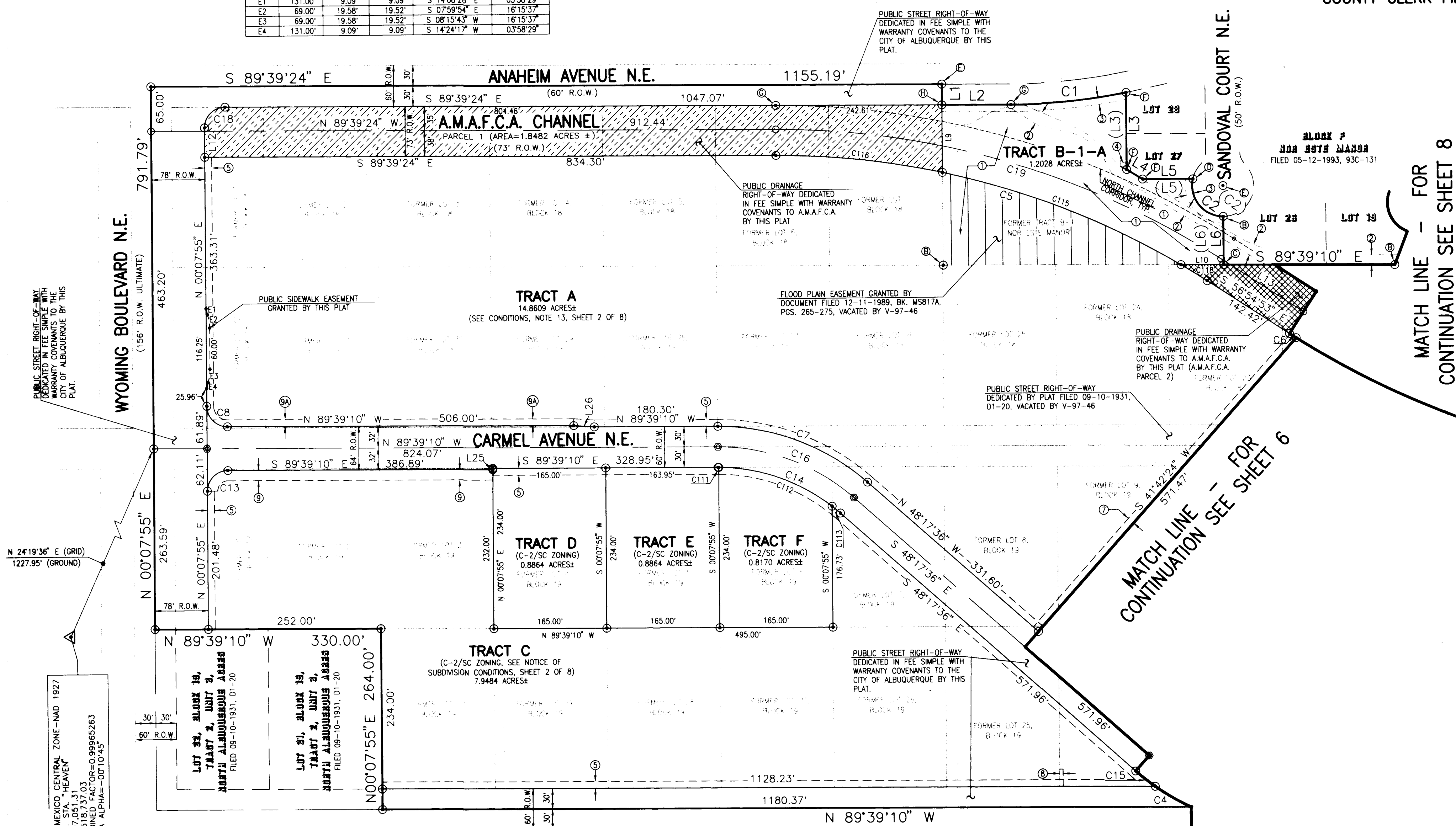
ALBUQUERQUE, NEW MEXICO

JULY, 1997

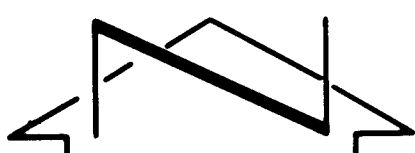
EASEMENT TABLE

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
E1	131.00'	9.09'	9.09'	S 14°08'28" E	0°58'29"
E2	69.00'	19.58'	19.52'	S 07°59'54" E	16°15'37"
E3	69.00'	19.58'	19.52'	S 08°15'43" W	16°15'37"
E4	131.00'	9.09'	9.09'	S 14°24'17" W	0°58'29"

COUNTY CLERK FILING DATA



JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505) 345-4250
JOB #940955



SCALE: 1" = 50'



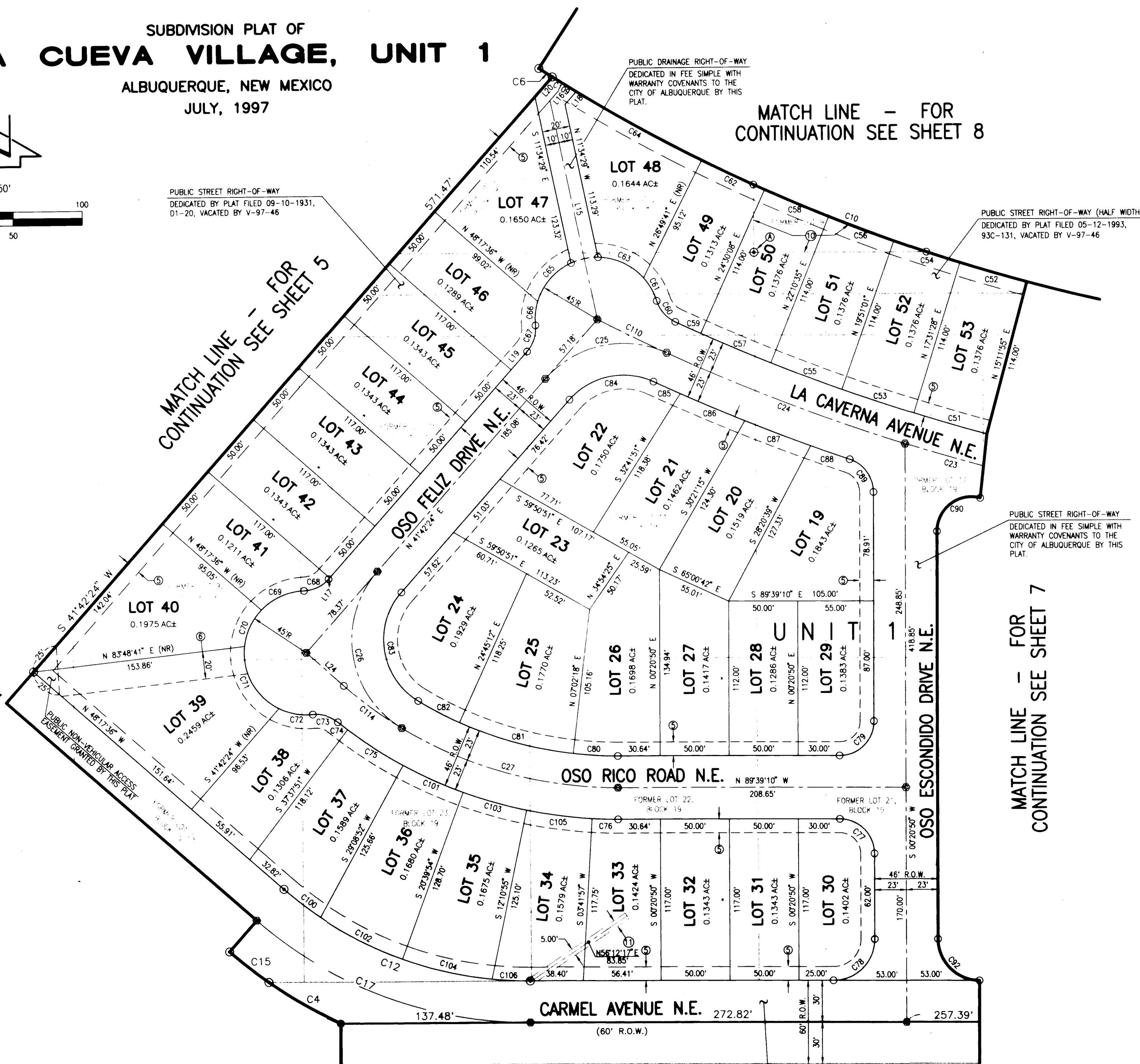
SUBDIVISION PLAT OF LA CUEVA VILLAGE, UNIT 1

ALBUQUERQUE, NEW MEXICO

JULY, 1997

MATCH LINE - FOR
CONTINUATION SEE SHEET 8

COUNTY CLERK FILING DATA



JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (505) 345-4250
JOB #940955

970625

RECORD DRAWING

NOT PART OF CITY WORK ORDER

PROJECT NUMBER 172002 SHEET 5A OF 5

SUBDIVISION PLAT OF LA CUEVA VILLAGE, UNIT 1

ALBUQUERQUE, NEW MEXICO

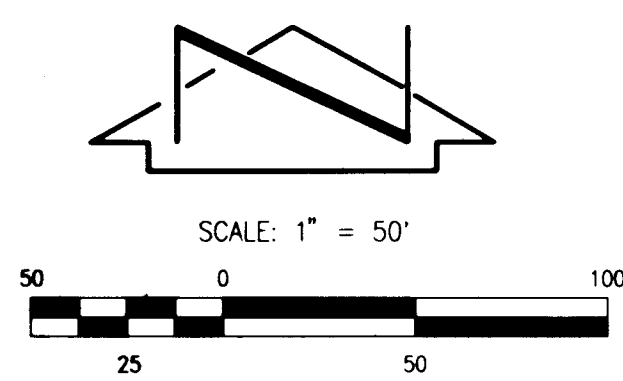
JULY, 1997

MATCH LINE - FOR
CONTINUATION SEE SHEET 8

EASEMENT TABLES

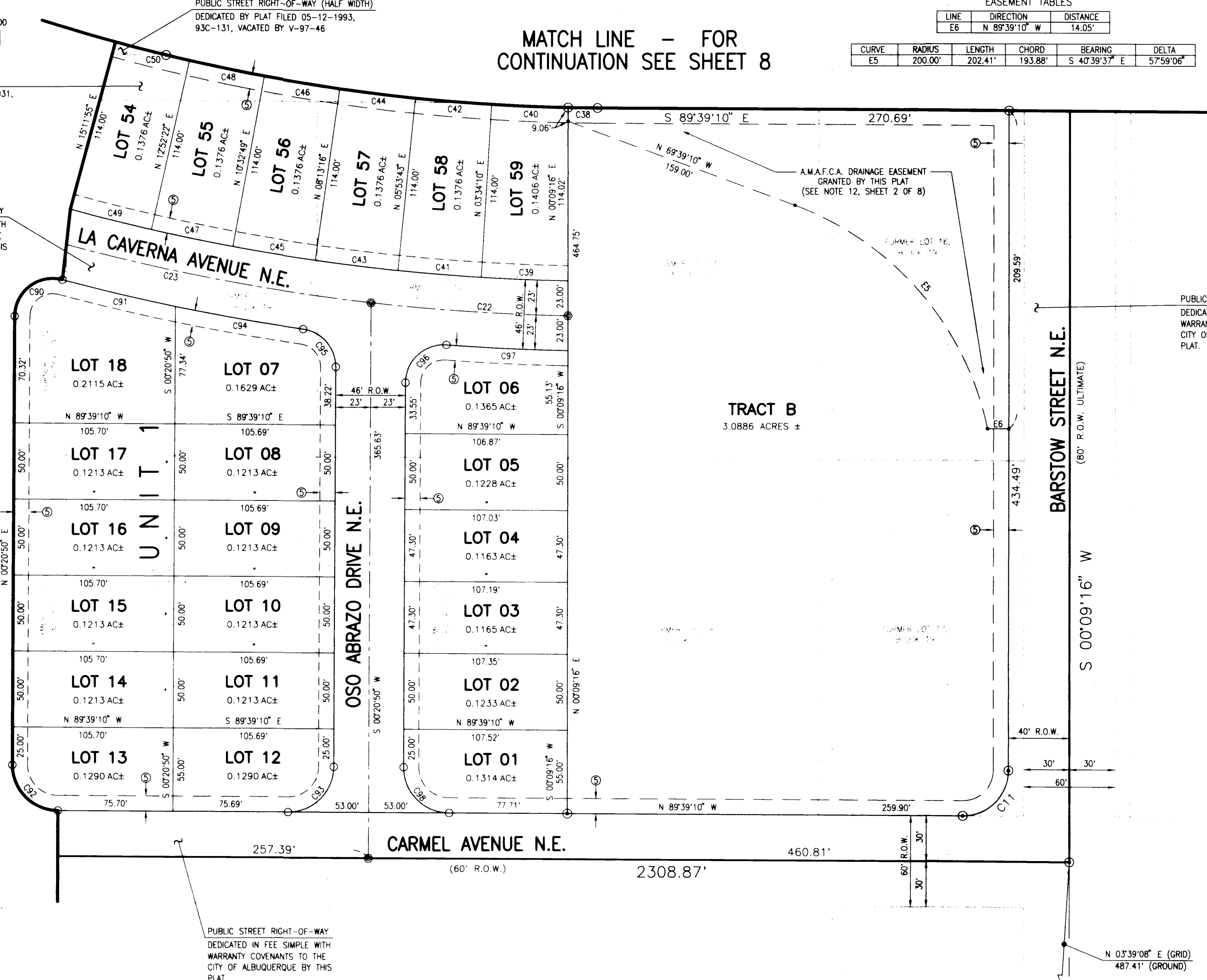
CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
E6	N 89°39'10" W	14.05'			
E5	200.00'	202.41'	193.88'	S 40°39'37" E	57°59'06"

COUNTY CLERK FILING DATA



PUBLIC STREET RIGHT-OF-WAY
DEDICATED BY PLAT FILED 09-10-1931,
D1-20, VACATED BY V-97-46

PUBLIC STREET RIGHT-OF-WAY
DEDICATED IN FEE SIMPLE WITH
WARRANTY COVENANTS TO THE
CITY OF ALBUQUERQUE BY THIS
PLAT.

MATCH LINE - FOR
CONTINUATION SEE SHEET 6

NEW MEXICO CENTRAL ZONE-NAD 1927
A.C.S. STA "6-C19"
X=410,163.71
Y=1,518,825.94
COMBINED FACTOR=0.9996473
DELTA ALPHA=-00°10'23"



JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (SOS) 345-4250
JOB #940955

SHEET 7 OF 8

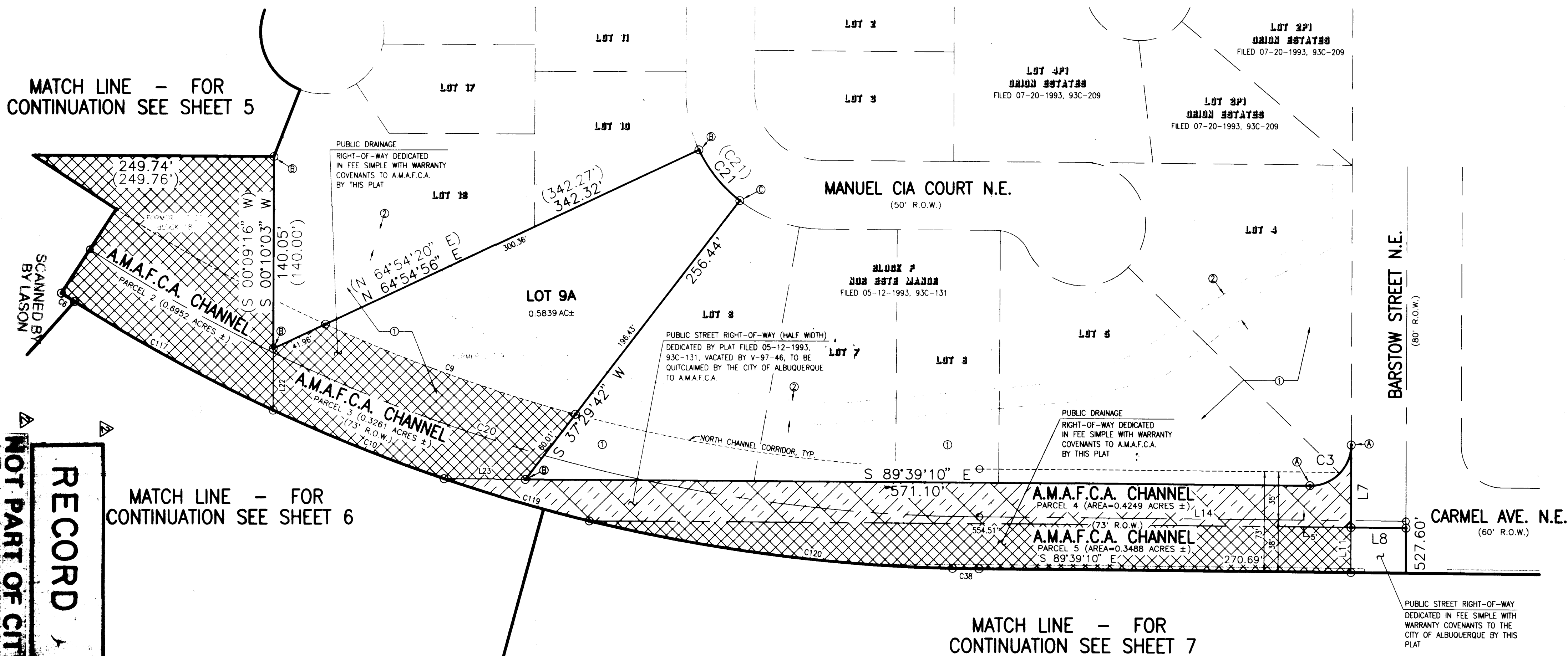
SUBDIVISION PLAT OF LA CUEVA VILLAGE, UNIT 1

ALBUQUERQUE, NEW MEXICO

JULY, 1997

MATCH LINE - FOR
CONTINUATION SEE SHEET 5

COUNTY CLERK FILING DATA

MATCH LINE - FOR
CONTINUATION SEE SHEET 6MATCH LINE - FOR
CONTINUATION SEE SHEET 7

JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS & SURVEYORS (SOS) 345-4250
JOB #940955

SHEET 8 OF 8

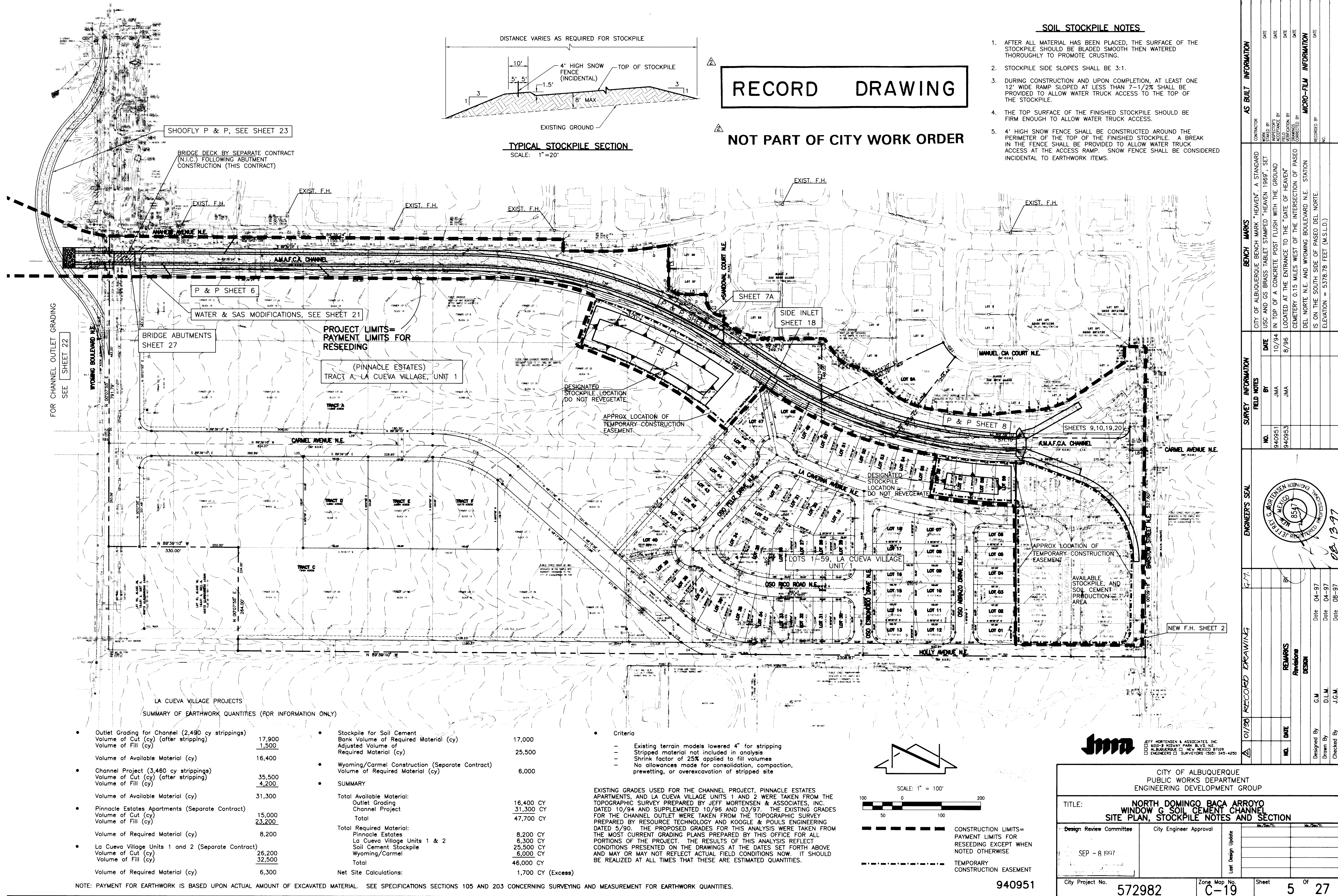
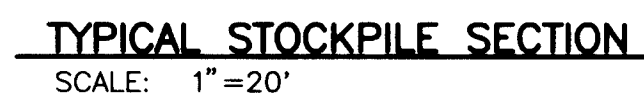
NOT PART OF CITY WORK ORDER
RECORD DRAWING



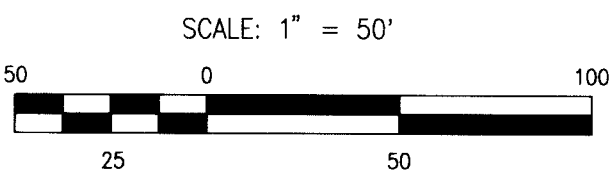
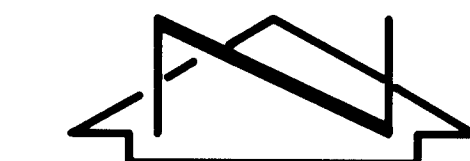
NOT PART OF CITY WORK ORDER

SOIL STOCKPILE NOTES

1. AFTER ALL MATERIAL HAS BEEN PLACED, THE SURFACE OF THE STOCKPILE SHOULD BE BLANK SMOOTH THEN WATERED THOROUGHLY TO PROMOTE CRUSTING.
2. STOCKPILE SIDE SLOPES SHALL BE 3:1.
3. DURING CONSTRUCTION AND UPON COMPLETION, AT LEAST ONE 12' WIDE RAMP SLOPED AT LESS THAN 7-1/2% SHALL BE PROVIDED TO ALLOW WATER TRUCK ACCESS TO THE TOP OF THE STOCKPILE.
4. THE TOP SURFACE OF THE FINISHED STOCKPILE SHOULD BE FIRM ENOUGH TO ALLOW WATER TRUCK ACCESS.
5. 4' HIGH SNOW FENCE SHALL BE CONSTRUCTED AROUND THE PERIMETER OF THE TOP OF THE FINISHED STOCKPILE. A BREAK IN THE FENCE SHALL BE PROVIDED TO ALLOW WATER TRUCK ACCESS AT THE ACCESS RAMP. SNOW FENCE SHALL BE CONSIDERED INCIDENTAL TO EARTHWORK ITEMS.



CURVE DATA			
CURVE	ARC	RADIUS	DELTA
①	685.75'	1200.00'	32°44'31"
②	664.03'	1162.00'	32°44'31"



CHANNEL CONSTRUCTION NOTES

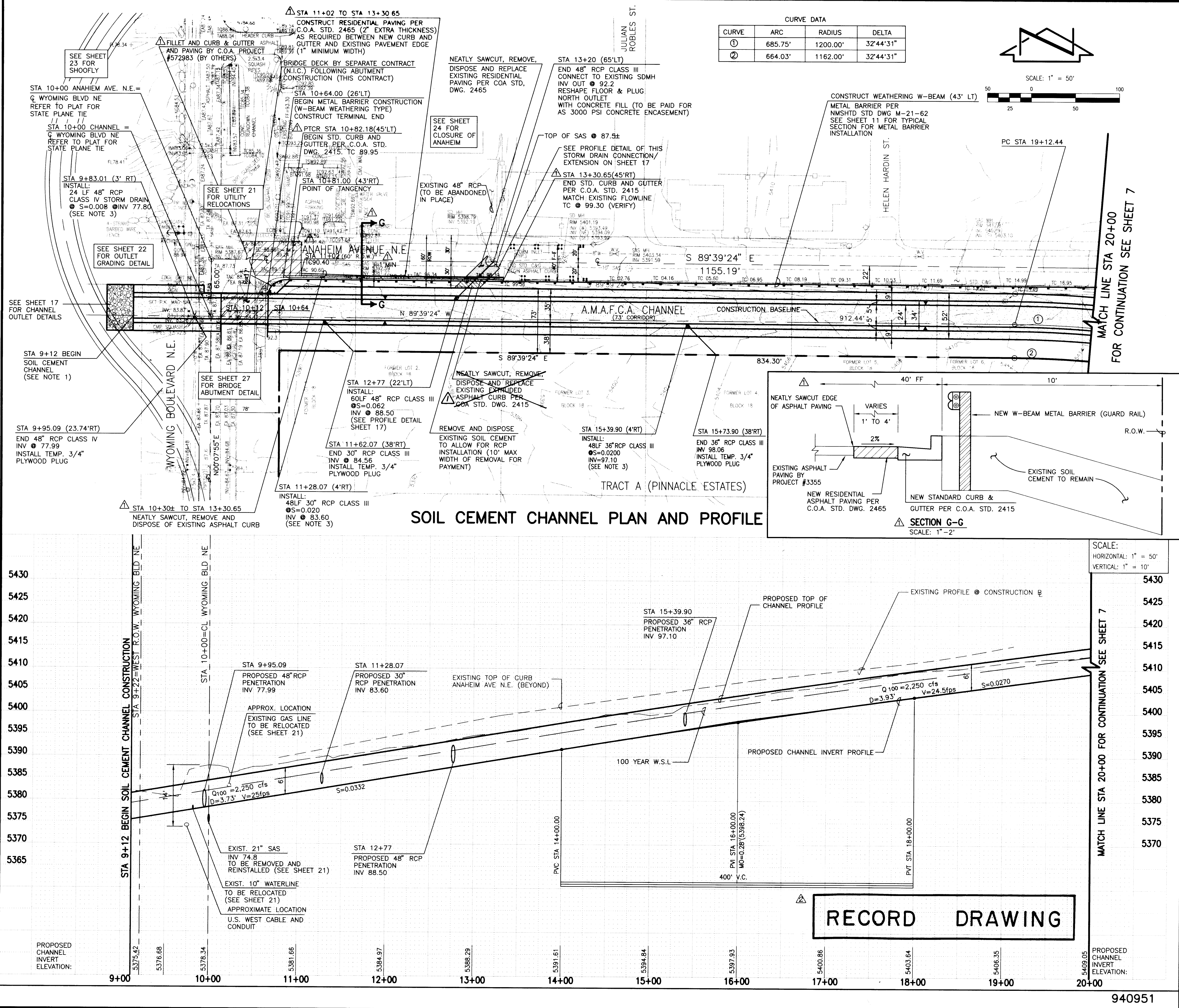
- ALL STATIONING SHOWN HEREON IS BASED UPON CONSTRUCTION BASELINE UNLESS OTHERWISE INDICATED. REFER TO PLAT FOR STATE PLANE TIE.
- CHANNEL CONSTRUCTION SHOWN HEREON IS IN ACCORDANCE WITH TYPICAL CHANNEL SECTIONS. SHEET 11, UNLESS OTHERWISE INDICATED.
- PIPE PENETRATIONS SHALL BE CONSTRUCTED PER PIPE PENETRATION DETAILS, SHEET 17.

AS BUILT INFORMATION			
CONTRACTOR	DATE	BY	DATE
WORK BY	DATE	INSPECTED BY	DATE
ACCEPTANCE BY	DATE	VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE	RECORDED BY	DATE
MICRO-FILM INFORMATION			
CONTRACTOR	DATE	BY	DATE
WORK BY	DATE	INSPECTED BY	DATE
ACCEPTANCE BY	DATE	VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE	RECORDED BY	DATE

BENCH MARKS		SURVEY INFORMATION	
CITY OF ALBUQUERQUE BENCH MARK "HEAVEN", A STANDARD USC AND GS BRASS TABLET STAMPED "HEAVEN 1969". SET IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND LOCATED AT THE ENTRANCE TO THE "GATE OF HEAVEN" CEMETERY 0.15 MILES WEST OF THE INTERSECTION OF PASEO DEL NORTE N.E. AND WYOMING BOULEVARD N.E. STATION IS ON THE SOUTH SIDE OF PASEO DEL NORTE. ELEVATION = 5378.78 FEET (M.S.L.D.)	DATE	NO.	BY
	8/96	940953	JMA

ENGINEER'S SEAL		RECORD DRAWING	
JEFF MORITSEN & ASSOCIATES, INC. 400-B MIDWAY PARK BLVD. N.E. ALBUQUERQUE, N.M. 87109 ENGINEERS & SURVEYORS (505) 345-4250	DATE	NO.	BY
01/98	01/98	940953	JMA
DESIGNED BY	DATE	DRAWN BY	DATE
G.M.	04-97	D.L.M.	04-97
CHECKED BY	DATE	J.G.M.	08-97

REVISIONS		REMARKS	
NO.	DATE	REVISIONS <td>REMARKS</td>	REMARKS
1	01/98	ADD CURB & GUTTER AND PAVING TO SOUTH SIDE OF ANAHEIM BETWEEN JULIAN ROBLES AND WYOMING, ADD SECTION G-G	DESIGN



RECORD DRAWING



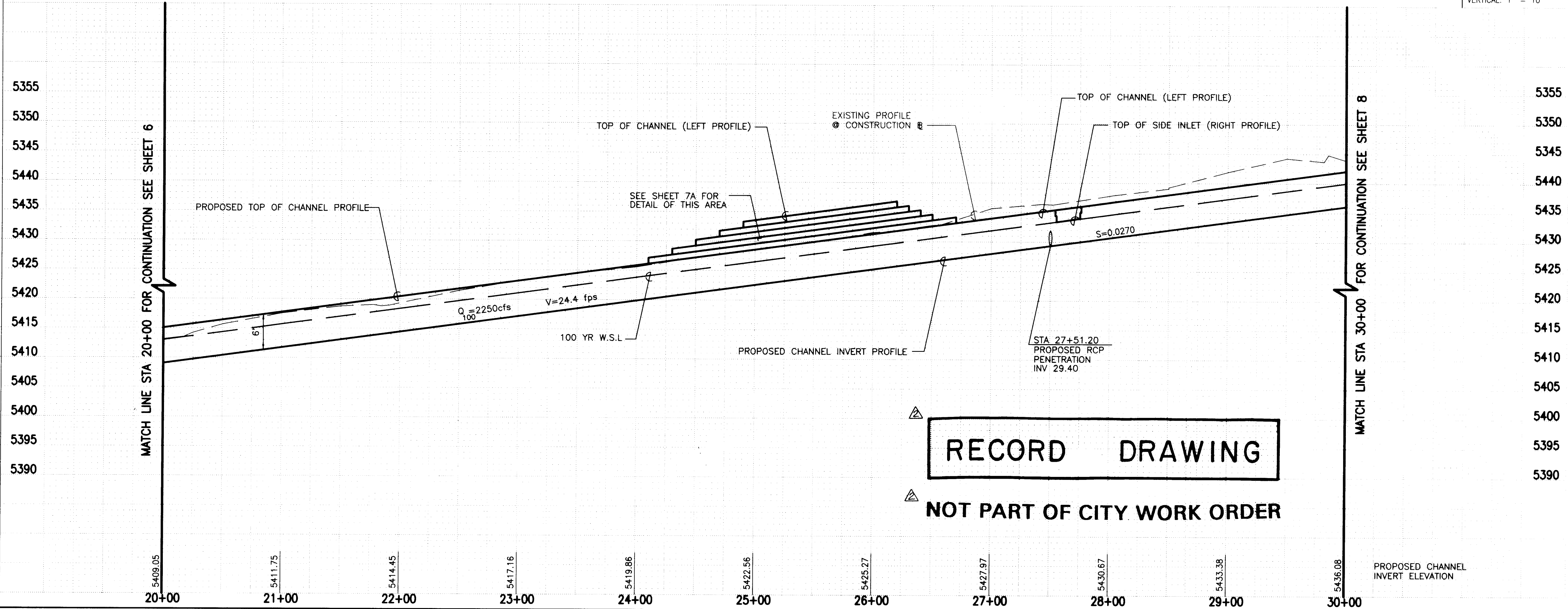
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: NORTH DOMINGO BACA ARROYO WINDOW G SOIL CEMENT CHANNEL
CHANNEL PLAN AND PROFILE STA 9+00 TO STA 20+00

Design Review Committee	City Engineer Approval	Last Design Update	Sheet 6 of 27
City Project No. 940951	572982	Zone Map No. C-19	

CURVE	LEGTH	RADIUS	DELTA
①	685.75'	1200.00'	32°44'31"
②	664.03'	1162.00'	32°44'31"
③	685.66'	1200.00'	32°44'17"
④	11.43'	1238.00'	00°31'44"

SOIL CEMENT CHANNEL PLAN AND PROFILE

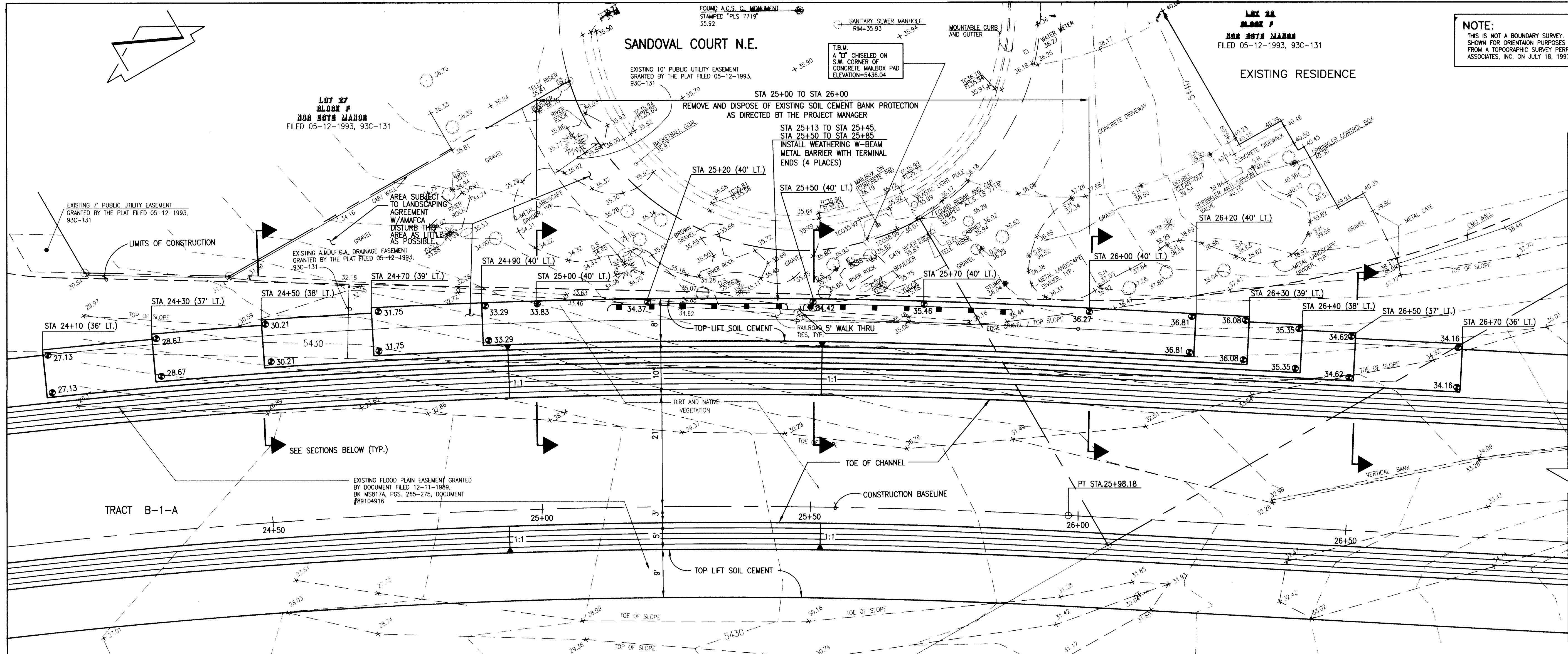


- CHANNEL CONSTRUCTION NOTES
- ALL STATIONING SHOWN HEREON IS BASED UPON CONSTRUCTION BASELINE UNLESS OTHERWISE INDICATED. REFER TO PLAT FOR STATE PLANE TIE.
 - CHANNEL CONSTRUCTION SHOWN HEREON IS IN ACCORDANCE WITH TYPICAL CHANNEL SECTIONS. SHEET 11, UNLESS OTHERWISE INDICATED.
 - PIPE PENETRATIONS SHALL BE CONSTRUCTED PER PIPE PENETRATION DETAILS, SHEET 17.
 - CONTRACTOR SHALL CAREFULLY REMOVE AND NEATLY STORE CONFLICTING RAILROAD TIES AND LANDSCAPING IMPROVEMENTS WITHIN THIS AREA. THIS WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT SHALL BE MADE. REFER TO SHEET 7A FOR MORE INFORMATION CONCERNING CONSTRUCTION IN THIS AREA.
 - LOTS 45-50 OF LA CUEVA VILLAGE ARE ENCUMBERED BY A TEMPORARY STORM DRAINAGE EASEMENT FOR SEDIMENT AND EROSION CONTROL PURPOSES. TEMPORARY SEDIMENT AND EROSION CONTROL POND TO BE BUILT BY SEPARATE CONTRACT (N.I.C.)



JEFF MORTENSEN & ASSOCIATES, INC.
6010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, N.M. 87109
ENGINEERS & SURVEYORS (050) 345-4250

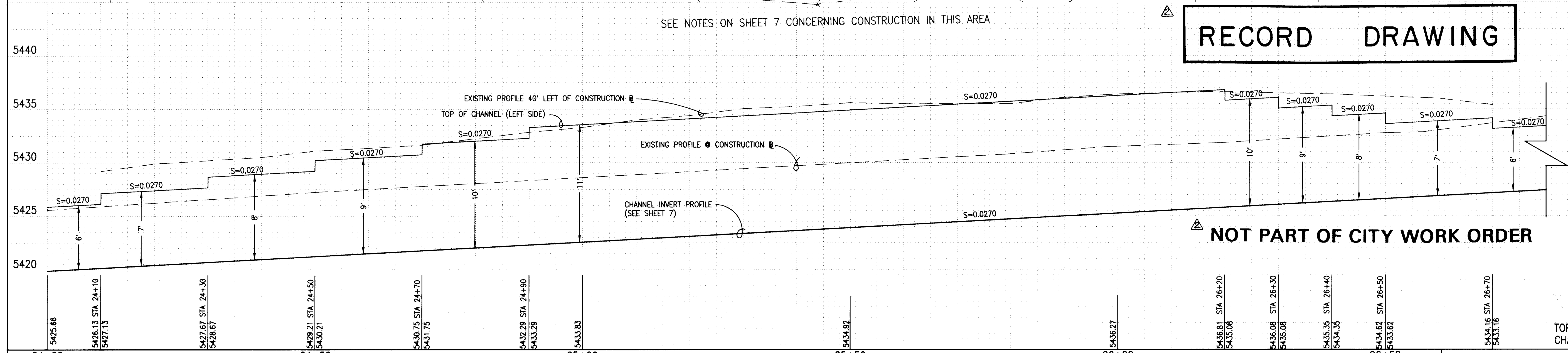
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: NORTH DOMINGO BACA ARROYO WINDOW G SOIL CEMENT CHANNEL CHANNEL PLAN AND PROFILE STA 20+00 TO STA 30+00	
Design Review Committee	City Engineer Approval
City Project No. 940951	Zone Map No. C-19
Sheet 7	Of 27



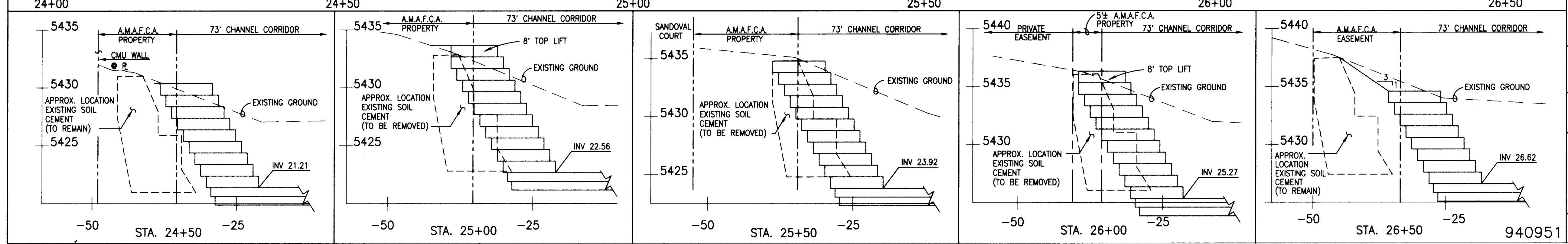
SCALE:
HORIZONTAL: 1" = 10'
VERTICAL: 1" = 5'

SEE NOTES ON SHEET 7 CONCERNING CONSTRUCTION IN THIS AREA

RECORD DRAWING



NOT PART OF CITY WORK ORDER



JEFF MORTENSEN & ASSOCIATES, INC.
600-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, N.M. 87109
OR ENGINEERS & SURVEYORS (0003) 345-4250

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: NORTH DOMINGO BACA ARROYO
WINDOW G SOIL CEMENT CHANNEL
SANDOVAL CT. PLAN AND PROFILE, SECTIONS AND DETAILS

Design Review Committee: City Engineer Approval

City Project No. 572982 Zone Map No. C-19

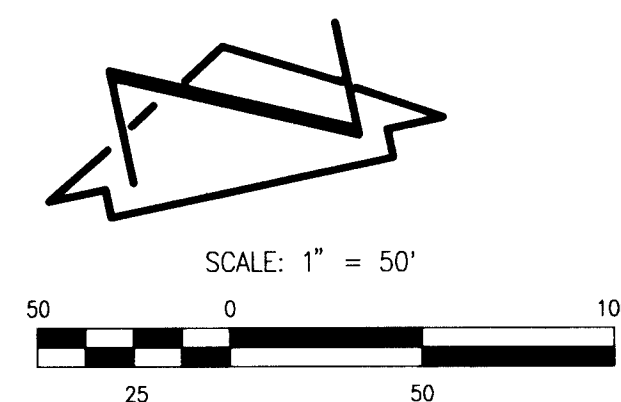
NO.	DATE	REMARKS
1	07-97	DESIGN
2	07-97	REVISIONS

Designed By: G.M. Drawn By: S.G.H. Checked By: J.G.M.

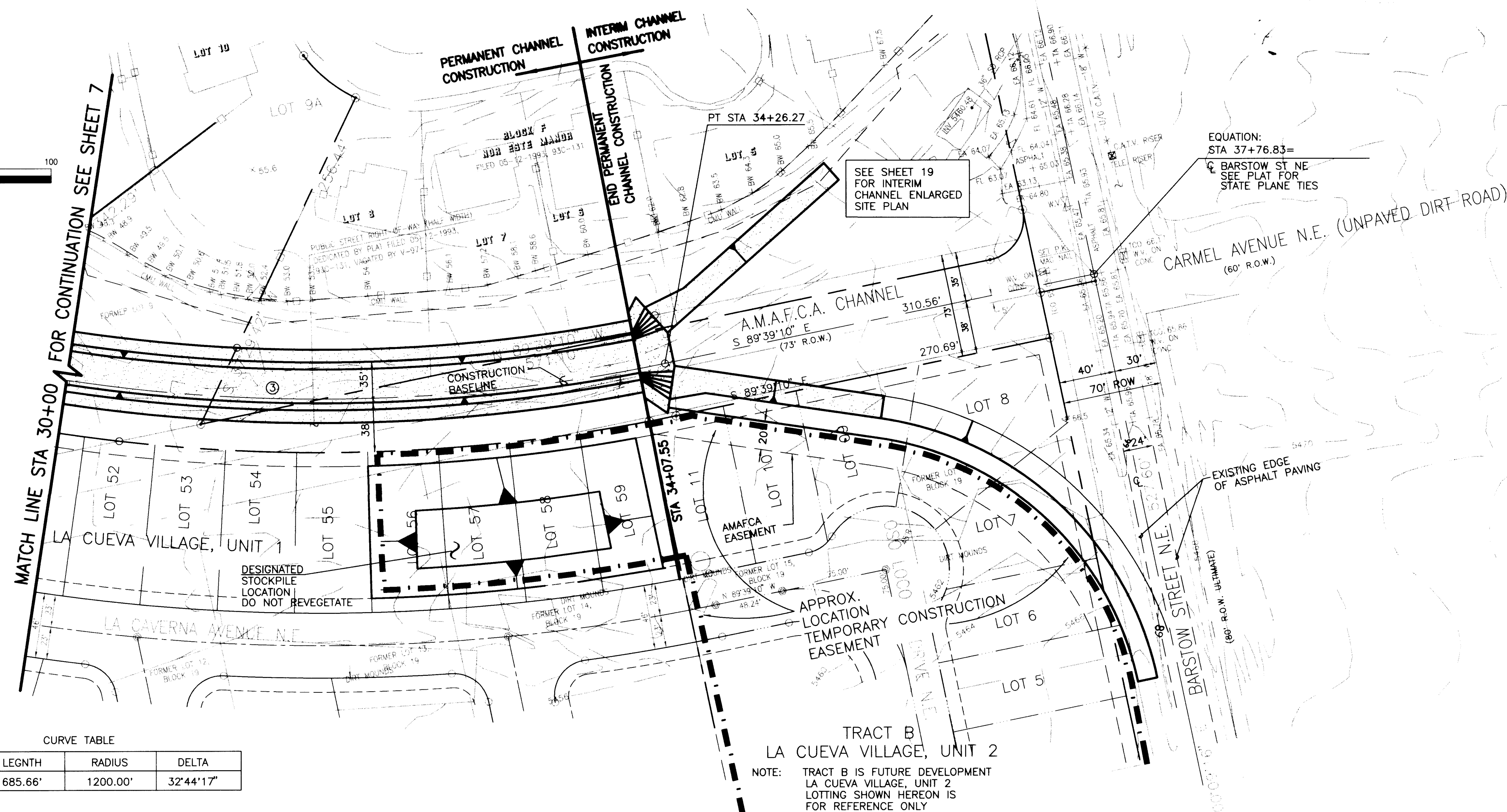
Sheet 7A of 27

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	BY	DATE	CONTRACTOR	DATE
940951	07-97	JMA	07-97	CITY OF ALBUQUERQUE BENCH MARK "HEAVEN" S STANDARD USC AND CS BRASS TABLET STAMPED "HEAVEN 1968", SET IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND LOCATED AT THE ENTRANCE TO THE "GATE OF HEAVEN" CEMETERY 0.15 MILES WEST OF THE INTERSECTION OF PASO DEL NORTE N.E. AND WYOMING BOULEVARD N.E. STATION IS ON THE SOUTH SIDE OF PASO DEL NORTE. ELEVATION = 5378.78 FEET (M.S.L.D.)	DATE
MICRO-FILM INFORMATION		RECORD DRAWING		ENGINEER'S SEAL	
NO.	DATE	BY	DATE	NO.	DATE

08-13-97

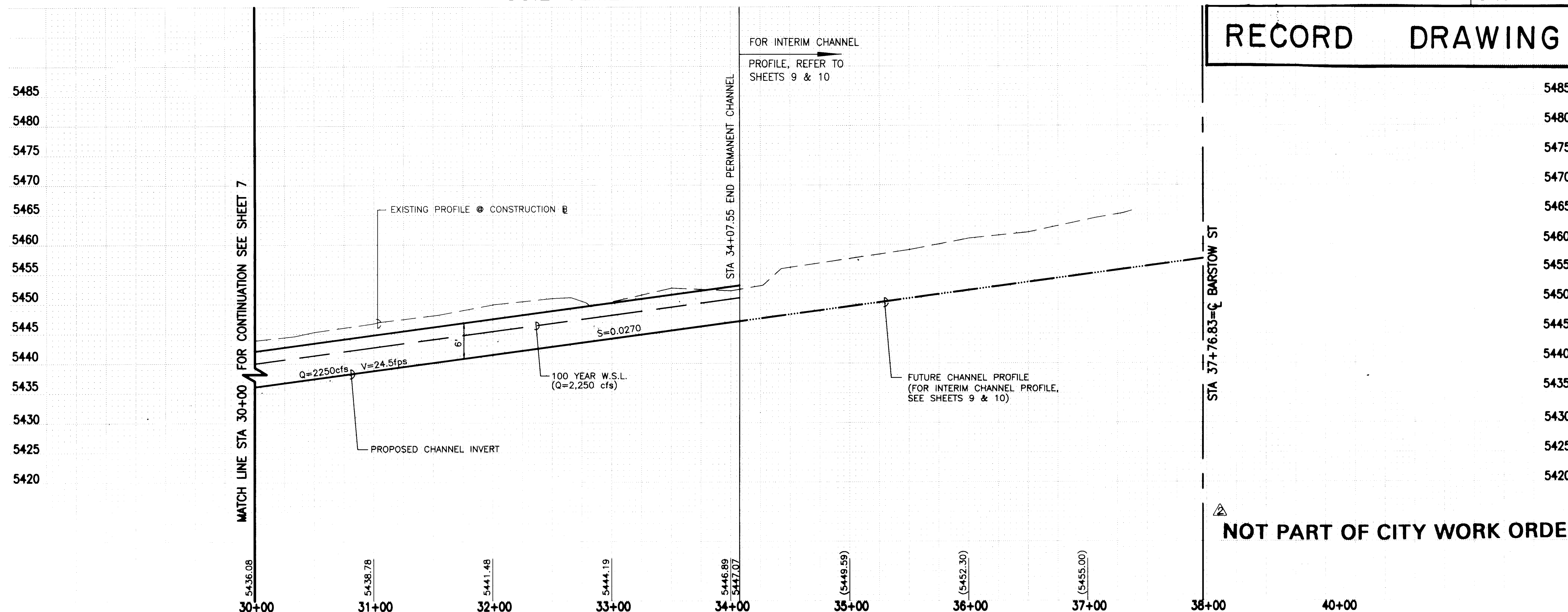


CURVE TABLE			
CURVE	LEGTH	RADIUS	DELTA
①	685.66'	1200.00'	32°44'17"



SOIL CEMENT CHANNEL PLAN AND PROFILE

SCALE:
HORIZONTAL: 1" = 50'
VERTICAL: 1" = 10'



RECORD DRAWING

NOT PART OF CITY WORK ORDER

- CHANNEL CONSTRUCTION NOTES
- ALL STATIONING SHOWN HEREON IS BASED UPON CONSTRUCTION BASELINE UNLESS OTHERWISE INDICATED. REFER TO PLAT FOR STATE PLANE TIE.
 - CHANNEL CONSTRUCTION SHOWN HEREON IS IN ACCORDANCE WITH TYPICAL CHANNEL SECTIONS, SHEET 11, UNLESS OTHERWISE INDICATED.

AS BUILT INFORMATION			
CONTRACTOR	WORK	DATE	DATE
STAMPED BY	ACCEPTANCE BY	DATE	DATE
FIELD	DATE	DATE	DATE
DRAWINGS	DATE	DATE	DATE
CORRECTED BY	DATE	DATE	DATE
RECORDED BY	DATE	DATE	DATE
MICRO-FILM INFORMATION			
NO.			

BENCH MARKS			
CITY OF ALBUQUERQUE BENCH MARK "HEAVEN" A STANDARD	USC AND GS BRASS TABLET STAMPED "HEAVEN 1969", SET	IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND	LOCATED AT THE ENTRANCE TO THE "GATE OF HEAVEN"
CEMETERY 0.15 MILES WEST OF THE INTERSECTION OF PASEO DEL NORTE N.E. AND WYOMING BOULEVARD N.E.	STATION	IS ON THE SOUTH SIDE OF PASEO DEL NORTE.	ELEVATION = 5378.78 FEET (M.S.L.D.)

SURVEY INFORMATION			
NO.	DATE	BY	DATE
940953	8/96	JMA	

ENGINEER'S SEAL			
01/98	RECORDED DRAWING	BY	DATE
NO.	DATE	DATE	DATE
DESIGNED BY	G.M.	DATE	04-97
DRAWN BY	D.L.M.	DATE	04-97
CHECKED BY	J.G.M.	DATE	08-97

JEFF MORTENSEN & ASSOCIATES, INC.	6000 N. MIDWAY PARK BLVD. N.E.	ALBUQUERQUE, N.M. 87109	ENGINEERS & SURVEYORS (505) 345-4250
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: NORTH DOMINGO BACA ARROYO
WINDOW G SOIL CEMENT CHANNEL
CHANNEL PLAN AND PROFILE STA 30+00 TO STA 34+07.55

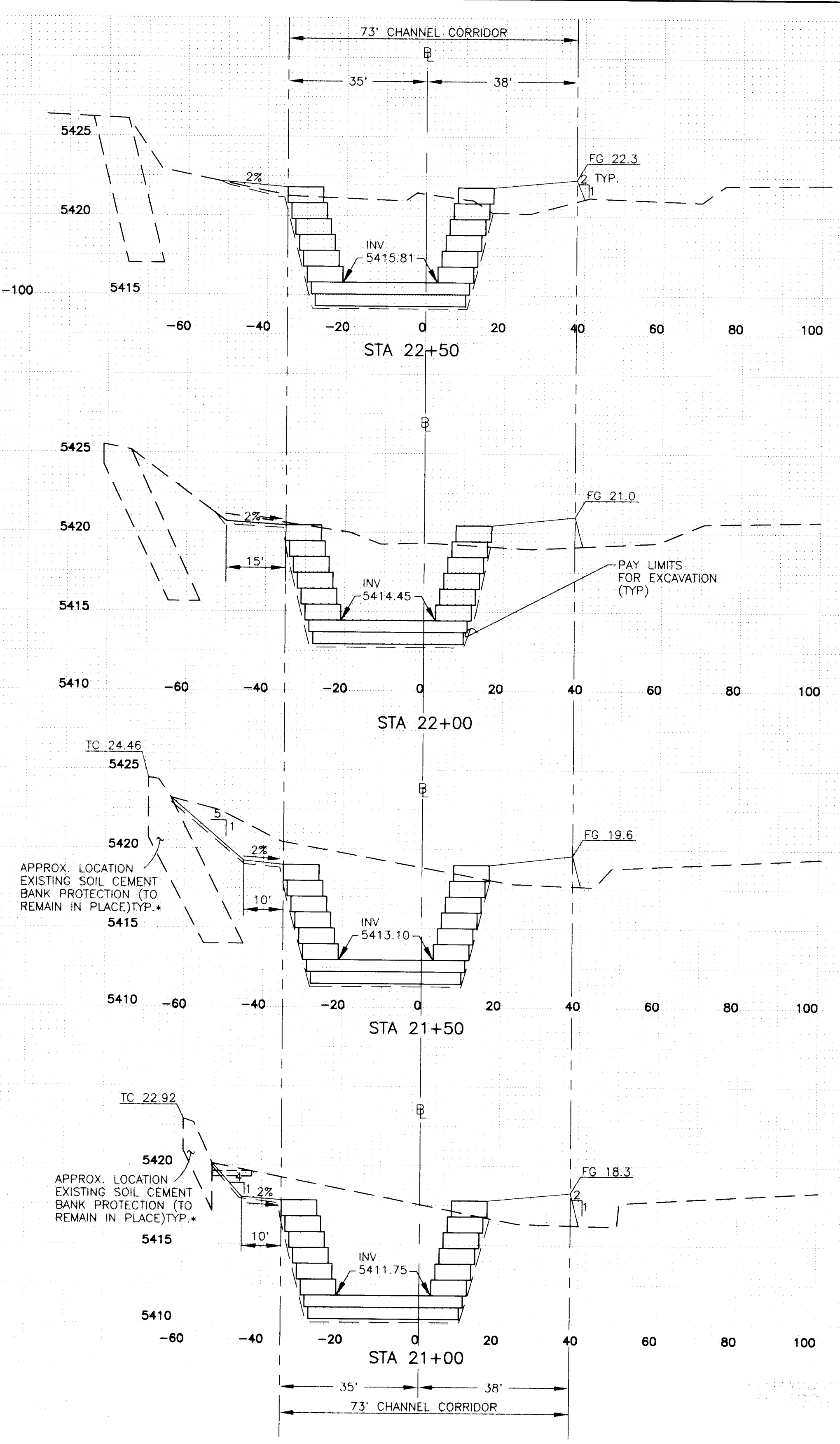
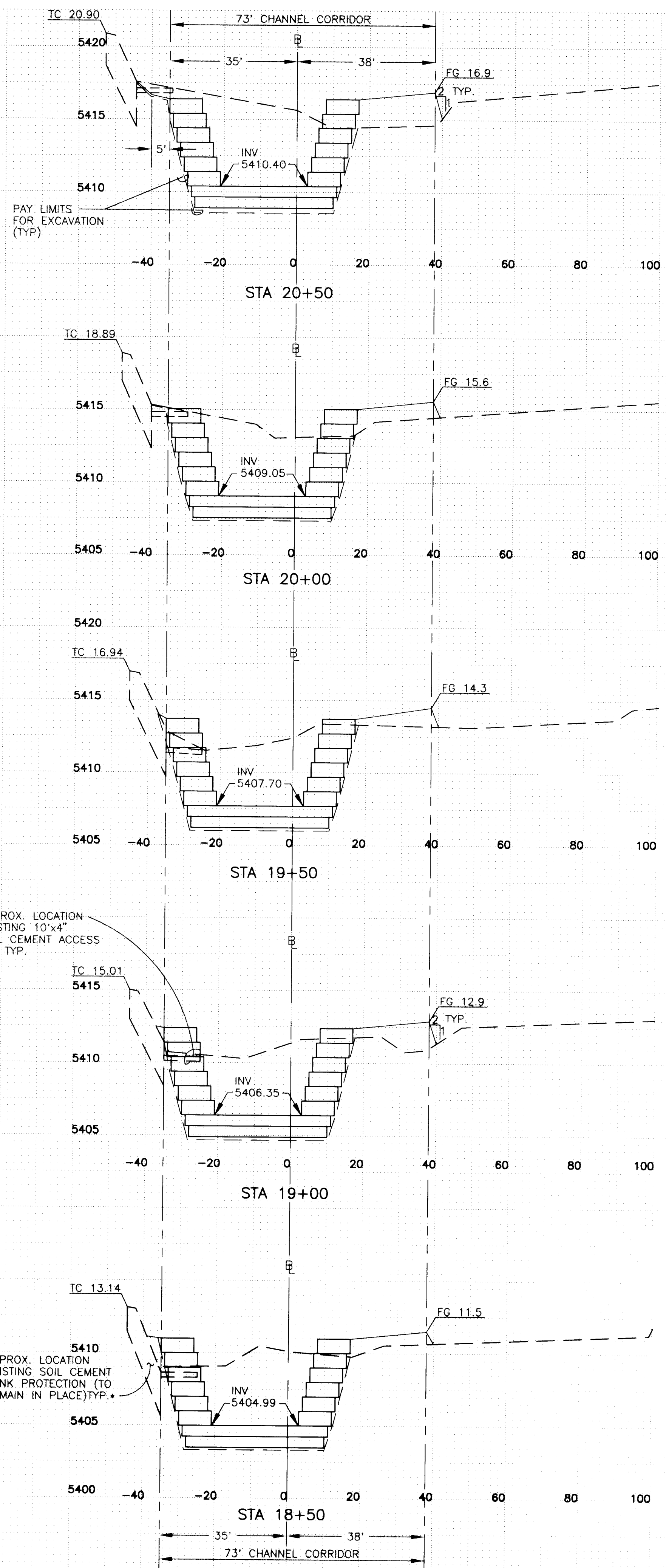
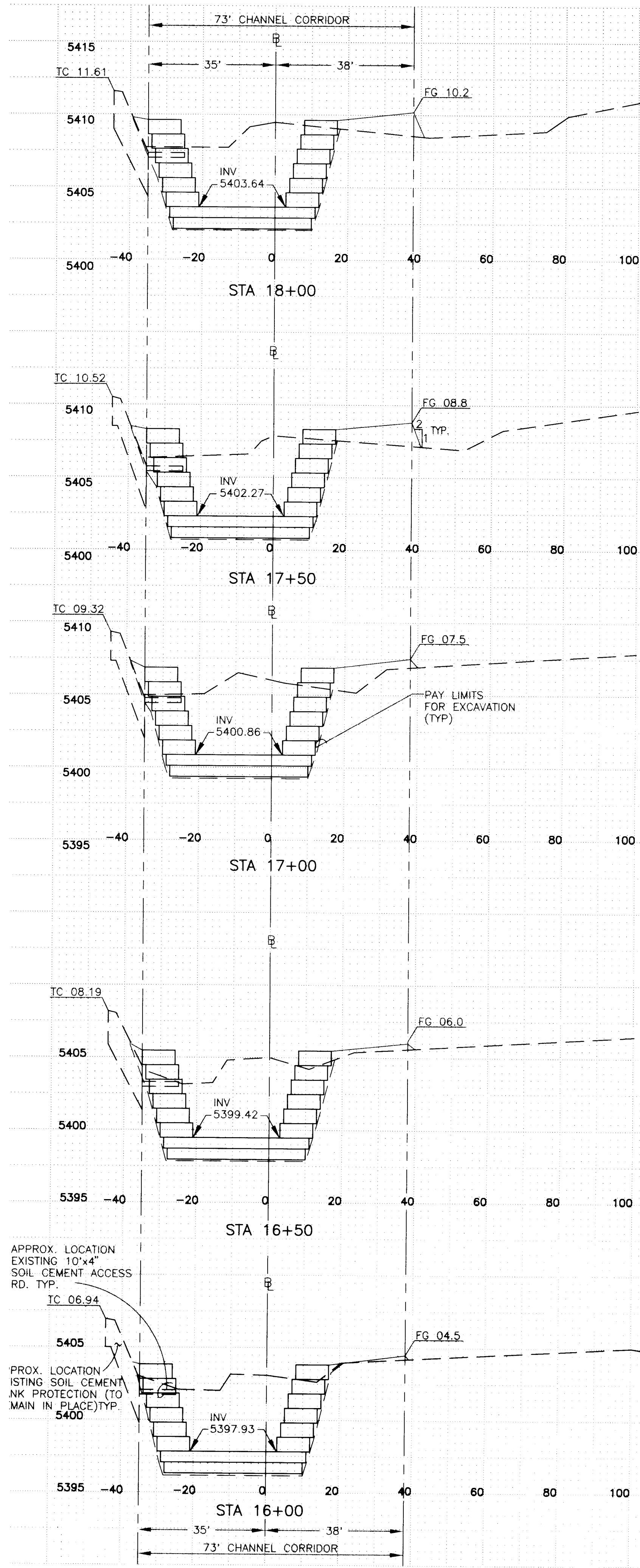
Design	Review	Committee	City Engineer Approval	Zone Map No.	Sheet	Of
SEP - 87				C-19	8	27

City Project No. 572982

940951

970625

970625



NOT PART OF CITY WORK ORDER

SCALE: 1"=20' HORIZONTAL
1"=5' VERTICAL

RECORD DRAWING

*LOCATIONS OF EXISTING SOIL CEMENT FROM STA. 10+50 TO 21+00 TAKEN FROM C.O.A. PROJECT 3355, SOIL CEMENT FROM STA 21+50 TO STA 34+00 TAKEN FROM C.O.A. PROJECT 3355.91

City of Albuquerque
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPEMENT GROUP

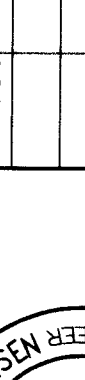
TITLE:
NORTH DOMINGO BACA ARROYO
WINDOW G SOIL CEMENT CHANNEL
CROSS-SECTIONS STA 16+00 TO STA 22+50

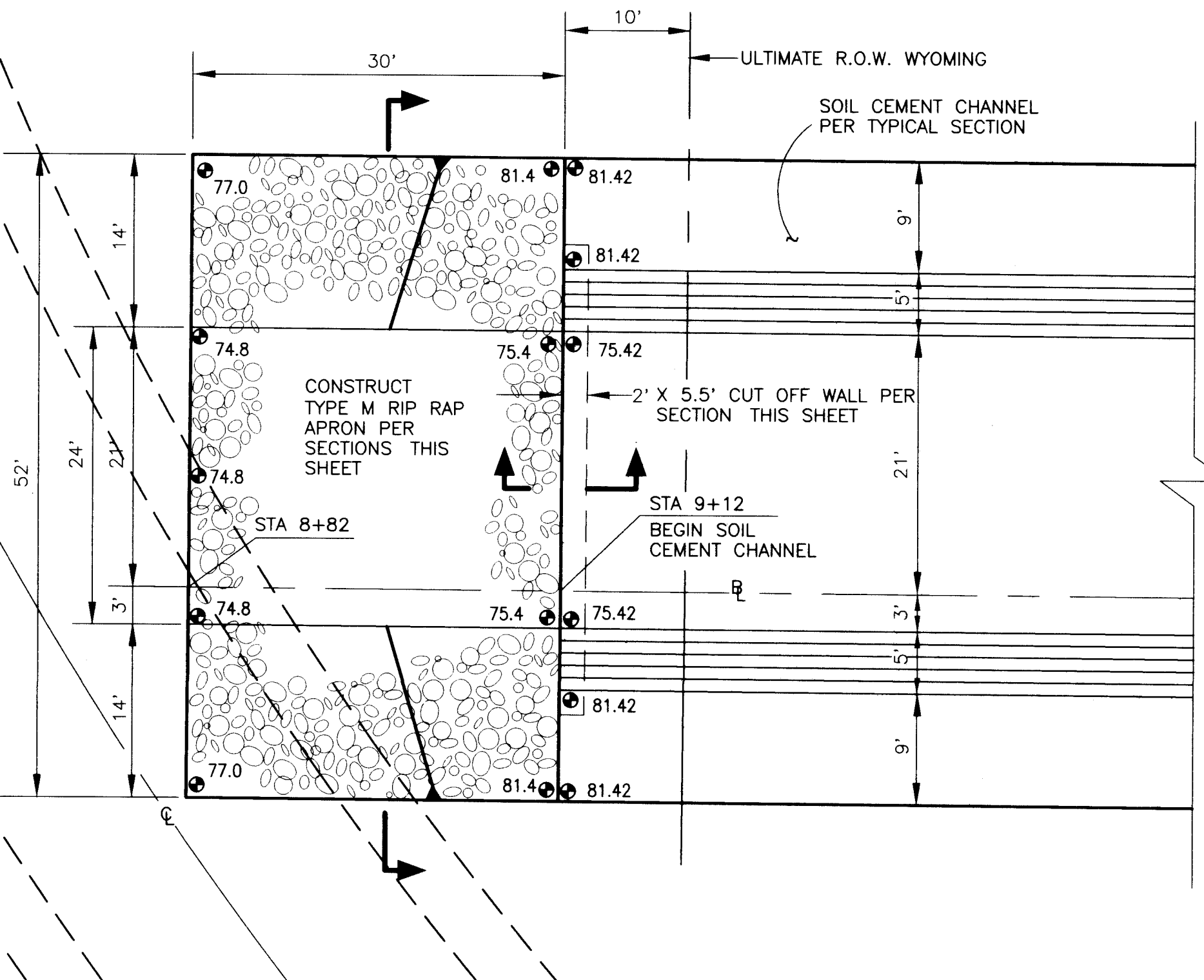
Design Review Committee: _____ City Engineer Approval: _____

City Project No. **572982** Zone Map No. **C-19** Sheet **13** of **27**

940951

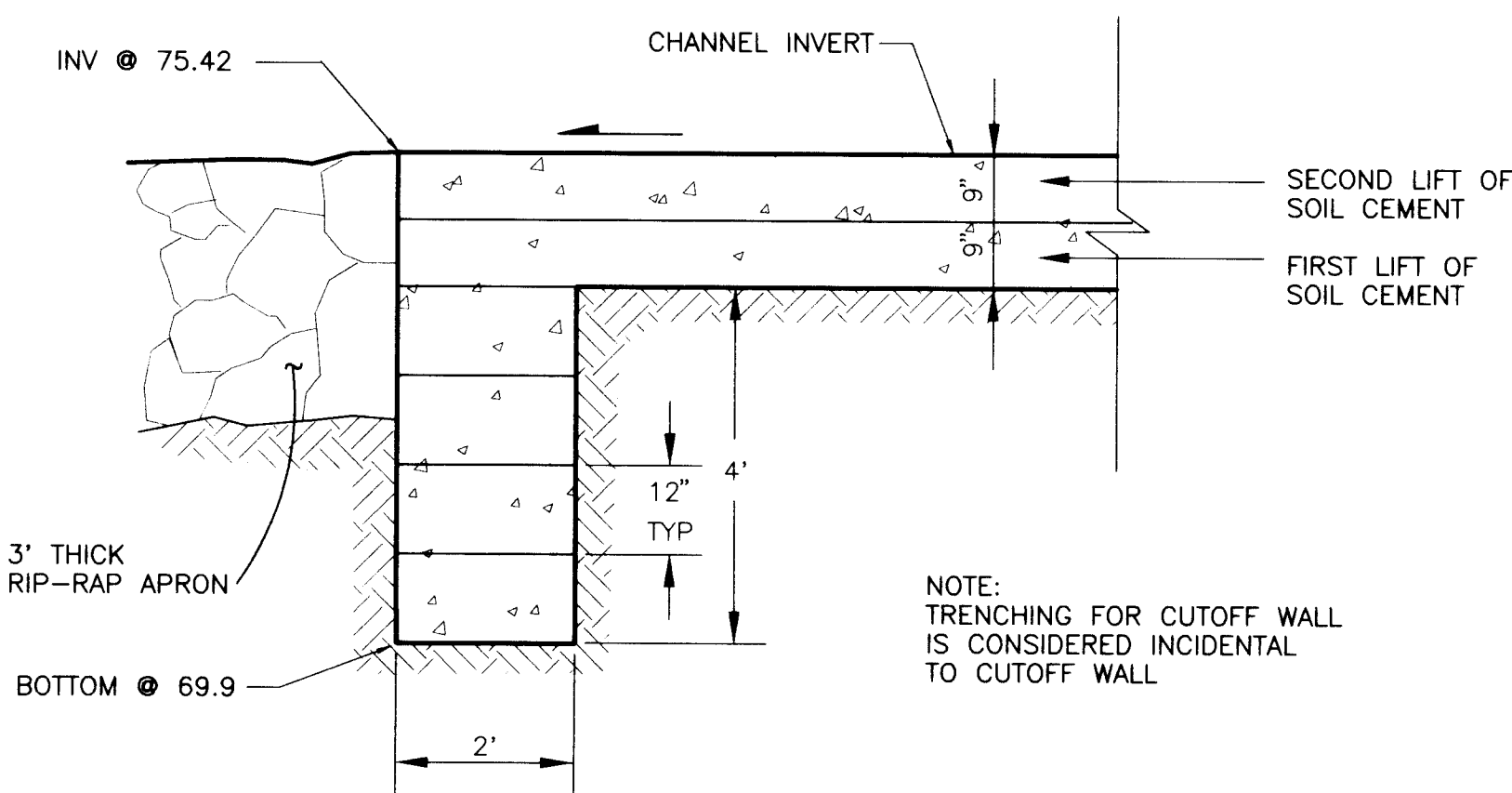
970625

01/08		RECORDED DRAWING		G.M.		ENGINEER'S SEAL		SURVEY INFORMATION				BENCH MARKS				AS BUILT INFORMATION			
						 08-1397		FIELD NOTES				CITY OF ALBUQUERQUE BENCH MARK "HEAVEN". A STANDARD USC AND GS BRASS TABLET STAMPED "HEAVEN 1969", SET IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND LOCATED AT THE ENTRANCE TO THE "GATE OF HEAVEN" CEMETERY 0.15 MILES WEST OF THE INTERSECTION OF PASEO DEL NORTE N.E. AND WYOMING BOULEVARD N.E. STATION IS ON THE SOUTH SIDE OF PASEO DEL NORTE. ELEVATION = 5378.78 FEET (M.S.L.D.)				CONTRACTOR			
NO.		DATE		BY				NO.		DATE		BY		INSPECTOR'S NAME		DATE			
940953		8/96		JMA				940953		8/96		JMA		FIELD ENGINEER'S NAME		DATE			
REMARKS				BY								FIELD VERIFICATION BY				DATE			
Revisions												CORRECTED BY				DATE			
DESIGN												MICRO-FILM INFORMATION							
Designed By		G.M.		Date		08-97						RECORDED BY				DATE			
Drawn By		DLM		Date		08-97						NO.							
Checked By		J.G.M.		Date		08-97													



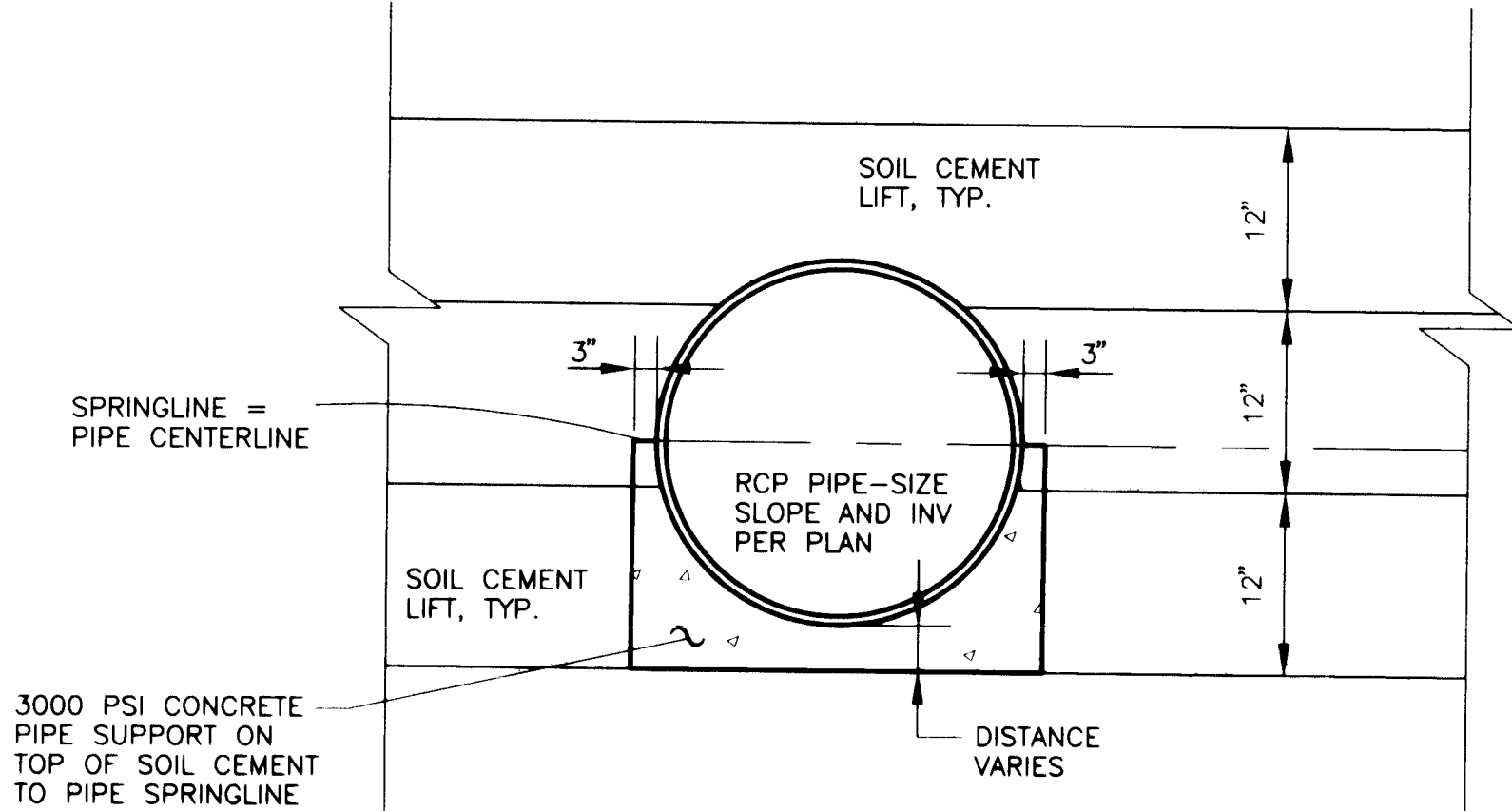
EXISTING SHOOFLY TO BE REMOVED BY SEPARATE CONTRACT (SEE NOTES AT RIGHT)

CHANNEL OUTLET DETAIL
SCALE=1"=10'

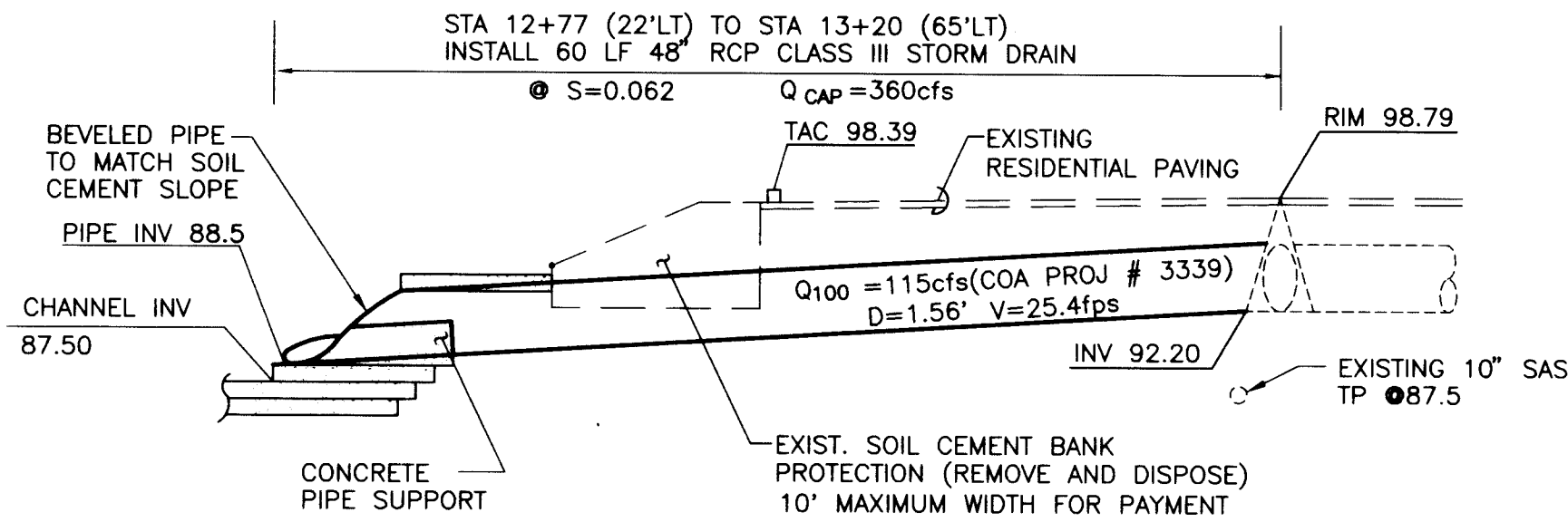


CUTOFF WALL SECTION
SCALE=1"=2'

NOTE: TRENCHING FOR CUTOFF WALL IS CONSIDERED INCIDENTAL TO CUTOFF WALL

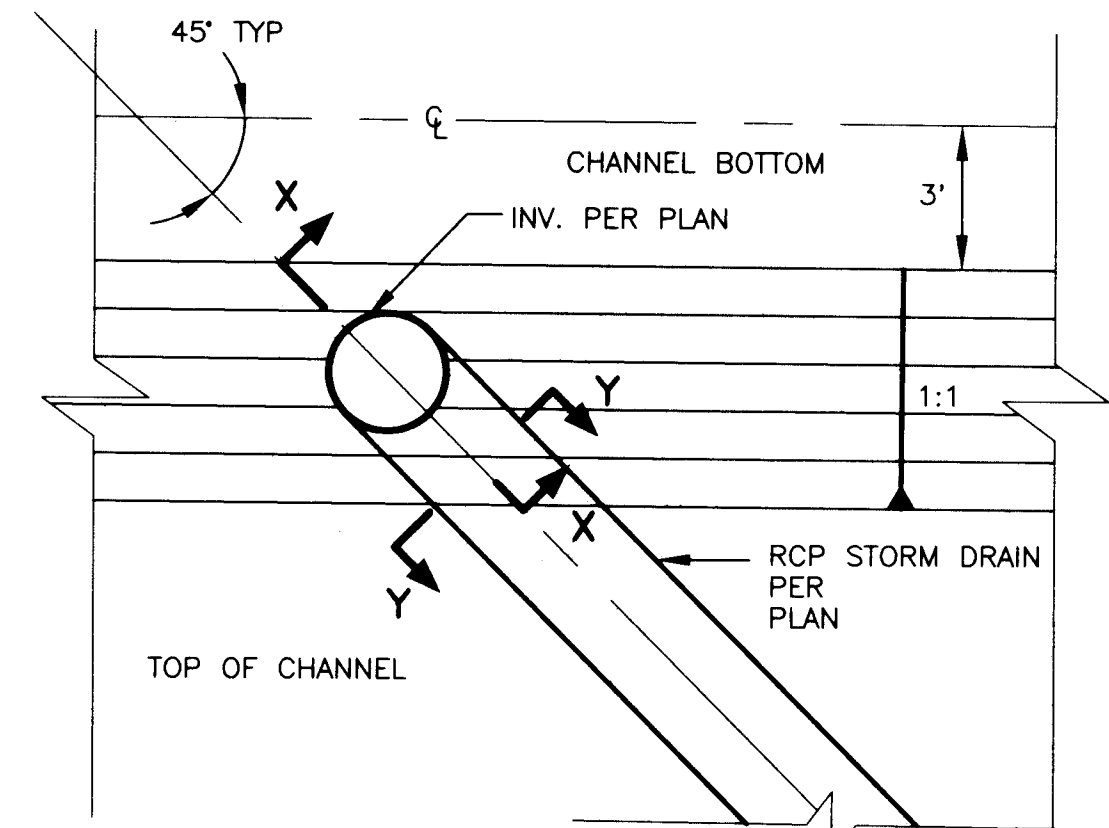


SECTION Y-Y
SCALE: 1"=1'-0"

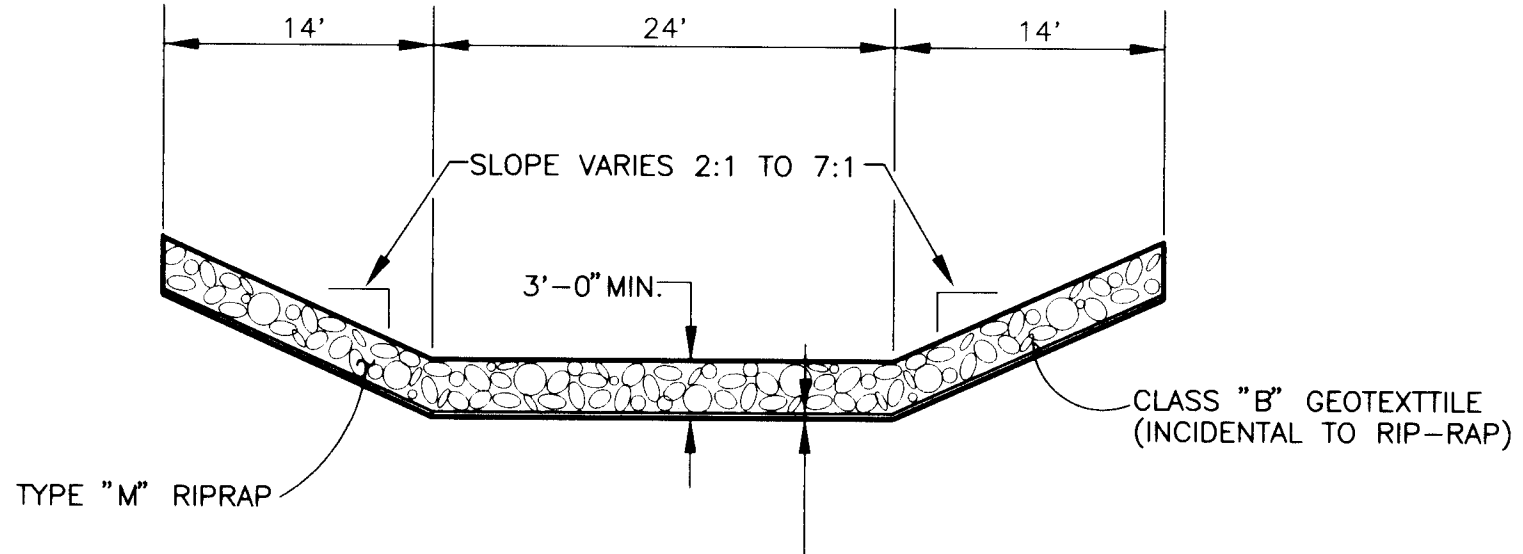


ANAHEIM STORM DRAIN PROFILE DETAIL (SEE SHEET 6 FOR PLAN)
SCALE: 1"=10'

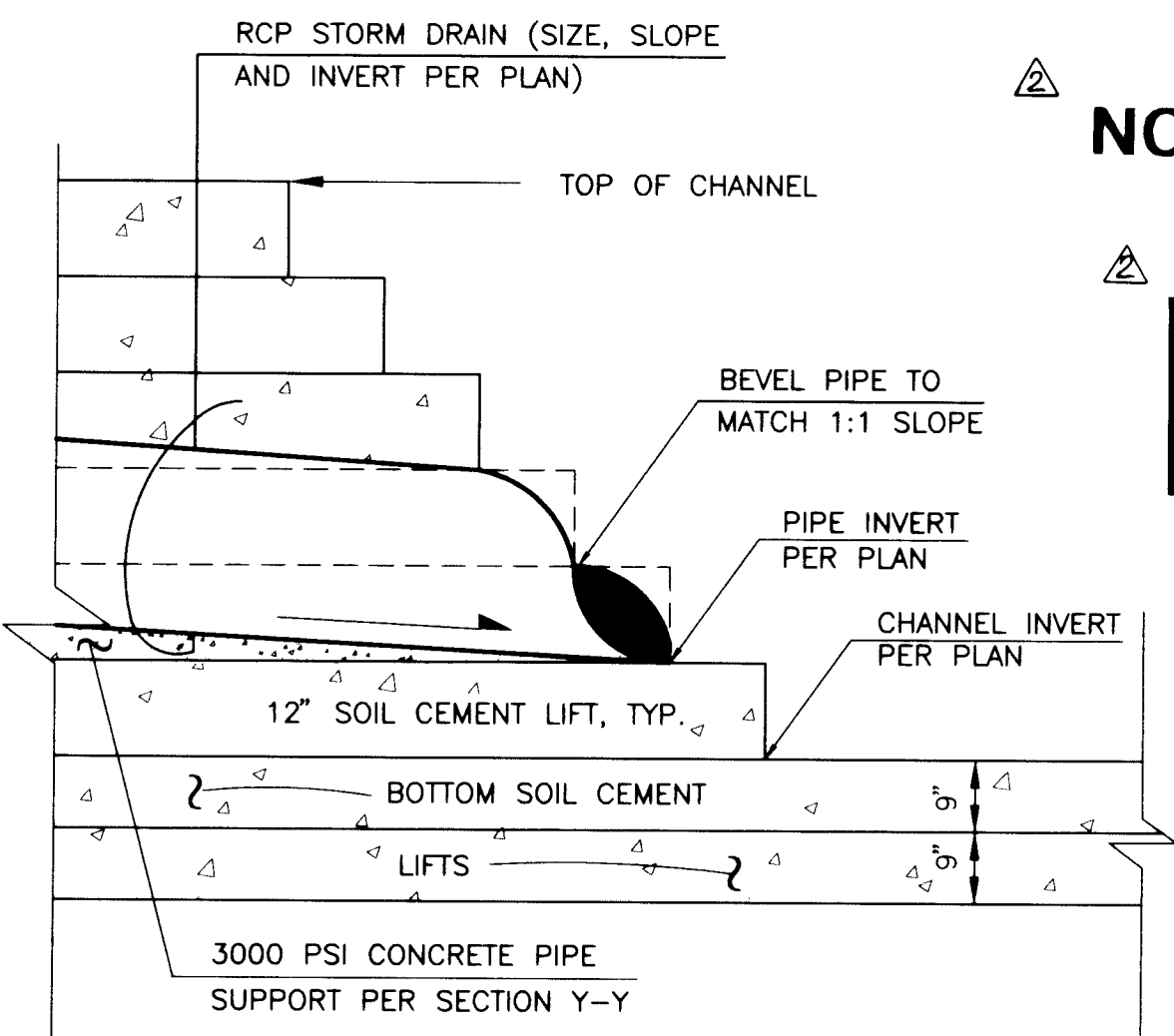
NOTE: CONTRACTOR SHALL ENSURE THAT GUARDRAIL POST INSTALLATION DOES NOT CONFLICT WITH ALIGNMENT OF 48" RCP STORM DRAIN.



TYPICAL PIPE PENETRATION DETAIL
SCALE: 1"=4'



RIP-RAP APRON SECTION
SCALE=1"=10'



SECTION X-X
SCALE=1"=2'

- PROJECT NOTES:
1. TEMPORARY SHOOFLY (SHEET 23) WILL DIVERT WYOMING TRAFFIC AROUND CONSTRUCTION AREA DURING CHANNEL PROJECT DURATION AND WYOMING BOULEVARD IMPROVEMENTS CONSTRUCTION. WYOMING IMPROVEMENTS AND CONSTRUCTION/REMOVAL OF SHOOFLY TO BE PERFORMED BY SEPARATE CONTRACT. SHOOFLY TO BE IN PLACE BY SEPTEMBER 15, 1997.
 2. SHOOFLY SHALL BE CONSTRUCTED BY SEPARATE CONTRACT PRIOR TO SEPTEMBER 15, 1997.
 3. SHOOFLY SHALL BE REMOVED BY SEPARATE CONTRACT FOLLOWING COMPLETION OF WYOMING BOULEVARD IMPROVEMENTS.
 4. RIP-RAP APRON (SHEET 17) SHALL BE CONSTRUCTED IMMEDIATELY FOLLOWING REMOVAL OF SHOOFLY. IF SHOOFLY IS NOT REMOVED BEFORE 14 DAYS PRIOR TO PROJECT COMPLETION DATE, CONTRACTOR SHALL PROVIDE AND STOCKPILE RIP-RAP AT PROJECT MANAGER'S DIRECTION IN LIEU OF INSTALLATION. NO CHANGE IN CONTRACT IN CONTRACT PRICE SHALL BE MADE.
 5. FINAL OUTLET GRADING (SHEET 22) SHALL BE PERFORMED AND COMPLETED AFTER REMOVAL OF SHOOFLY. IF SHOOFLY IS NOT REMOVED BEFORE 14 DAYS PRIOR TO PROJECT COMPLETION DATE, FINAL OUTLET GRADING SHALL BE DELETED FROM THE CONTRACT.
 6. BECAUSE THIS PROJECT LIES WITHIN EXISTING FLOODPLAIN, ALL FILL SHALL BE COMPACTED TO A MINIMUM DRY DENSITY OF 95% (A.S.T.M. D-1557). REFER TO PROJECT SPECIFICATIONS FOR SPECIFIC COMPACTION REQUIREMENTS.
 7. THIS CONTRACT INTENDS TO HAVE CHANNEL AND ABUTMENTS AT WYOMING BLVD. CROSSING COMPLETE AS SOON AS POSSIBLE, SO THAT OTHERS MAY INSTALL BRIDGE DECK, REMOVE SHOOFLY, AND RETURN TRAFFIC TO WYOMING BLVD.
 8. CONTRACTOR WILL COORDINATE WORK WITH WYOMING BLVD. BRIDGE CONTRACTOR AND WILL MAKE EVERY EFFORT TO HAVE ABUTMENTS COMPLETE, INCLUDING SLOPE PAVING, BY NOVEMBER 30, 1997.

NOT PART OF CITY WORK ORDER

RECORD DRAWING



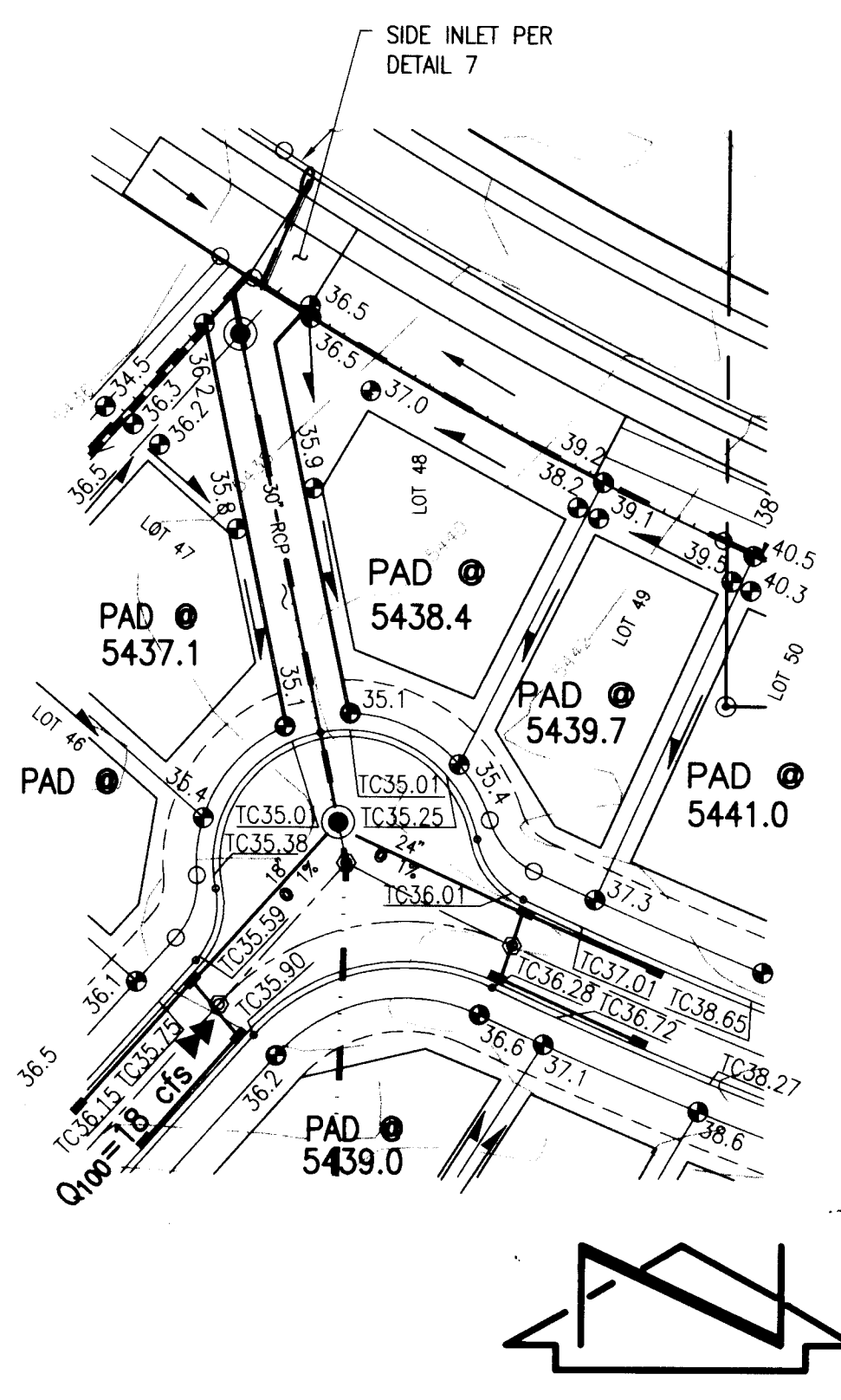
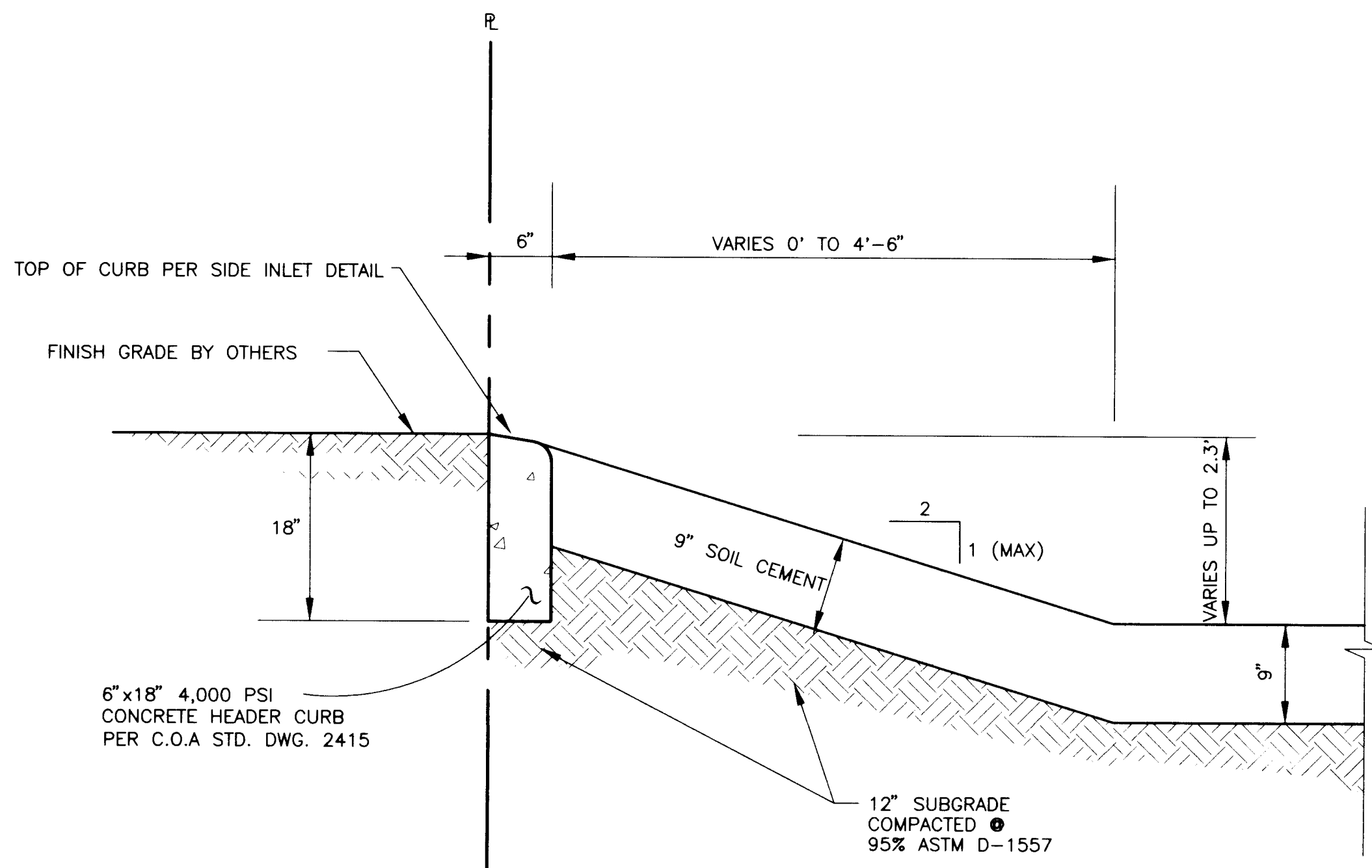
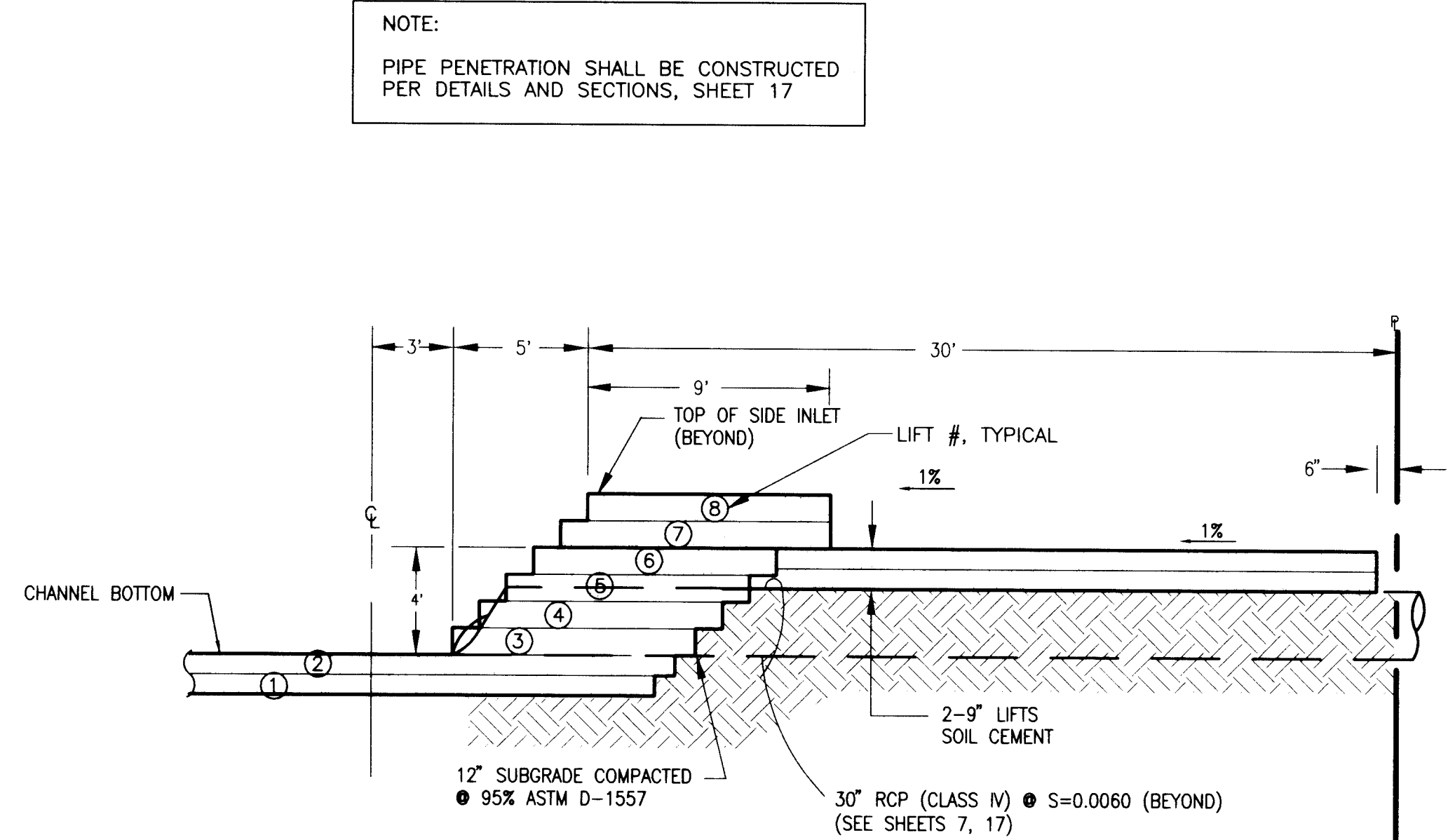
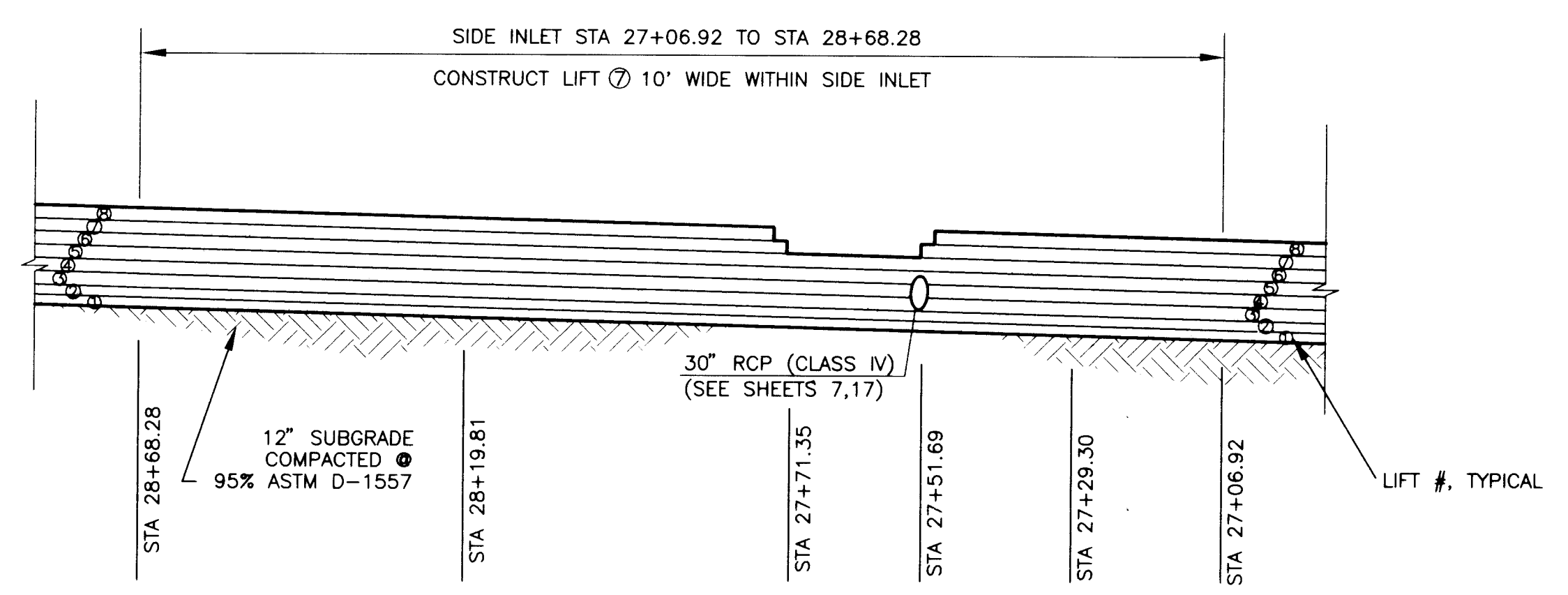
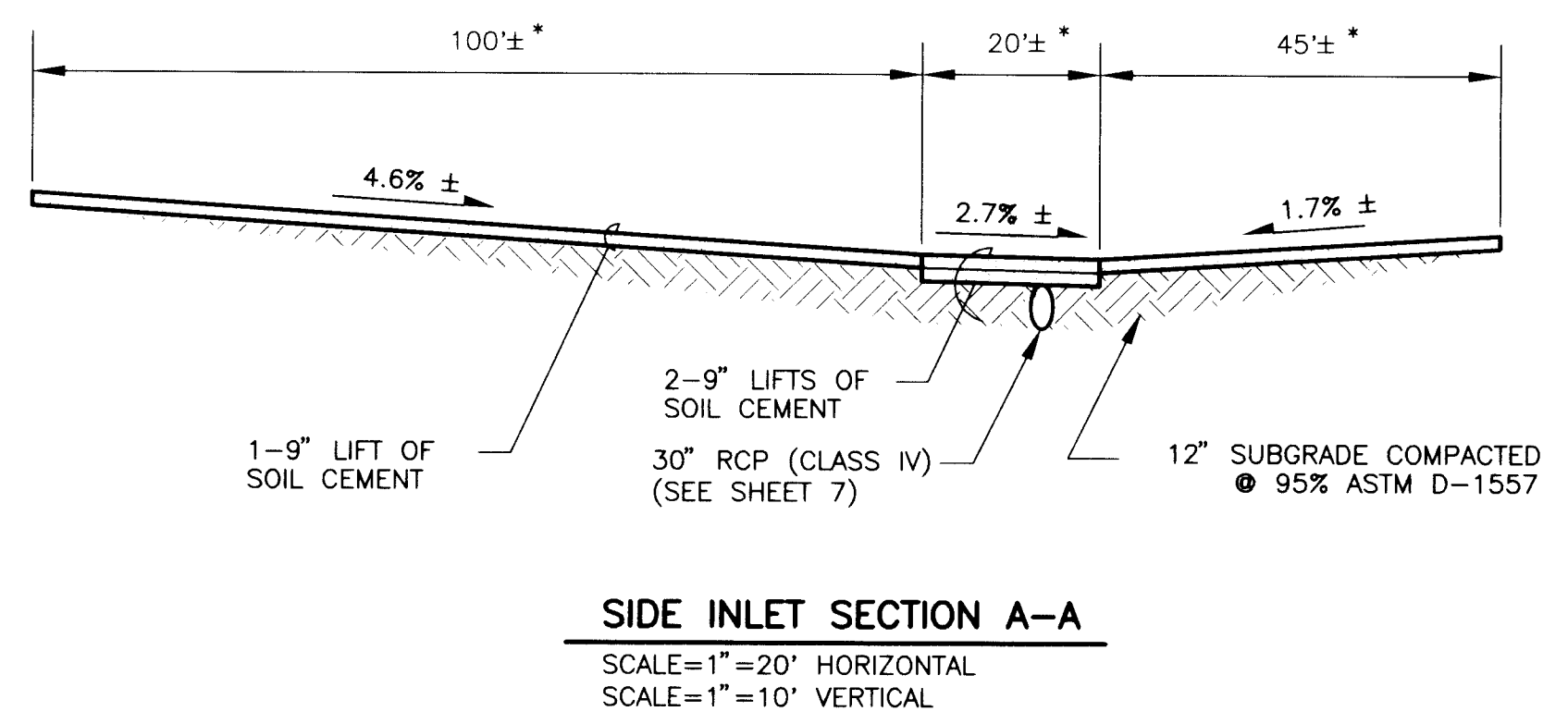
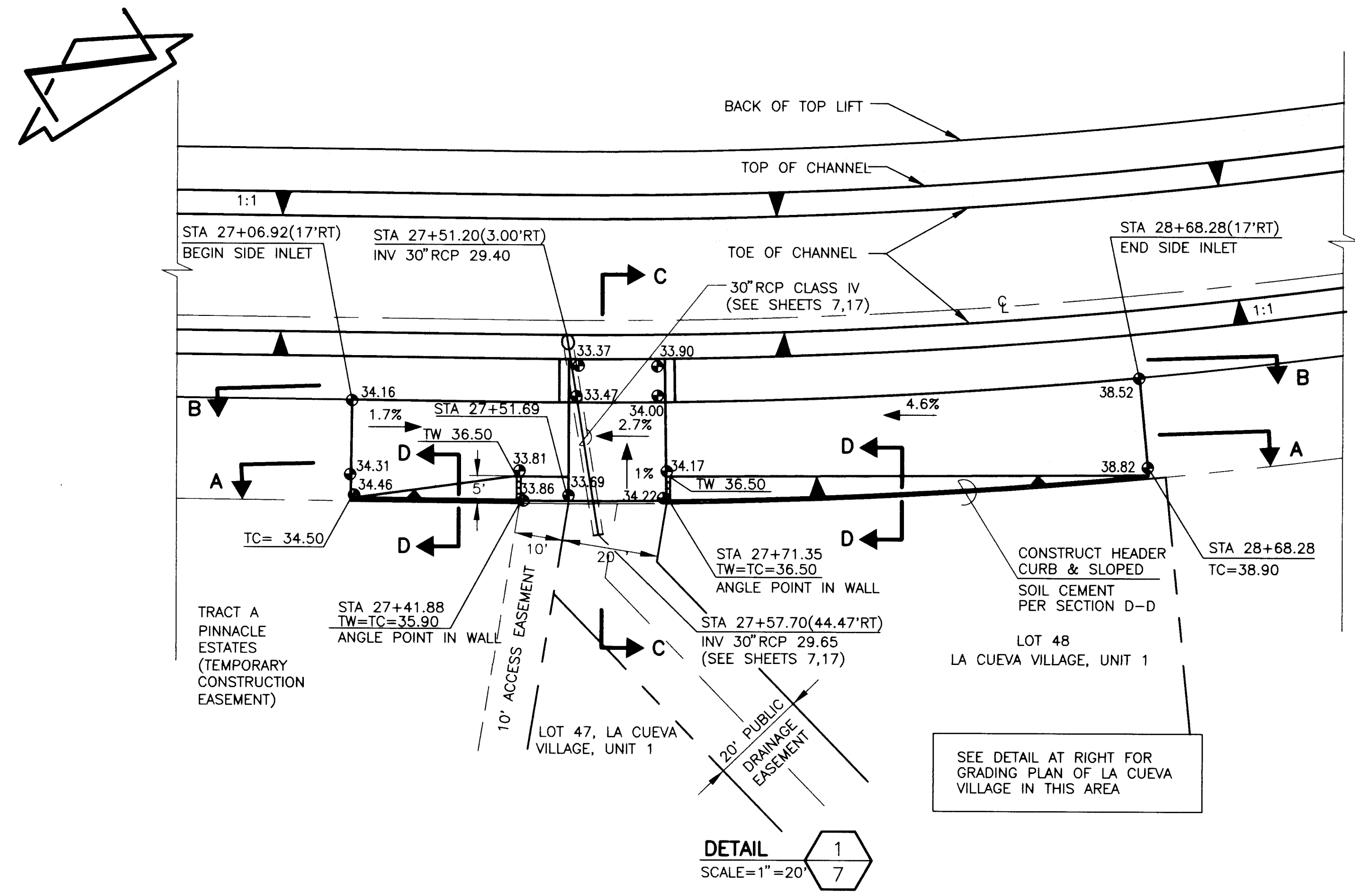
JEFF MORTENSEN & ASSOCIATES, INC.
4000-B MIDWAY PARK BLVD. NE
ALBUQUERQUE, N.M. 87109
ENGINEERS & SURVEYORS (505) 345-4250

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: NORTH DOMINGO BACA ARROYO WINDOW G SOIL CEMENT CHANNEL CHANNEL OUTLET AND PIPE PENETRATION SECTIONS AND DETAILS			
Design Review Committee	City Engineer Approval	Mr. Gao	Mr. Gao
SEP - 8 1997		Last Design Update	
City Project No.	572982	Zone Map No.	C-19
Sheet	17	Of	27

940951

970625

BENCH MARKS		AS BUILT INFORMATION	
CITY OF ALBUQUERQUE BENCH MARK "HEAVEN", A STANDARD USC AND GS BRASS TABLET STAMPED "HEAVEN 1969", SET IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND LOCATED AT THE ENTRANCE TO THE "GATE OF HEAVEN" CEMETERY 0.15 MILES WEST OF THE INTERSECTION OF PASEO DEL NORTE N.E. AND WYOMING BOULEVARD N.E. STATION IS ON THE SOUTH SIDE OF PASEO DEL NORTE. ELEVATION = 5378.78 FEET (M.S.L.D.)		CONTRACTOR	NO.
SURVEY INFORMATION		MICRO-FILM INFORMATION	
FIELD NOTES	DATE	RECORDED BY	DATE
NO. 940953	8/96		
BY JMA			
ENGINEER'S SEAL		REVISIONS	
		NO.	DATE
		DESIGN	08-97
		REVISIONS	08-97
REMARKS		DESIGNED BY	DATE
		G.M.	08-97
		DRAWN BY	DATE
		D.L.M.	08-97
		CHECKED BY	DATE
		J.G.M.	08-97



RECORD DRAWING

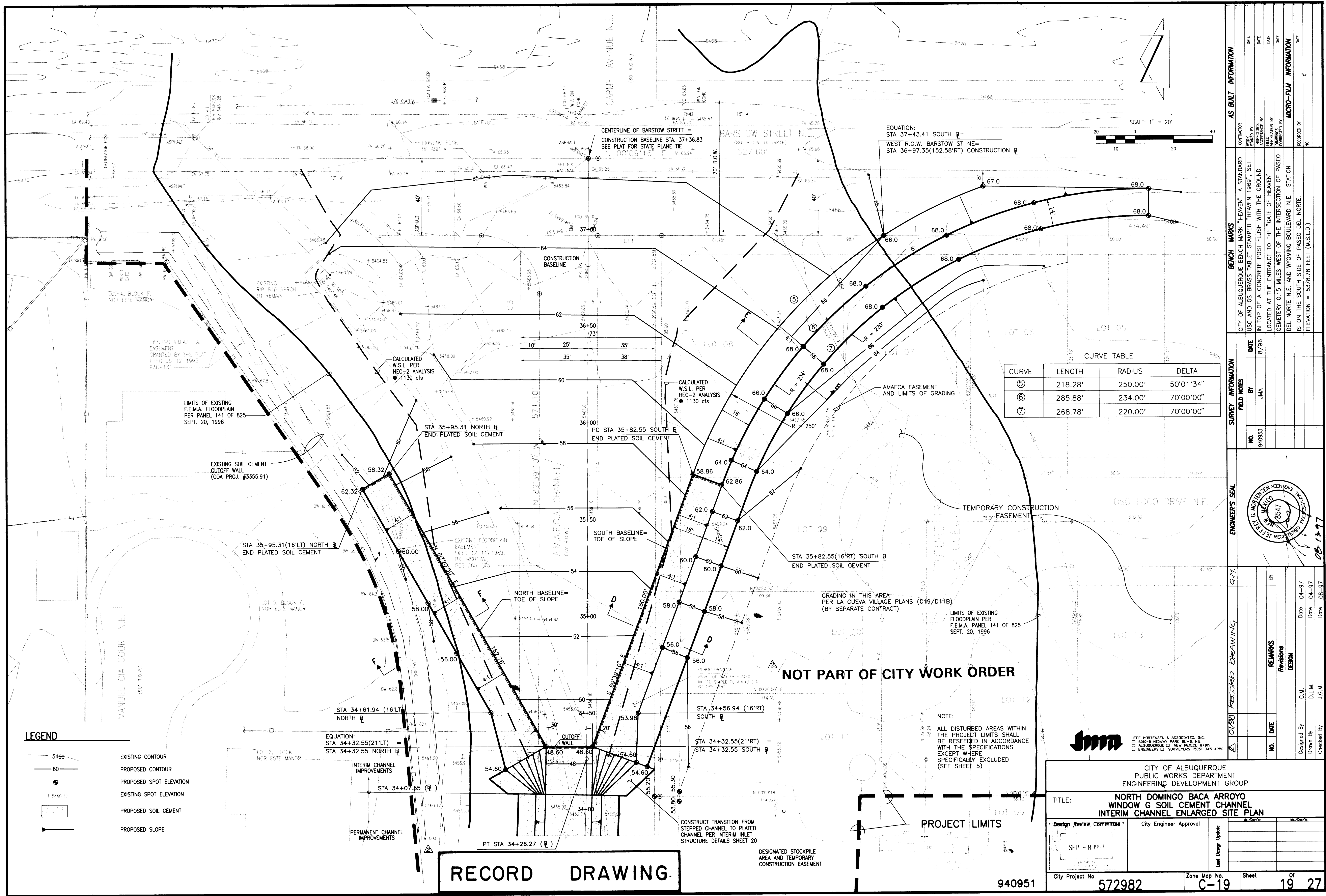
NOT PART OF CITY WORK ORDER

JEFF MORTENSEN & ASSOCIATES, INC. 6000 N. MIDWAY PARK BLVD. N.E. ALBUQUERQUE, N.M. 87109 ENGINEERS & SURVEYORS (505) 345-4250	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: NORTH DOMINGO BACA ARROYO WINDOW G SOIL CEMENT CHANNEL SIDE INLET SECTIONS AND DETAILS	
Design Review Committee SEP - 8 1997	City Engineer Approval [Signature]
City Project No. 572982	Zone Map No. C-19
Sheet 18	Of 27

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		RECORD DRAWING	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE
CITY OF ALBUQUERQUE	8/96	CITY OF ALBUQUERQUE	8/96	940953	8/96	940953	8/96	940953	8/96
USC AND GS BRASS TABLET STAMPED "HEAVEN 1969", SET IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND		USC AND GS BRASS TABLET STAMPED "HEAVEN 1969", SET IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND							
LOCATED AT THE ENTRANCE TO THE "GATE OF HEAVEN" CEMETERY 0.15 MILES WEST OF THE INTERSECTION OF PASEO DEL NORTE N.E. AND WYOMING BOULEVARD N.E. STATION		LOCATED AT THE ENTRANCE TO THE "GATE OF HEAVEN" CEMETERY 0.15 MILES WEST OF THE INTERSECTION OF PASEO DEL NORTE N.E. AND WYOMING BOULEVARD N.E. STATION							
IS ON THE SOUTH SIDE OF PASEO DEL NORTE.		IS ON THE SOUTH SIDE OF PASEO DEL NORTE.							
ELEVATION = 5378.78 FEET (M.S.L.D.)		ELEVATION = 5378.78 FEET (M.S.L.D.)							

940951

970625



CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA
⑤	218.28'	250.00'	50°01'34"
⑥	285.88'	234.00'	70°00'00"
⑦	268.78'	220.00'	70°00'00"

AS BUILT INFORMATION	
CONTRACTOR	DATE
WORK BY	DATE
DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
CITY OF ALBUQUERQUE BENCH MARK "HEAVEN" A STANDARD USC AND GS BRASS TABLET STAMPED "HEAVEN 1989" SET IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND LOCATED AT THE ENTRANCE TO THE "GATE OF HEAVEN" CEMETERY 0.15 MILES WEST OF THE INTERSECTION OF PASO DEL NORTE N.E. AND WYOMING BOULEVARD N.E. STATION IS ON THE SOUTH SIDE OF PASO DEL NORTE. ELEVATION = 5378.78 FEET (M.S.L.D.)	

SURVEY INFORMATION	
NO.	DATE
940953	8/96
BY	JMA

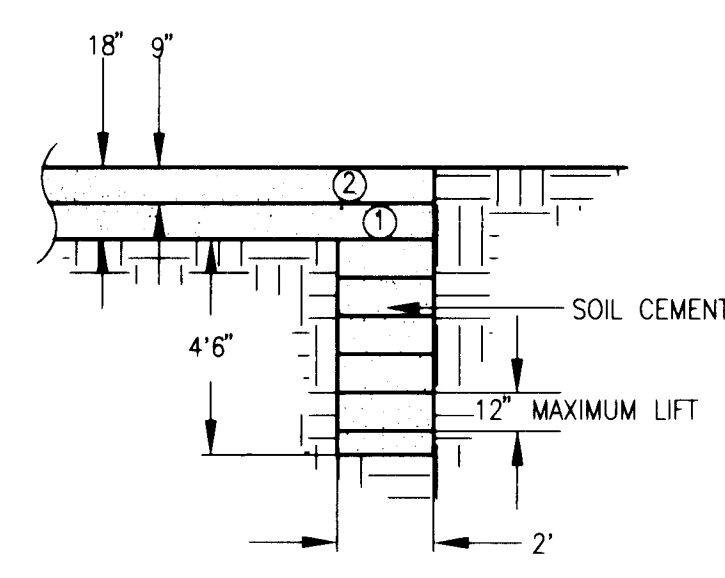
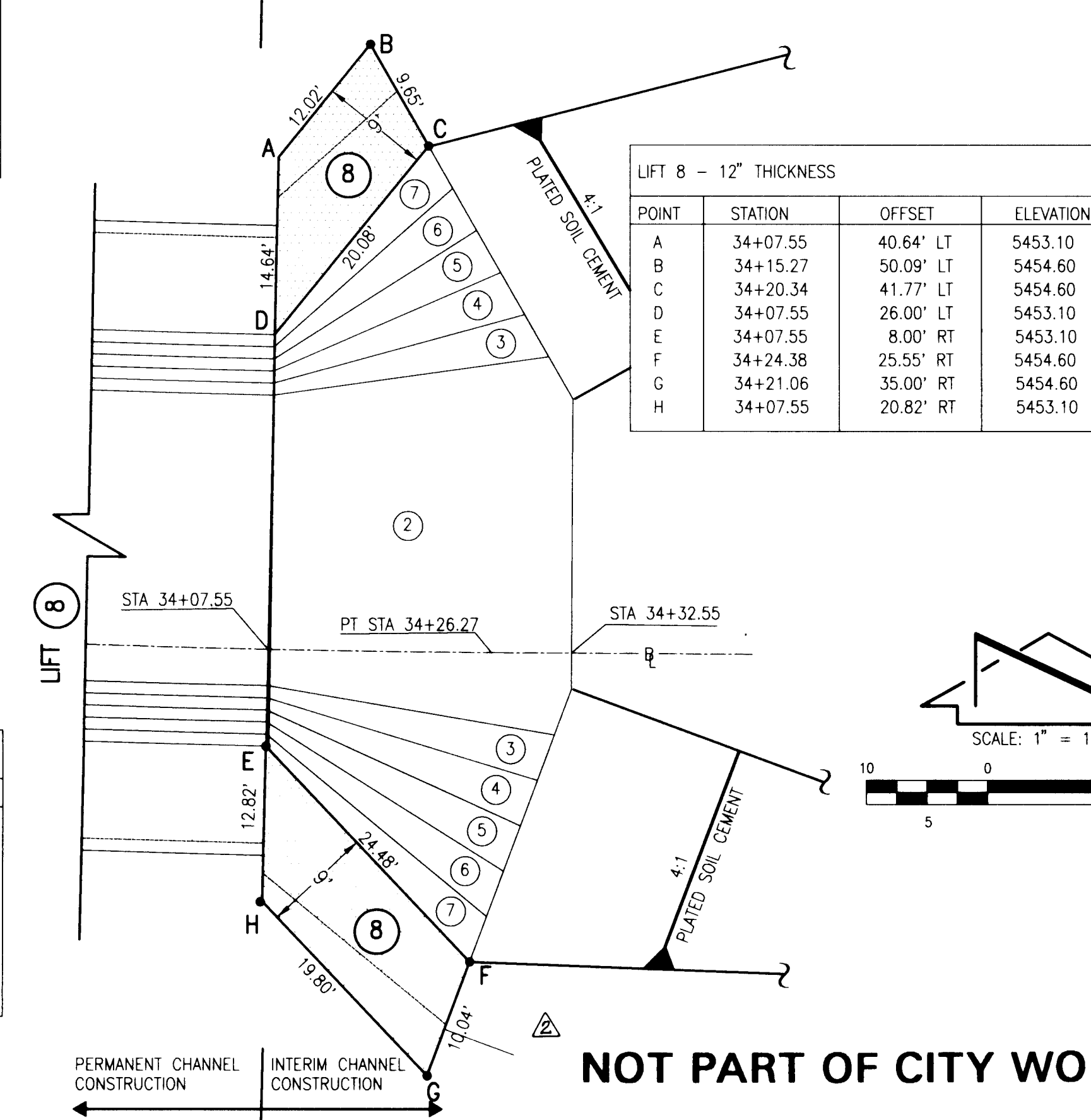
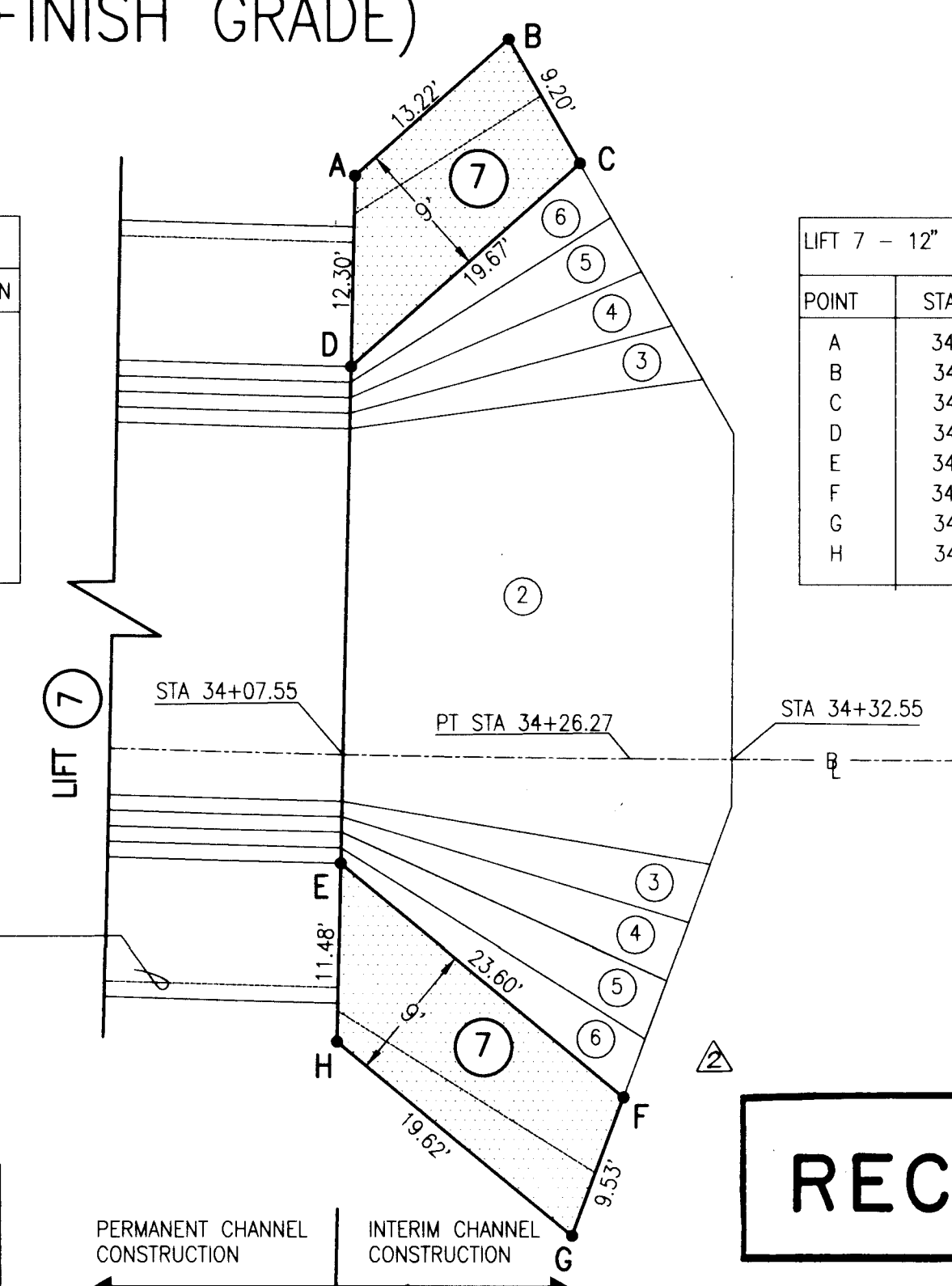
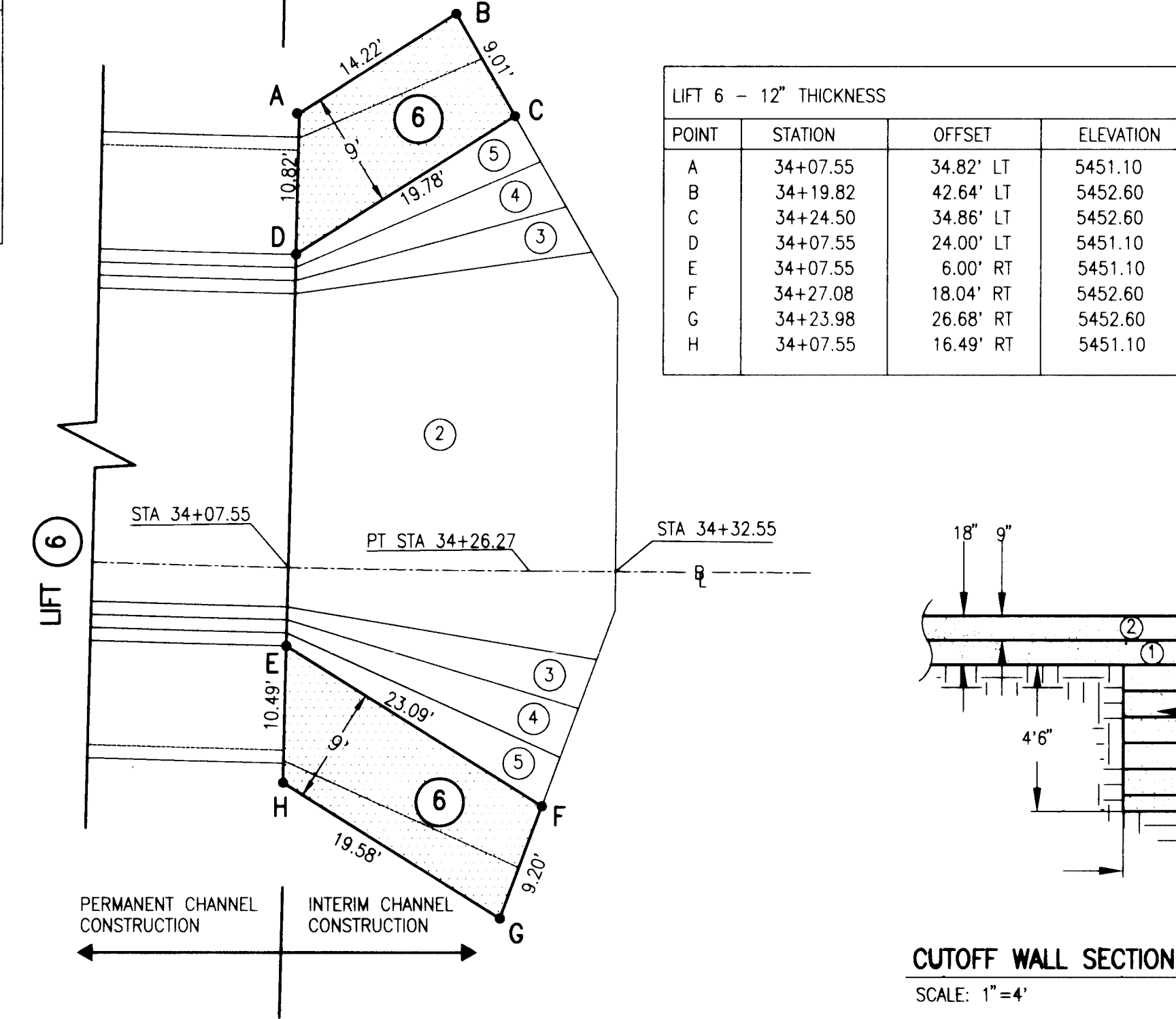
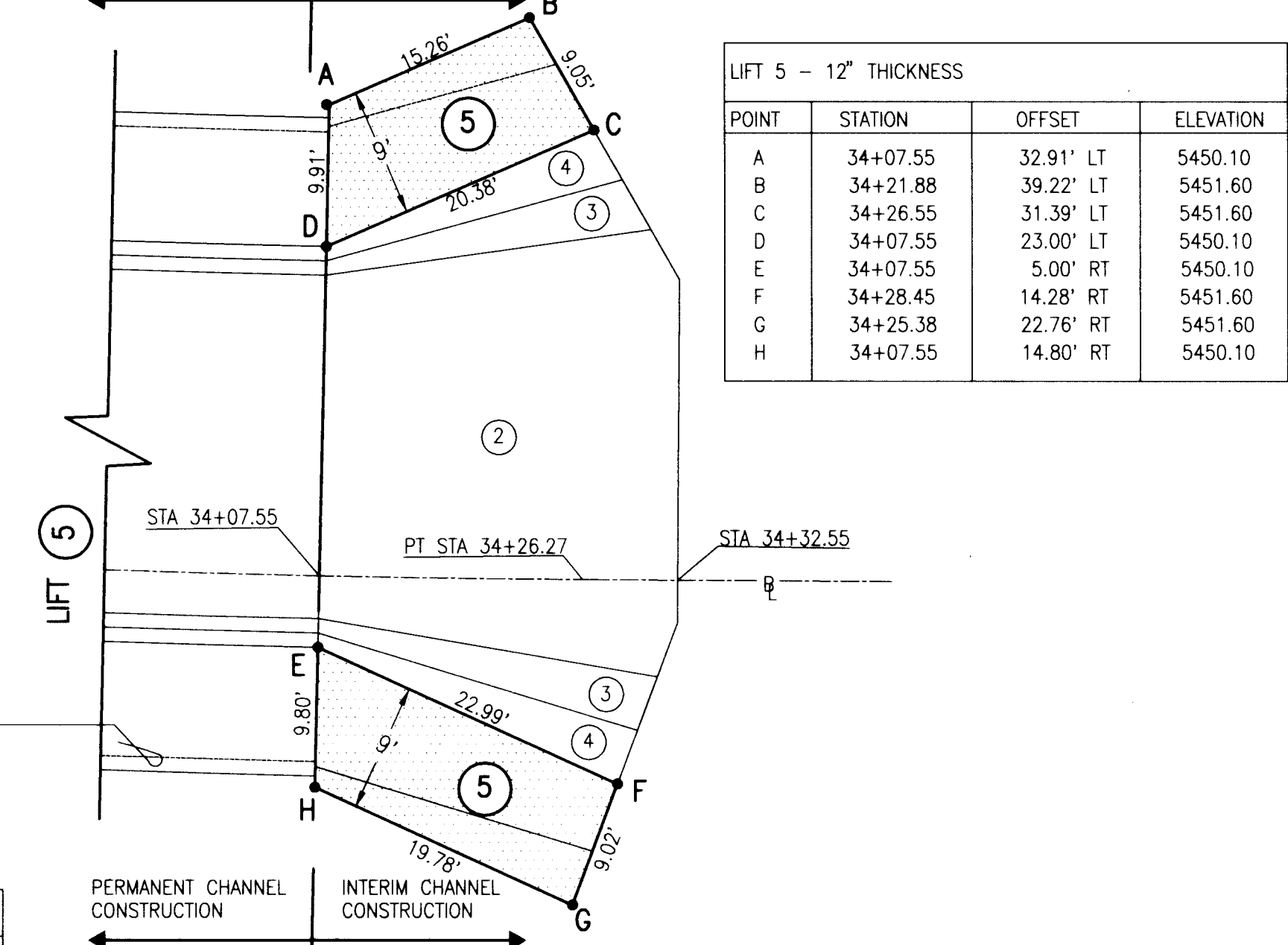
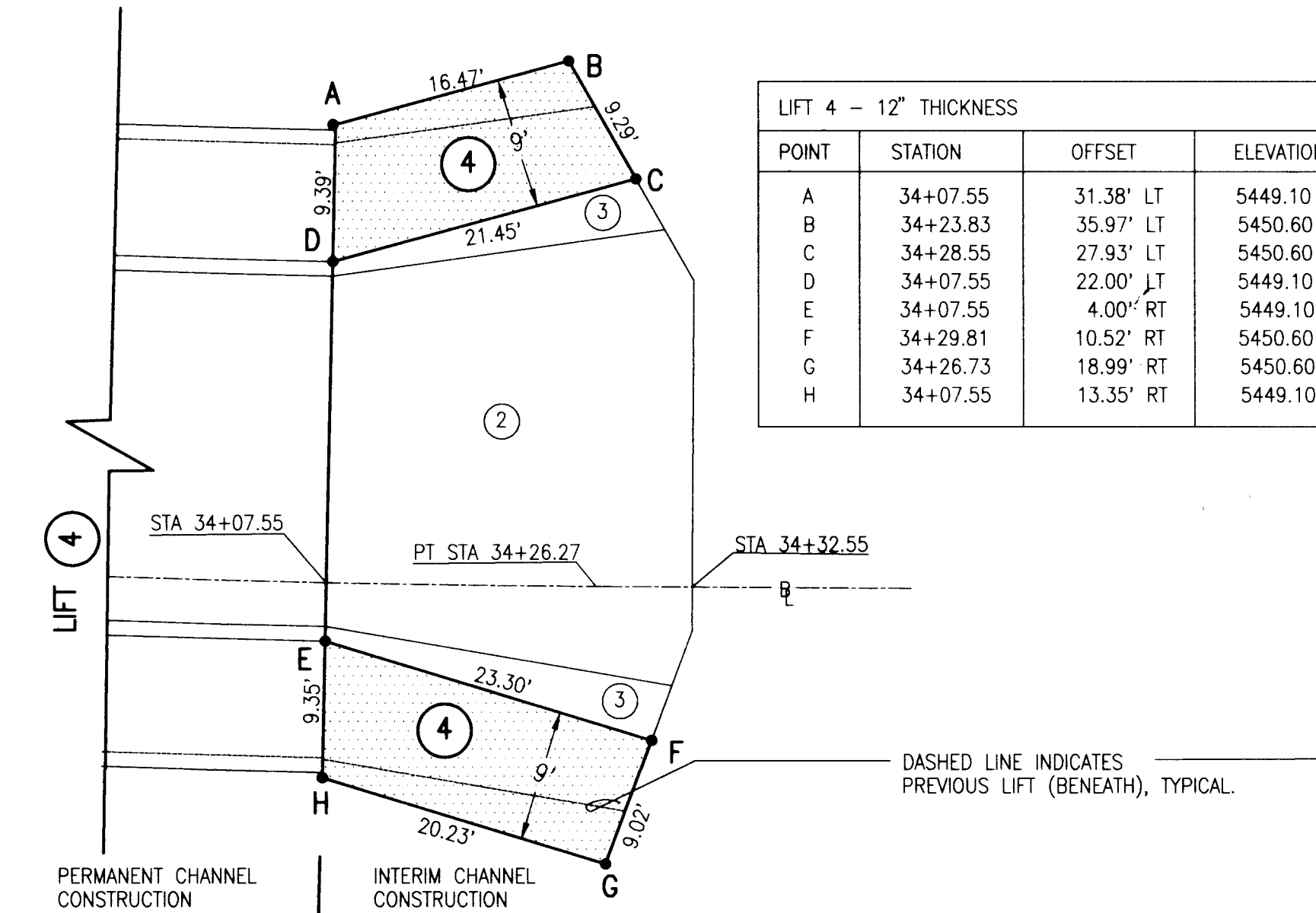
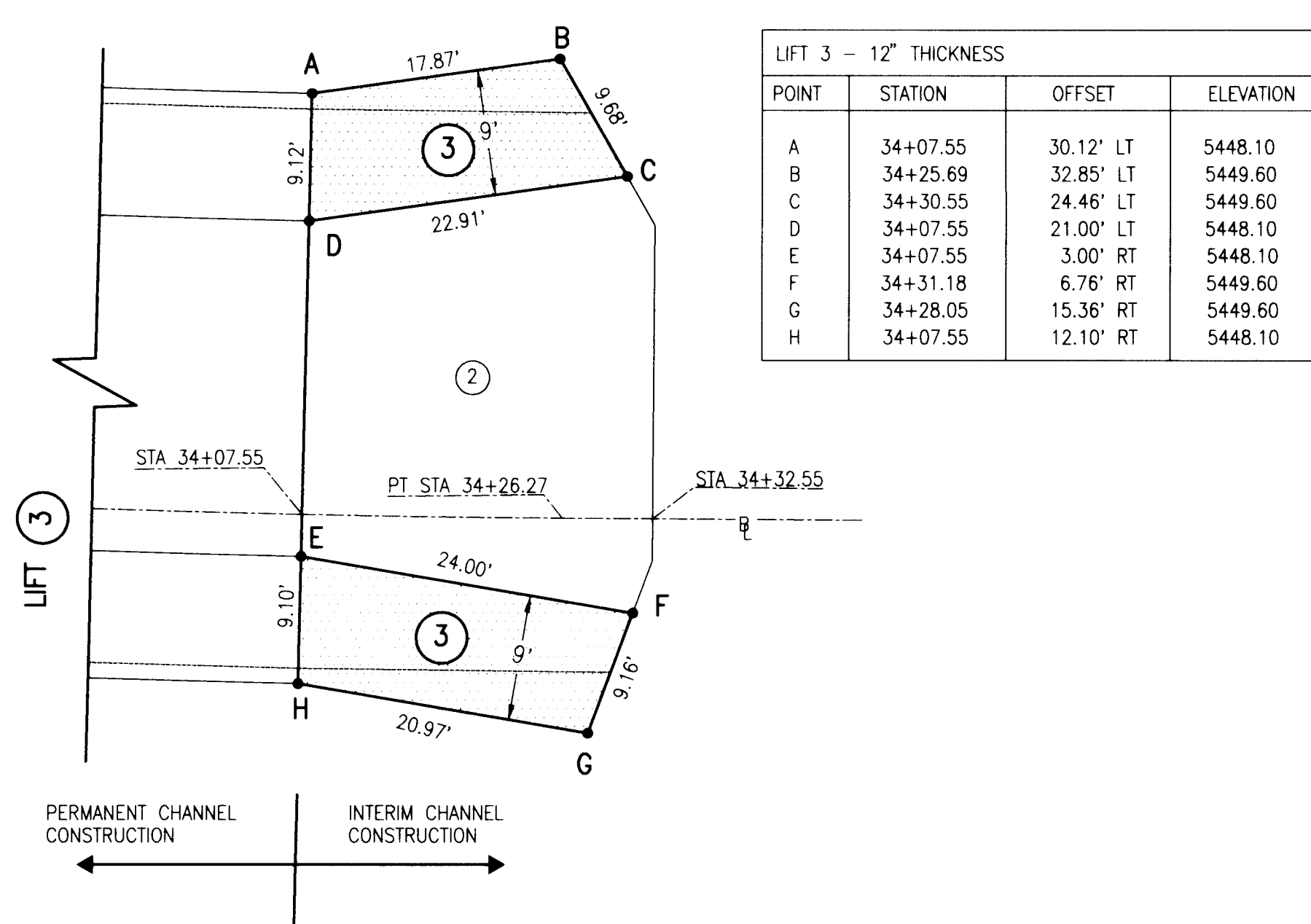
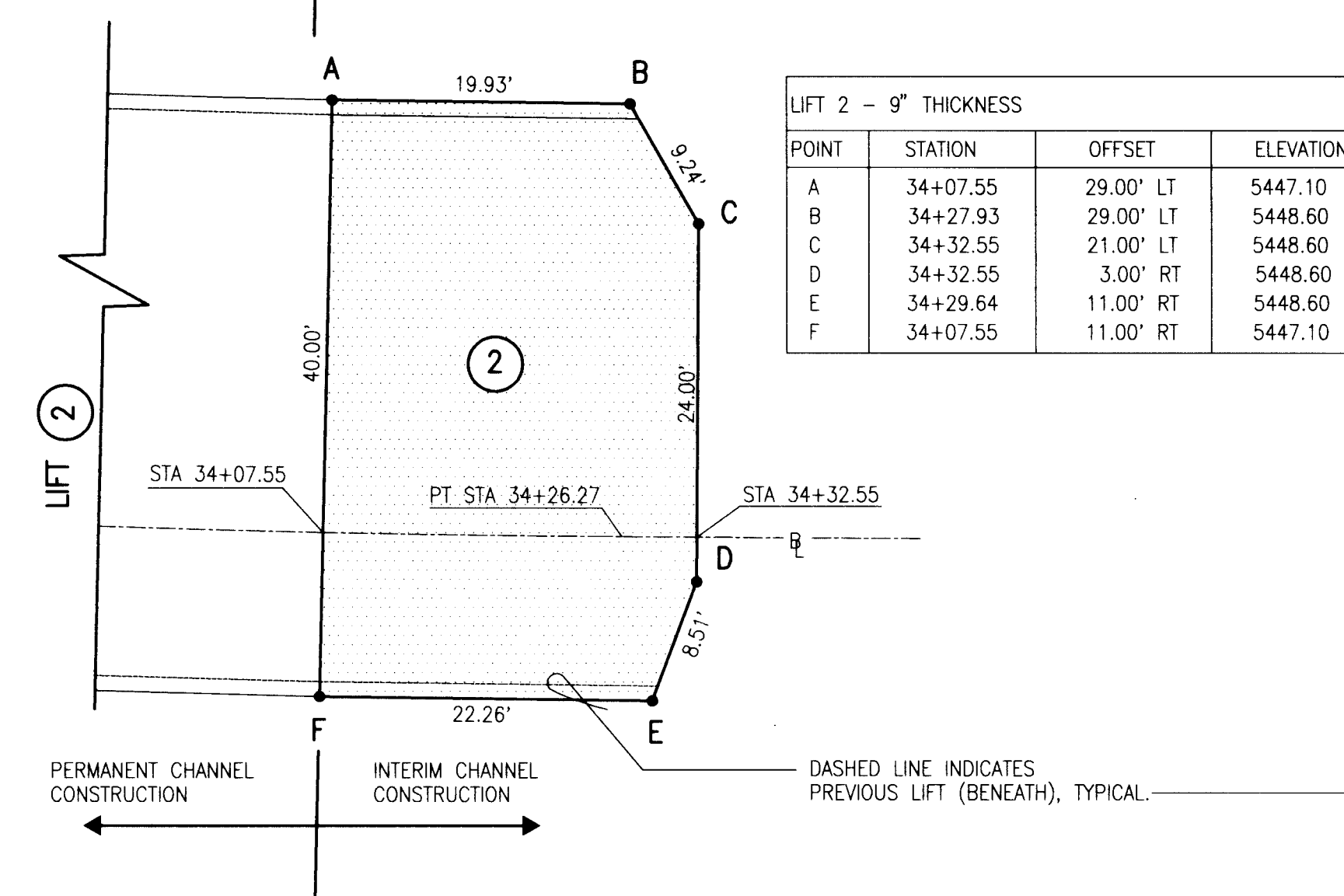
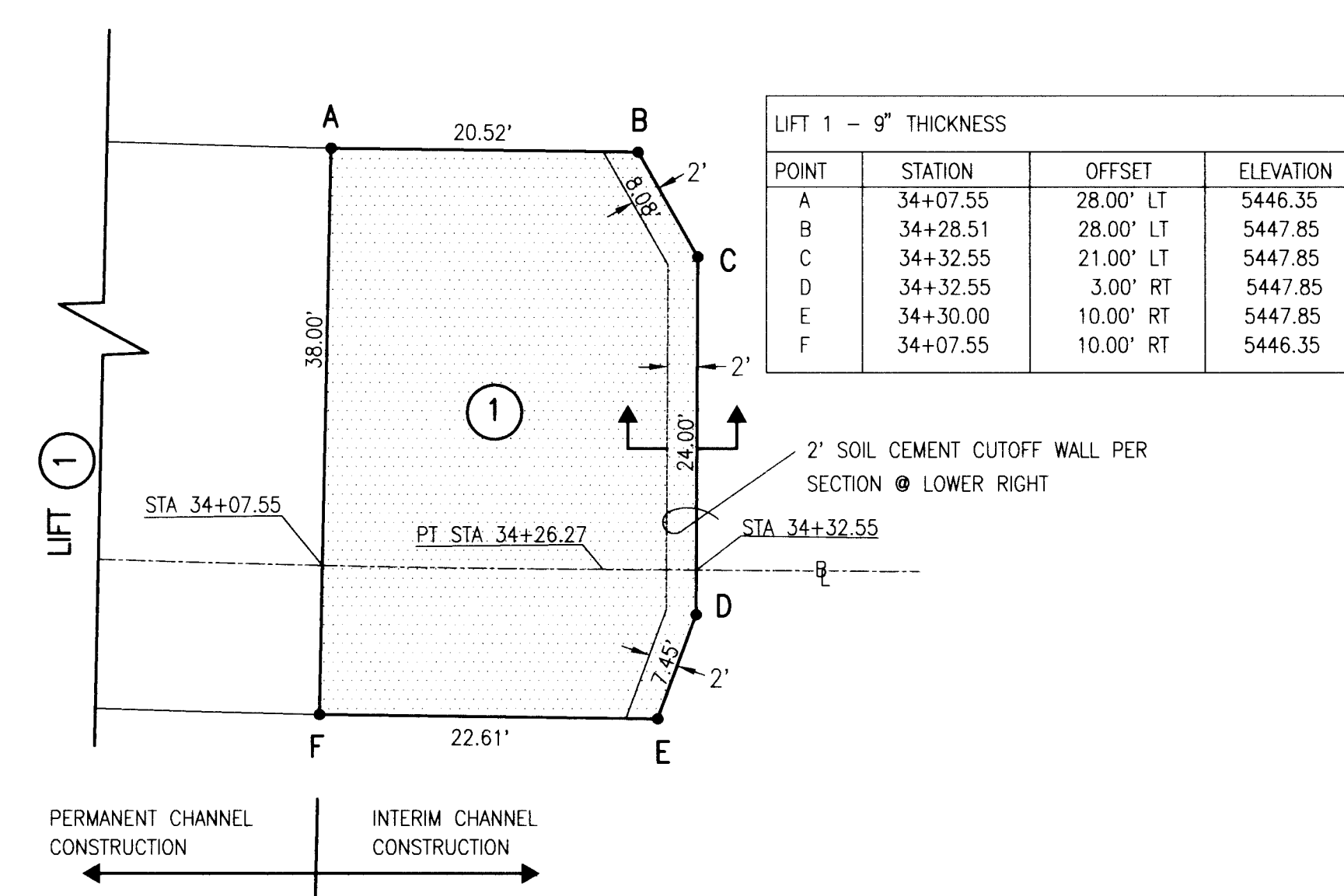
ENGINEER'S SEAL	
01/98 RECORD DRAWING	
G.M.	

REMARKS	
Revisions	DESIGN
NO.	DATE
Designed By	Date
Drawn By	Date
Checked By	Date
G.M.	04-97
D.L.M.	04-97
J.G.M.	08-97

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: NORTH DOMINGO BACA ARROYO WINDOW G SOIL CEMENT CHANNEL INTERIM CHANNEL ENLARGED SITE PLAN	
Design Review Committee	City Engineer Approval
SEP - 8 1997	
City Project No.	Zone Map No.
940951	572982
	C-19
	Sheet 19 of 27

970625

NOTE: STATIONING SHOWN HEREON IS BASED UPON CONSTRUCTION BASELINE UNLESS OTHERWISE NOTED
ELEVATIONS SHOWN HEREON ARE MEASURED TO TOP OF LIFT (FINISH GRADE)



RECORD DRAWING

NOT PART OF CITY WORK ORDER



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6800 N. HIGHWAY PARK BLVD. N.E.
ALBUQUERQUE, N.M. 87109
ENGINEERS & SURVEYORS (505) 345-4250

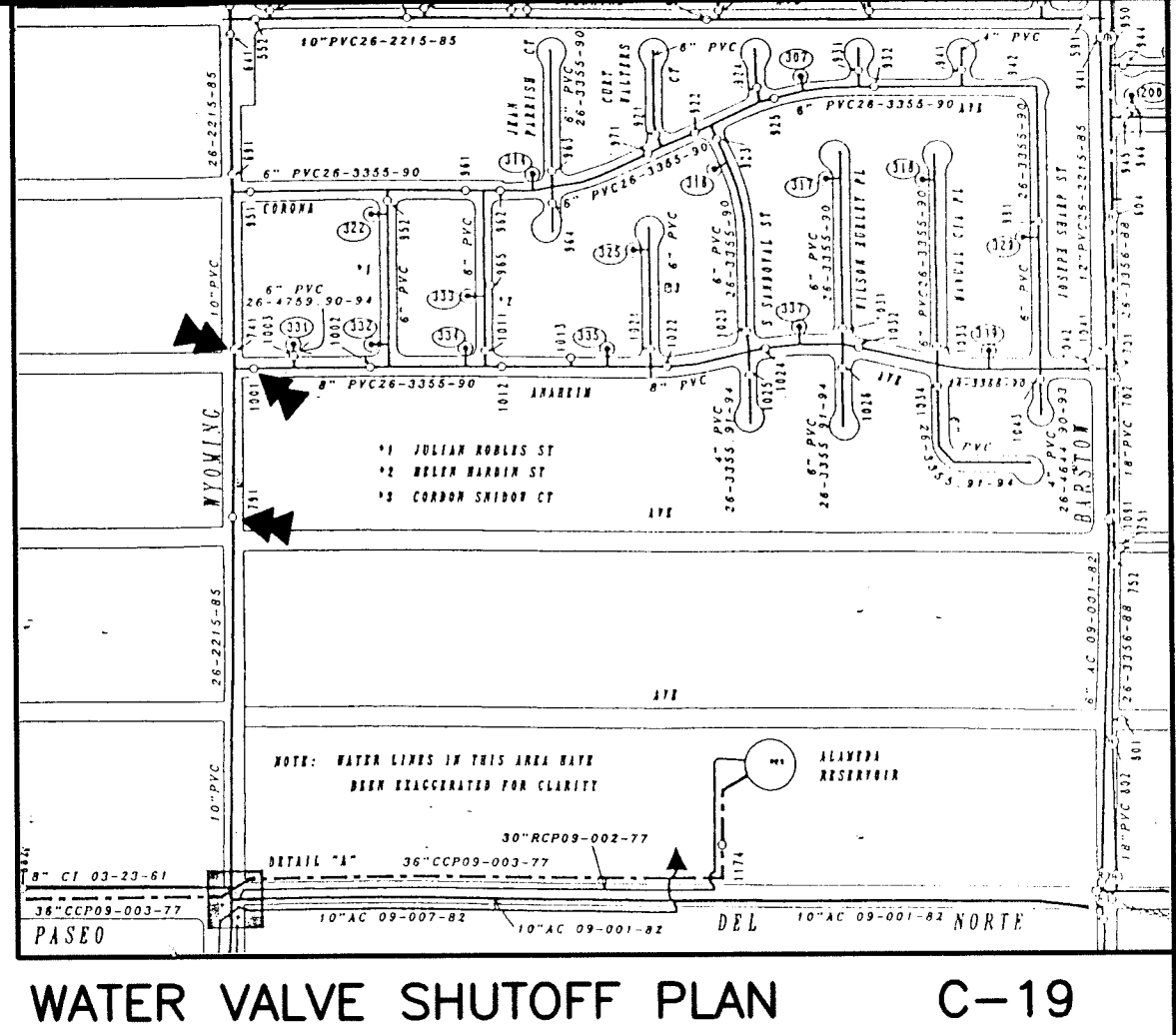
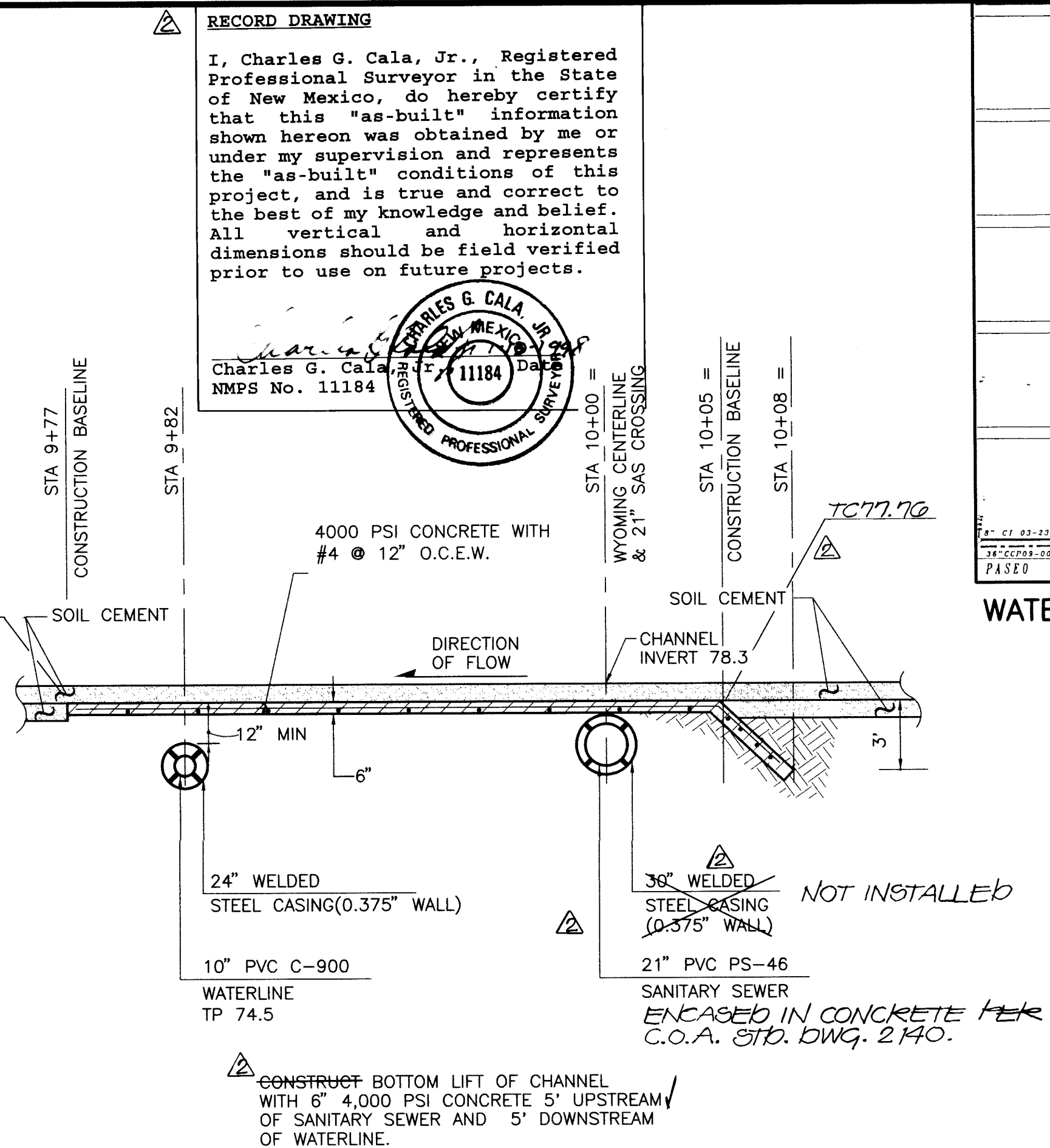
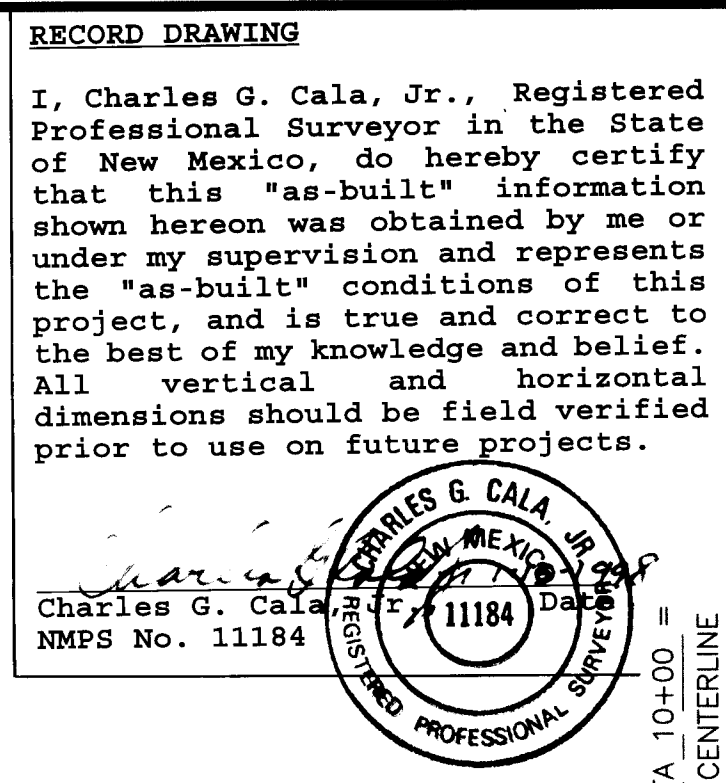
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: NORTH DOMINGO BACA ARROYO WINDOW G SOIL CEMENT CHANNEL INTERIM INLET STRUCTURE DETAILS			
Design Review Committee	City Engineer Approval	City Project No.	Zone Map No.
SFP - R 10-17		572982	C-19
Drawn By	Checked By	Sheet	20 of 27
J.M.	J.M.		

AS BUILT INFORMATION			
CONTRACTOR	DATE	BY	DATE
CITY OF ALBUQUERQUE	8/96	J.M.A.	

SURVEY INFORMATION			
NO.	DATE	BY	REMARKS
940953	8/96	J.M.A.	

ENGINEER'S SEAL			
NO.	DATE	BY	REMARKS
	08-97	J.M.	
	08-97	J.M.	
	08-97	J.M.	

MICRO-FILM INFORMATION			
NO.	DATE	BY	REMARKS



- WATER VALVE SHUTOFF PLAN REQUIREMENTS:
1. AS A MINIMUM, THE FOLLOWING SHALL BE CLOSED TO FACILITATE THE PROPOSED CONNECTION:

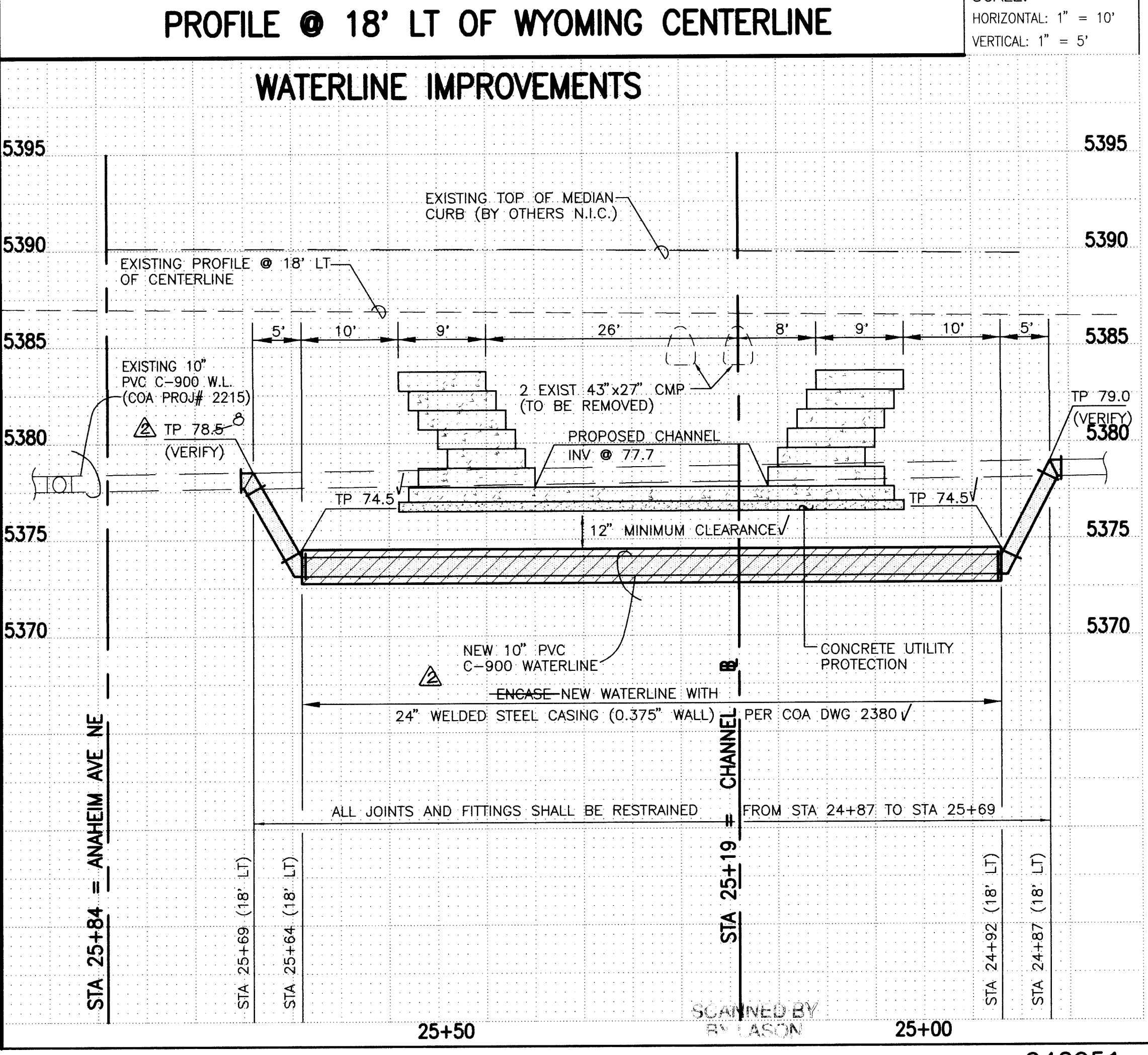
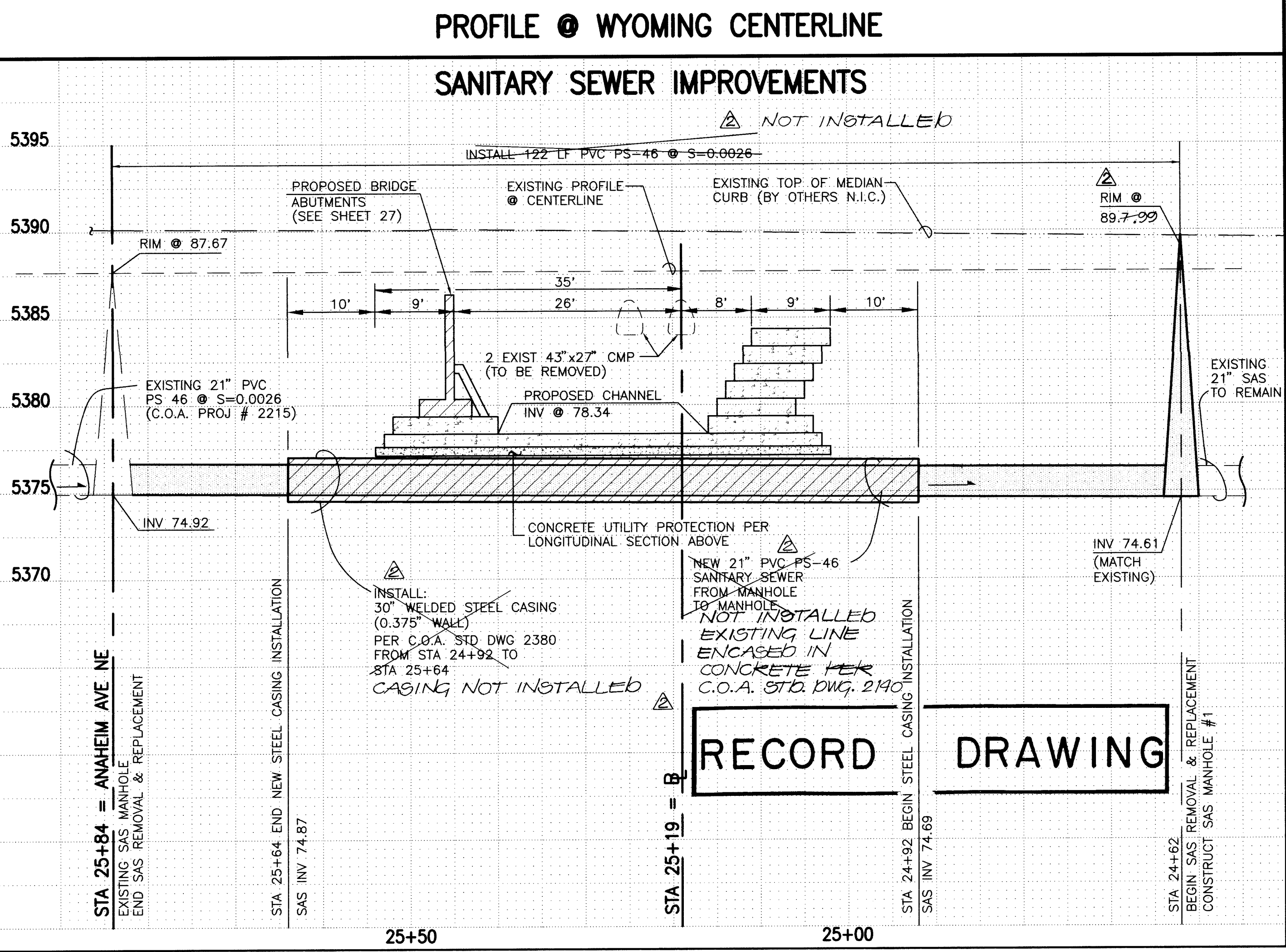
791, 741, 1001
 2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING WATERLINE; ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEM DIVISION PERSONNEL (857-8200).
 3. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.
 4. EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM CITY OF ALBUQUERQUE FACILITIES MAP C-19.
 5. AT THE TIME OF WATER SHUTOFF APPLICATION, THE CONTRACTOR SHALL REQUEST THAT THE WATER SYSTEM DIVISION NOTIFY ALL AFFECTED PROPERTY OWNERS AT LEAST 24 HOURS IN ADVANCE OF THE RESPECTIVE SHUTOFFS.

WATERLINE CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC 12-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3. FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
4. WATERLINE SHALL HAVE A MINIMUM COVER OF 30" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
7. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
8. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
9. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
10. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED.

SANITARY SEWER CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
2. ALL SEWER PIPE SHALL BE PVC (PS-46).
3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
4. ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE 'E' AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED. MANHOLE STEPS SHALL BE DELETED FROM THIS CONTRACT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING,
7. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST. THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.



SCALE:
HORIZONTAL: 1" = 10'
VERTICAL: 1" = 5'



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☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250

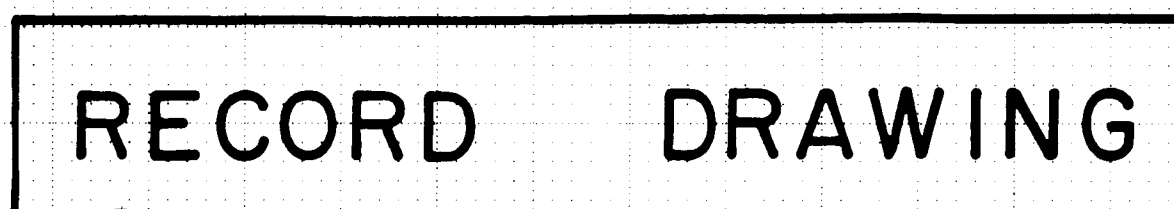
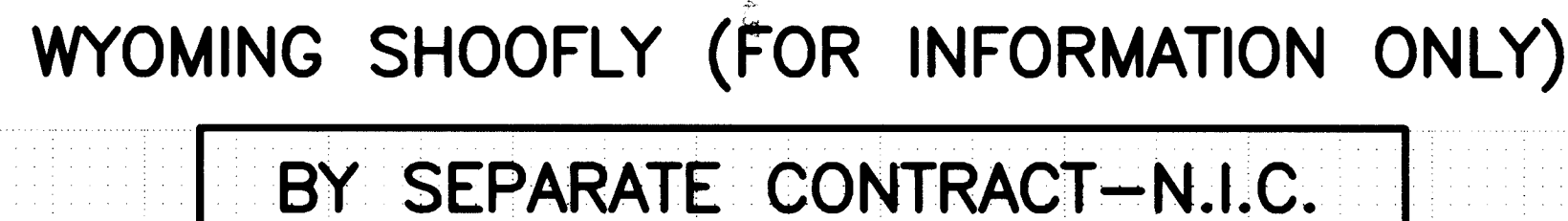
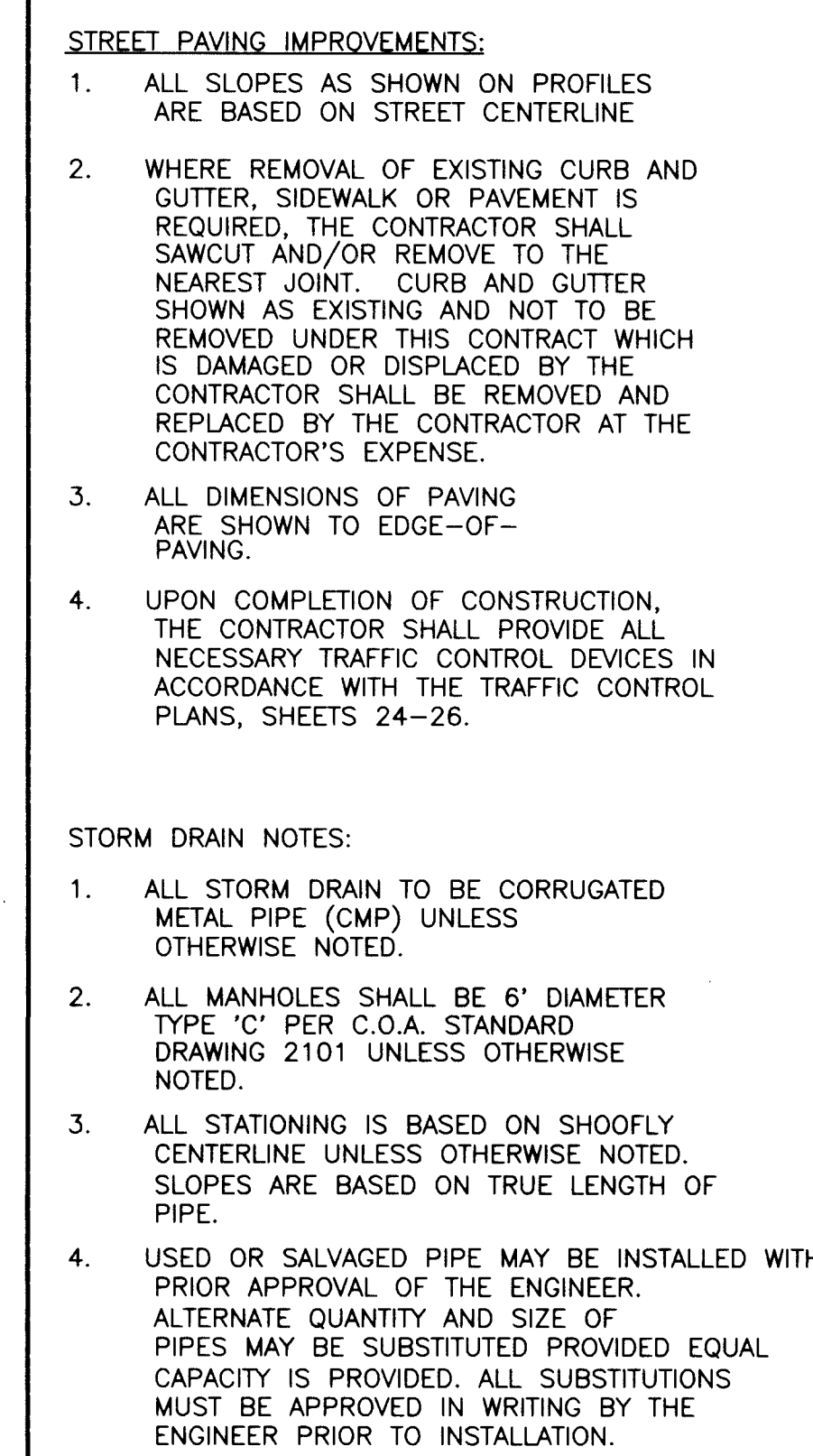
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: NORTH DOMINGO BACA ARROYO
WINDOW G SOIL CEMENT CHANNEL
WATER AND SANITARY SEWER IMPROVEMENTS

Design Review Committee	City Engineer Approval	Last Design Update
SEP - 11-10-10		
DESIGN REVIEW COMMITTEE		

City Project No.	572982	Zone Map No.	C-19	Sheet	Of	21	27
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970625



NOT PART OF CITY WORK ORDER

TOP OF ASPHALT
ELEVATION @ CENTERLINE

940951

970625

HYDRAULIC CALCULATIONS:

$Q_{10} = 240 \text{ cfs}$
 $D = 36" = 3' - 0"$
 $INV \ 36" \text{ CMP} = 73.80$
 $LOW \ POINT \ IN \ ROAD = 78.31$
 $HW = 78.31 - 74.00 = 4.31 \text{ FT}$
 $HW/D = 4.31/3.00 = 1.50$
USING STEEL HANDBOOK F.H.W.A. HEC-5 NOMOGRAPH,
 $Q_{36} = 50cfs \times 5 \text{ PIPES} = 250cfs > Q_{10}$



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: NORTH DOMINGO BACA ARROYO
WINDOW G SOIL CEMENT CHANNEL
LA CUEVA VILLAGE SHOOFLY (BY SEPARATE CONTRACT)

Design Review Committee

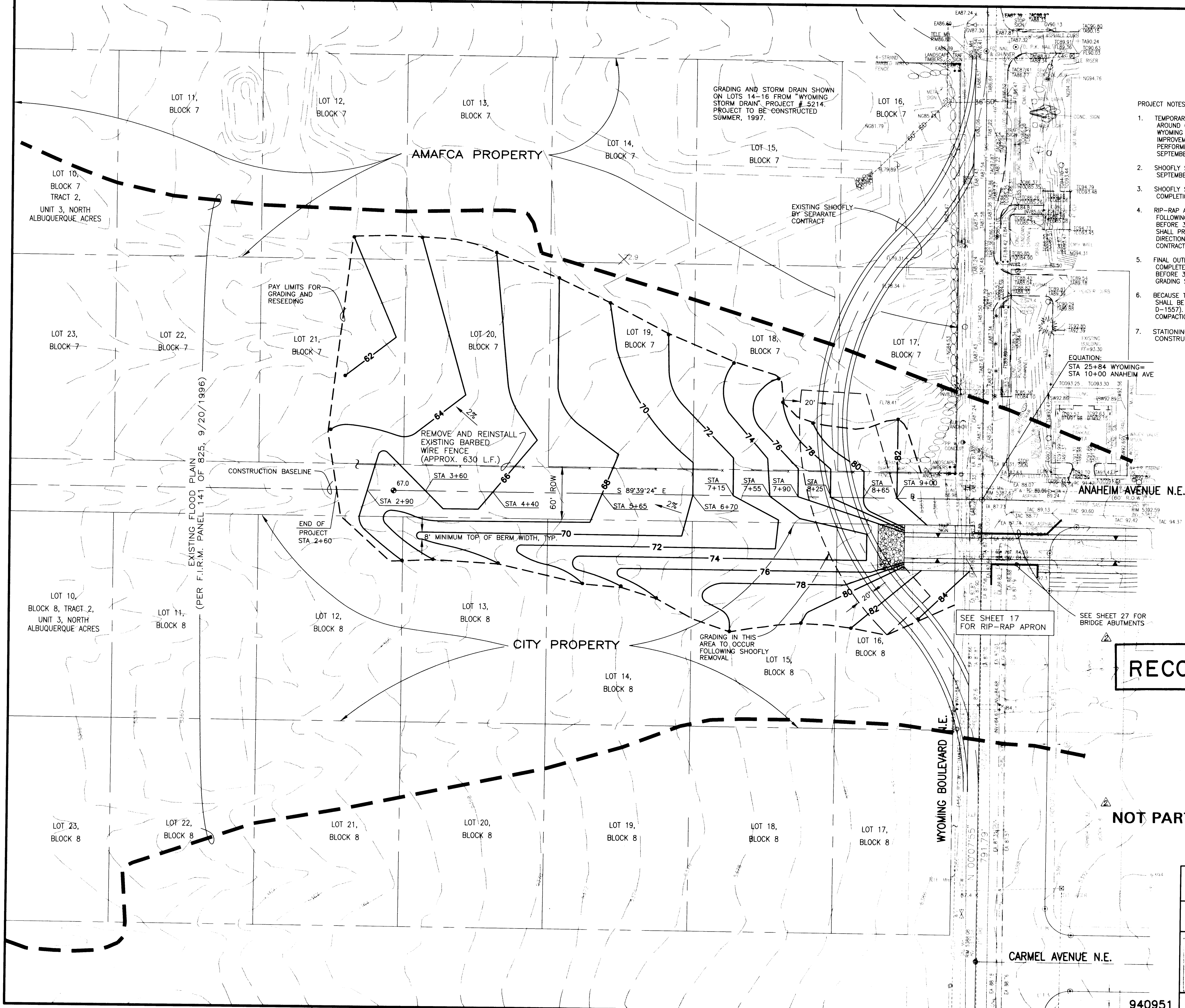
SEP - 8 1997

DESIGN REVIEW COMMITTEE

City Engineer Approval

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

City Project No.	572982	Zone Map No.	C-19	Sheet	Of	23	27
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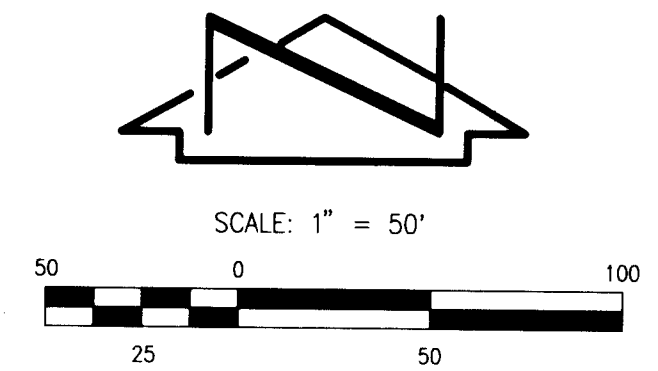


NOTE: TOPOGRAPHIC DATA WEST OF WYOMING BLVD. N.E. SHOWN HEREON TAKEN FROM "ORTHOPHOTO/TOPOGRAPHIC MAP OF DOMINGO BACA ARROYO DRAINAGE, MAY, 1990, MAP C-19" BY R.T.I. AND K & P.

- PROJECT NOTES:
1. TEMPORARY SHOOFLY (SHEET 23) WILL DIVERT WYOMING TRAFFIC AROUND CONSTRUCTION AREA DURING CHANNEL PROJECT DURATION AND WYOMING BOULEVARD IMPROVEMENTS CONSTRUCTION. WYOMING IMPROVEMENTS AND CONSTRUCTION/REMOVAL OF SHOOFLY TO BE PERFORMED BY SEPARATE CONTRACT. SHOOFLY TO BE IN PLACE BY SEPTEMBER 15, 1997.
 2. SHOOFLY SHALL BE CONSTRUCTED BY SEPARATE CONTRACT PRIOR TO SEPTEMBER 15, 1997.
 3. SHOOFLY SHALL BE REMOVED BY SEPARATE CONTRACT FOLLOWING COMPLETION OF WYOMING BOULEVARD IMPROVEMENTS.
 4. RIP-RAP APRON (SHEET 17) SHALL BE CONSTRUCTED IMMEDIATELY FOLLOWING REMOVAL OF SHOOFLY. IF SHOOFLY IS NOT REMOVED BEFORE 30 DAYS PRIOR TO PROJECT COMPLETION DATE, CONTRACTOR SHALL PROVIDE AND STOCKPILE RIP-RAP AT PROJECT MANAGER'S DIRECTION IN LIEU OF INSTALLATION. NO CHANGE IN CONTRACT IN CONTRACT PRICE SHALL BE MADE.
 5. FINAL OUTLET GRADING (SHEET 22) SHALL BE PERFORMED AND COMPLETED AFTER REMOVAL OF SHOOFLY. IF SHOOFLY IS NOT REMOVED BEFORE 30 DAYS PRIOR TO PROJECT COMPLETION DATE, FINAL OUTLET GRADING SHALL BE DELETED FROM THE CONTRACT.
 6. BECAUSE THIS PROJECT LIES WITHIN EXISTING FLOODPLAIN, ALL FILL SHALL BE COMPACTED TO A MINIMUM DRY DENSITY OF 95% (A.S.T.M. D-1557). REFER TO PROJECT SPECIFICATIONS FOR SPECIFIC COMPACTION REQUIREMENTS.
 7. STATIONING SHOWN HEREON IS BASED UPON CONSTRUCTION BASELINE AS SHOWN.

EQUATION:
STA 25+84 WYOMING =
STA 10+00 ANAHEIM AVE

RECORD DRAWING




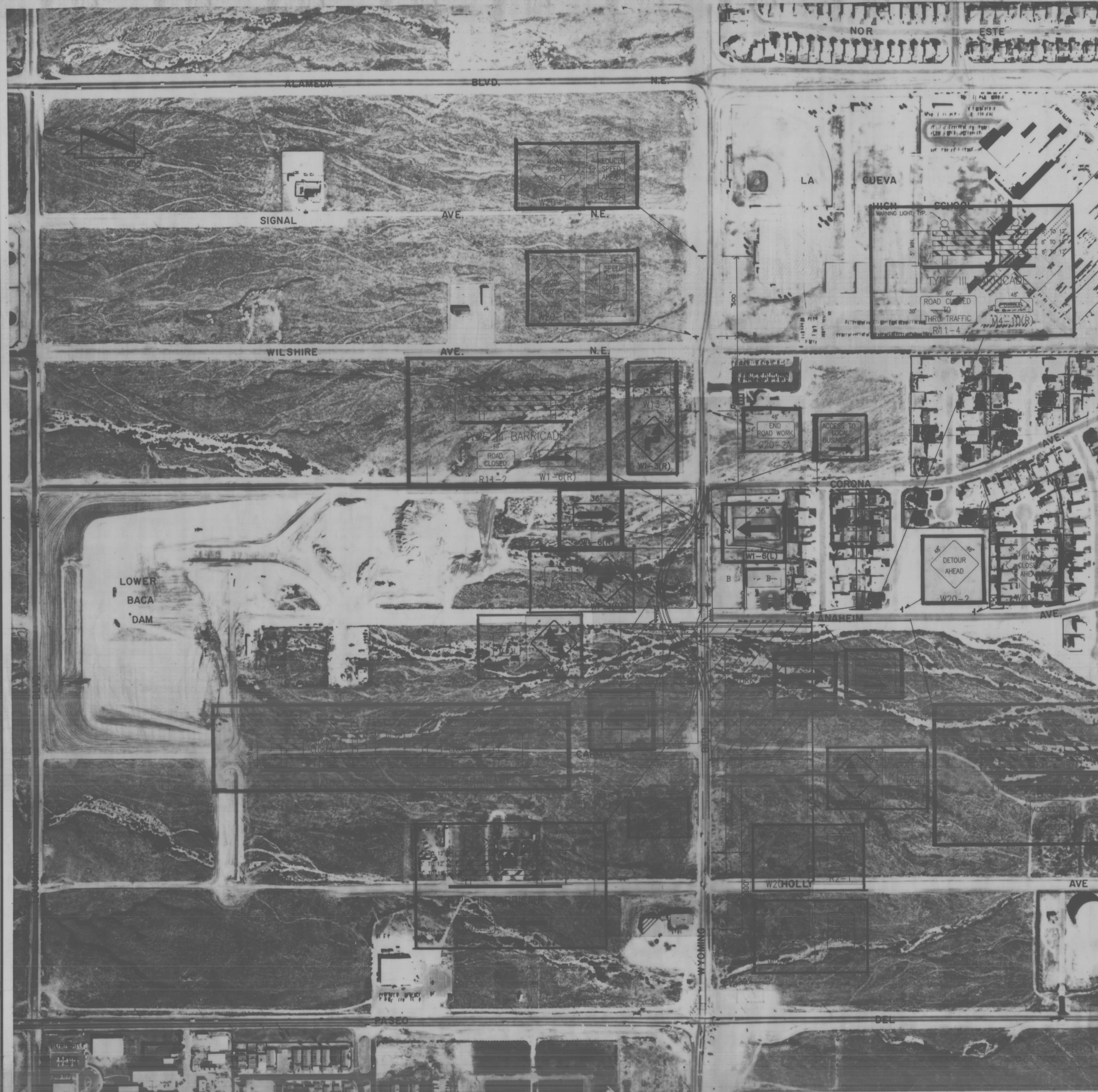
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: NORTH DOMINGO BACA ARROYO WINDOW & SOIL CEMENT CHANNEL CHANNEL OUTLET GRADING			
Design Review Committee	City Engineer Approval	Mr./Mrs./Mr.	Mr./Mrs./Mr.
SEP - 8 1997			
City Project No.	Zone Map No.	Sheet	
940951	572982	C-19	22 of 27
970625			

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION				ENGINEER'S SEAL		REMARKS		DATE		BY		NO.		FIELD NOTES		DATE		CONTRACTOR	
		CITY OF ALBUQUERQUE BENCH MARK "HEAVEN", A STANDARD																		USC AND GS BRASS TABLET STAMPED "HEAVEN", SET		CONTRACTOR	
		IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND																		IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND		WORK STAMPED BY	
		LOCATED AT THE ENTRANCE TO THE "GATE OF HEAVEN"																		LOCATED AT THE ENTRANCE TO THE "GATE OF HEAVEN"		ACCEPTANCE BY	
		CEMETERY 0.15 MILES WEST OF THE INTERSECTION OF PASEO																		CEMETERY 0.15 MILES WEST OF THE INTERSECTION OF PASEO		FIELD VERIFICATION BY	
		DEL NORTE N.E. AND WYOMING BOULEVARD N.E. STATION																		DEL NORTE N.E. AND WYOMING BOULEVARD N.E. STATION		DRAWING CORRECTED BY	
MICRO-FILM INFORMATION		IS ON THE SOUTH SIDE OF PASEO DEL NORTE.																		IS ON THE SOUTH SIDE OF PASEO DEL NORTE.		RECORDED BY	
		ELEVATION = 5378.78 FEET (M.S.L.D.)																		ELEVATION = 5378.78 FEET (M.S.L.D.)		NO.	

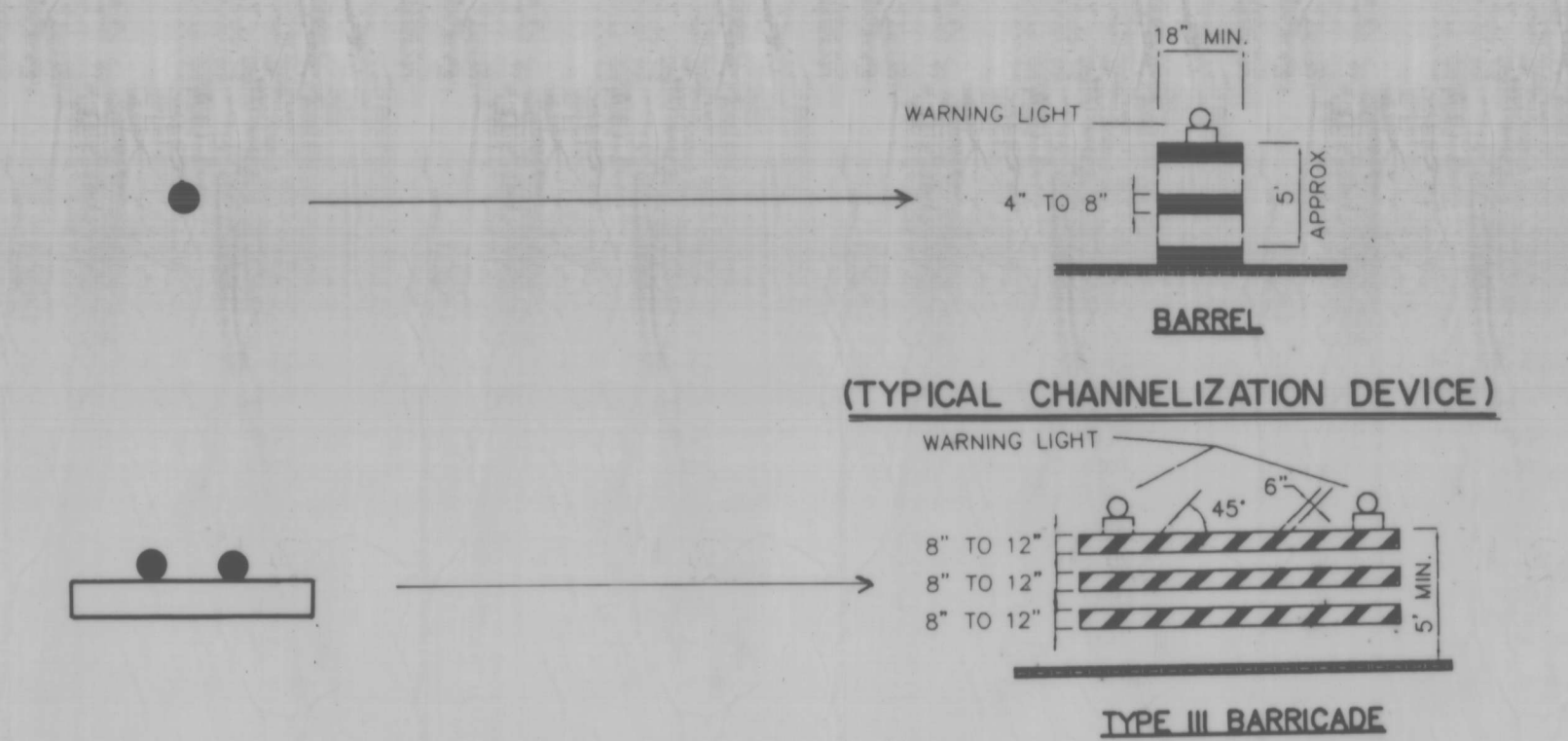


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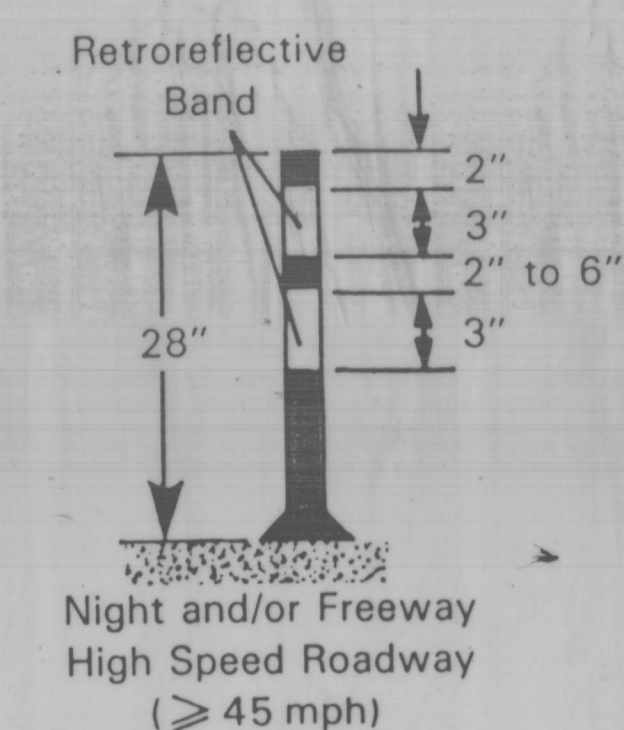
1. ALL CONFLICTING PAVEMENT MARKINGS MUST BE OBLITERATED PRIOR TO SHIFTING TRAFFIC.
2. TUBULAR MARKERS SHALL BE INSTALLED ON WYOMING DETOUR CENTERLINE AT 25 FOOT SPACING.
3. CONTRACTOR SHALL CONTACT AFFECTED BUSINESS OWNERS AND HOMES 24 HOURS PRIOR TO IMPLEMENTATION OF TRAFFIC CONTROL PLAN. REFER TO NOTE 19 ON THE FOLLOWING SHEET.
4. ALL ADVANCE WARNING SIGNS SHALL BE MOUNTED ON PERMANENT POSTS. REFER TO FIGURE VI-5, (URBAN DISTRICT), OF PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 1988 EDITION, REVISION 3, SEPTEMBER 3, 1993.
5. MUTCD REFERENCE DETAILS ARE TA-7 AND TA20, PART VI, MUTCD 1988 EDITION, REVISION 3, SEPTEMBER 3, 1993.
6. REFER TO SHEET 2 FOR TEMPORARY DETOUR (SHOOFLY) PLAN, PROFILE AND SECTION.

RECORD DRAWING

LEGEND



- A → A.M.A.F.C.A. PROPERTY
- B → LOCAL BUSINESS (CONTRACTOR TO PROVIDE ACCESS)
- C → CITY OF ALBUQUERQUE PROPERTY



FOR INFORMATION ONLY

CONSTRUCTION AND MAINTENANCE OF SHOOFLY AND T.C.P. BY OTHERS
N.I.C.

SCANNED BY LASON

940951

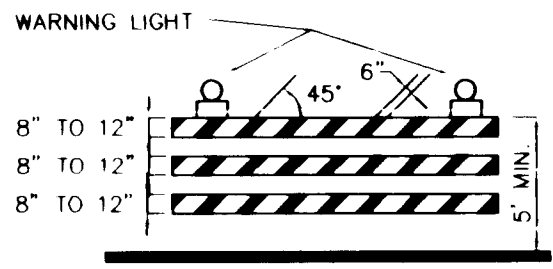
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: NORTH DOMINGO BACA ARROYO LA CUEVA VILLAGE SHOOFLY WYOMING BLVD. N.E. TRAFFIC CONTROL PLAN	
Design Review Committee	City Engineer Approval
City Project No. 572982	Zone Map No. C-19
Sheet 24	Of 27

BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		RECORD DRAWING		NO. DATE		REVISIONS		DESIGN		DATE		CHECKED BY	
CITY OF ALBUQUERQUE BENCH MARK "HEAVEN". A STANDARD USC AND GS BRASS TABLET STAMPED "HEAVEN 1969", SET IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND LOCATED AT THE ENTRANCE TO THE "GATE OF HEAVEN" CEMETERY 0.15 MILES WEST OF THE INTERSECTION OF PASO DEL NORTE N.E. AND WYOMING BOULEVARD N.E. STATION IS ON THE SOUTH SIDE OF PASO DEL NORTE. ELEVATION = 5378.78 FEET (M.S.L.D.)		DATE 10/94 BY JMA		NO. 940951		G.M.		BY		REMARKS		DESIGN		DATE		CHECKED BY	

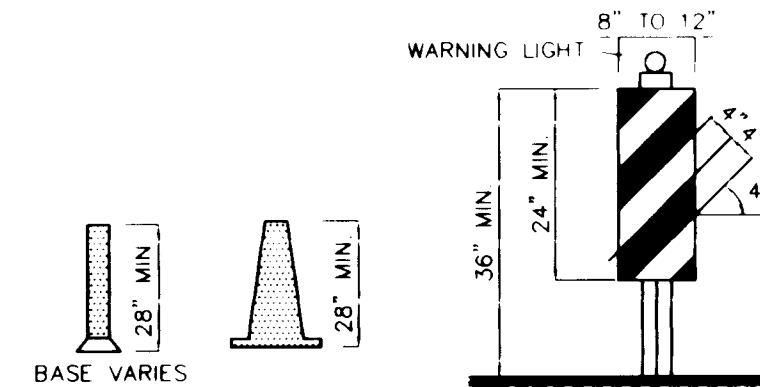
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CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

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/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.
4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.
5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.
6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.
7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.
8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.
9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.
10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.
11. ~~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 TRAVELLED 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.



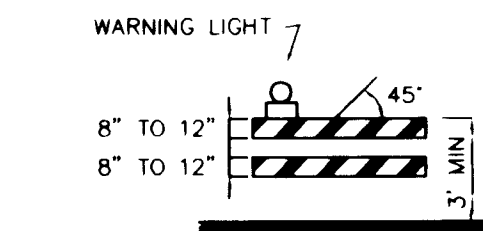
TYPE III BARRICADE



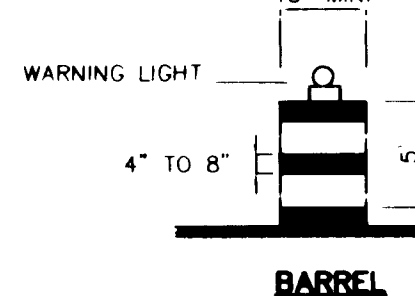
TYPE II BARRICADE

CONES

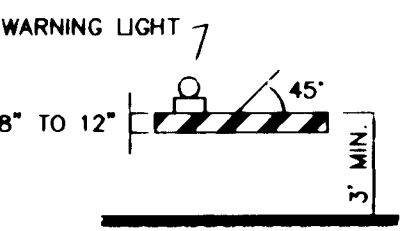
HIGH LEVEL WARNING DEVICE



TYPE I BARRICADE



TYPE II BARRICADE



TYPE I BARRICADE

- LEGEND**
- WORK AREA
 - BARRICADE - TYPE I, TYPE II, OR BARREL
 - BARRICADE - TYPE III
 - VERTICAL PANEL
 - WARNING SIGN
 - DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
 - FLAGMAN POSITION
 - SPACING BETWEEN BARRICADES- A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
 - 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)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET	
	BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
35-40	10 X SPEED LIMIT	10 X SPEED LIMIT
45-50	10 X SPEED LIMIT	10 X SPEED LIMIT
55-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UP-STREAM TAPER	1 MINIMUM
MIXING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TAPER	100 FEET MAXIMUM
DOWN-STREAM TAPER	100 FEET PER LANE

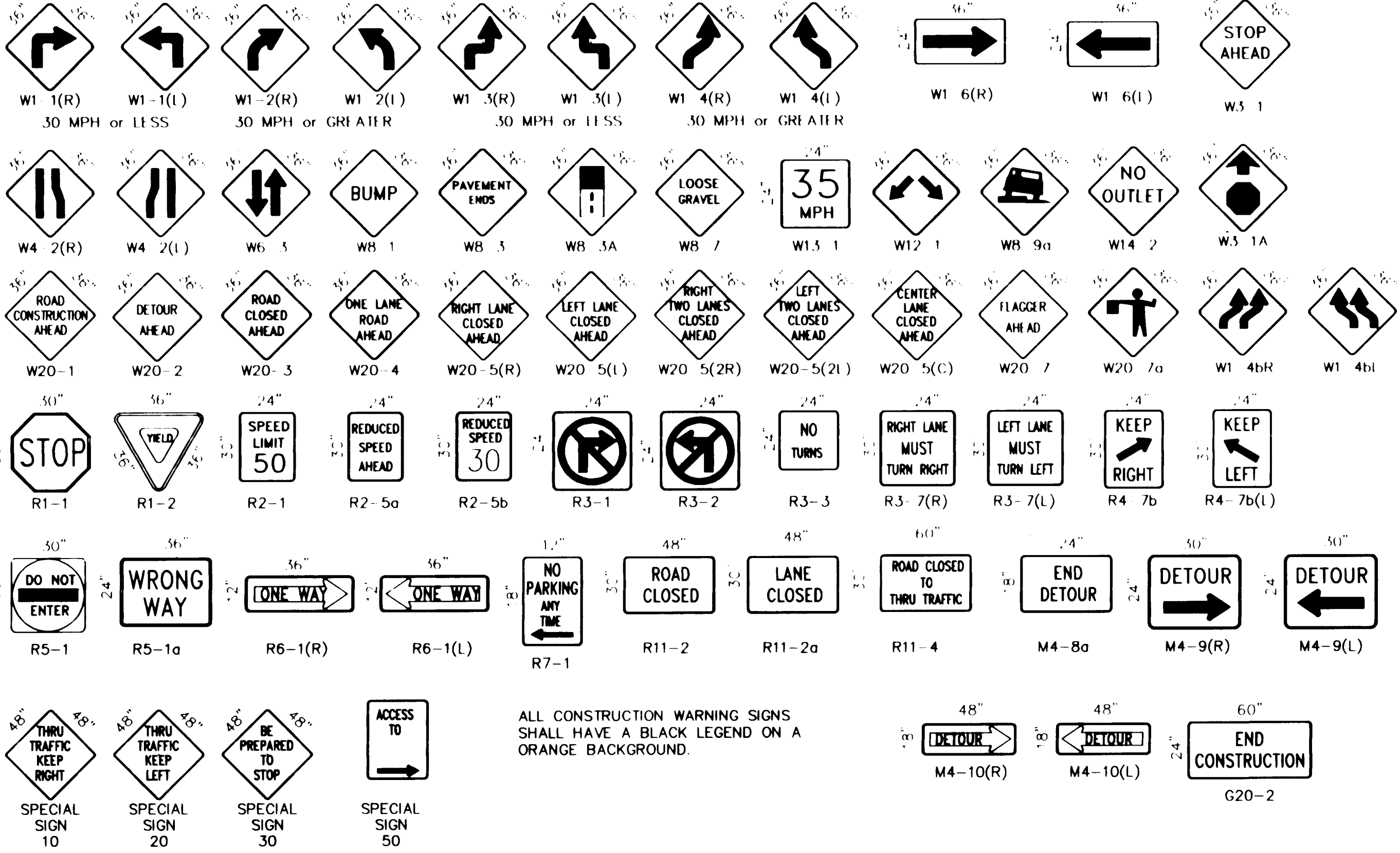
TAPER LENGTH COMPUTATION

SPEED LIMIT	W
40 MPH OR LESS	W x 2
45 MPH OR GREATER	W x 3

1. TAPER LENGTH
2. W = WIDTH OF OBJECT IN FEET
3. POSTED SPEED OR OFF-PEAK 85th PERCENTILE SPEED IN MPH

RECORD DRAWING

SIGN FACE DETAILS



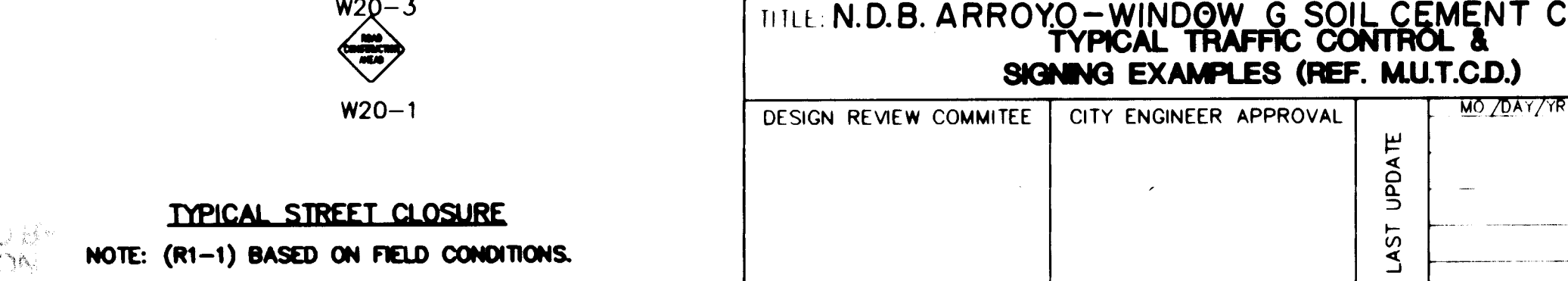
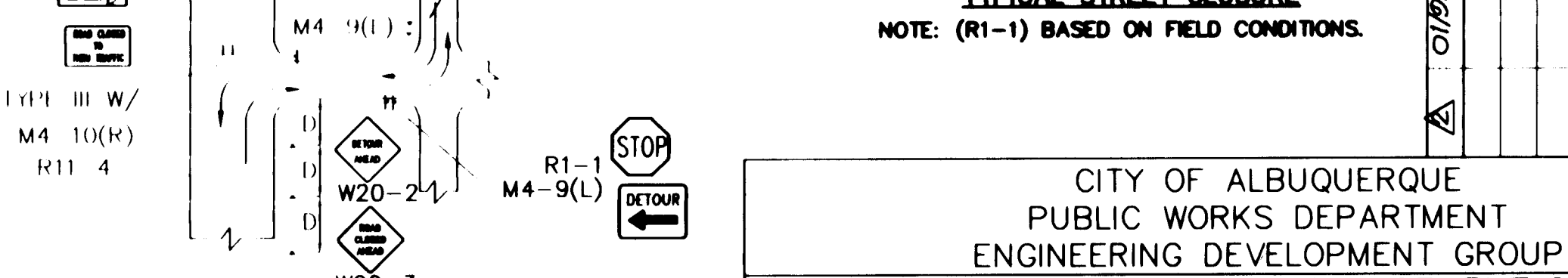
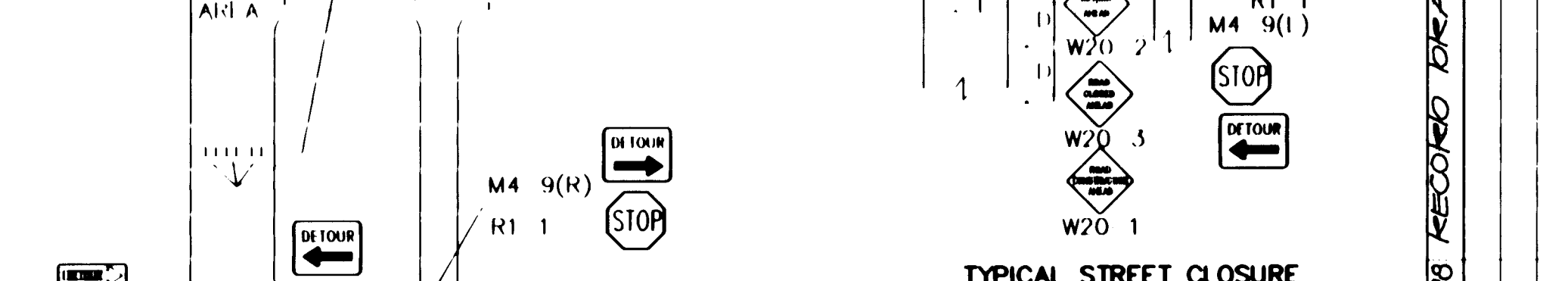
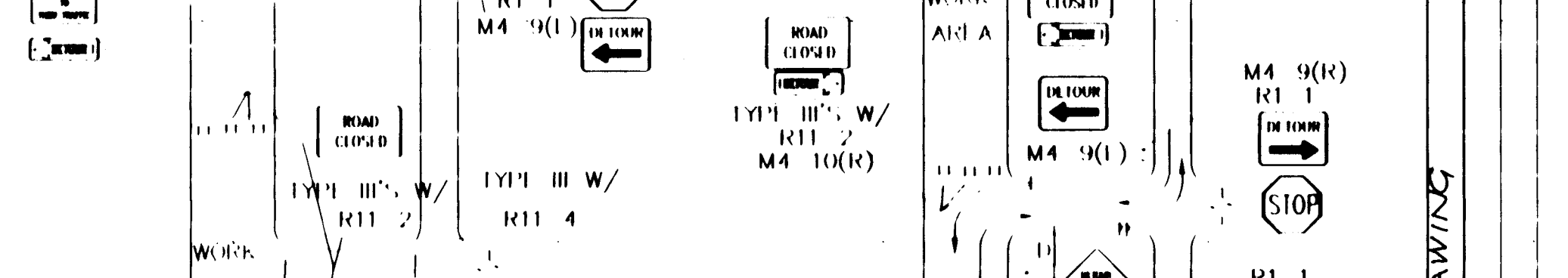
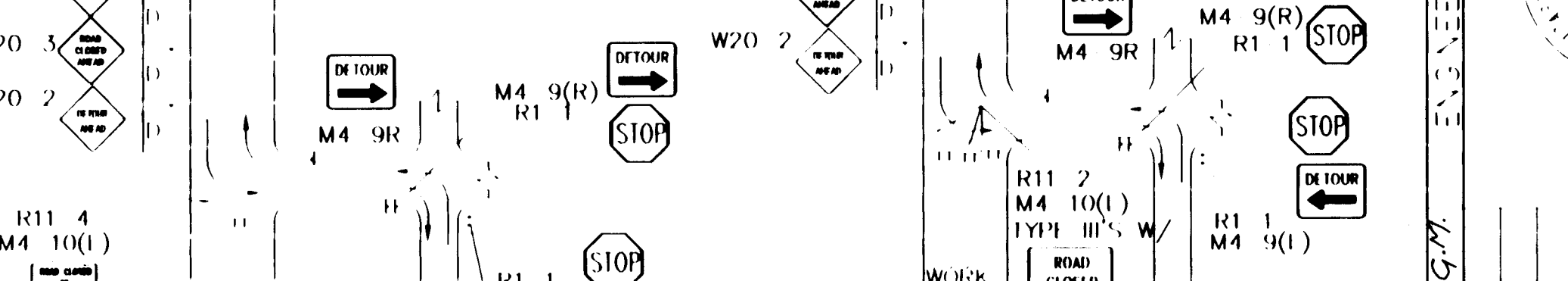
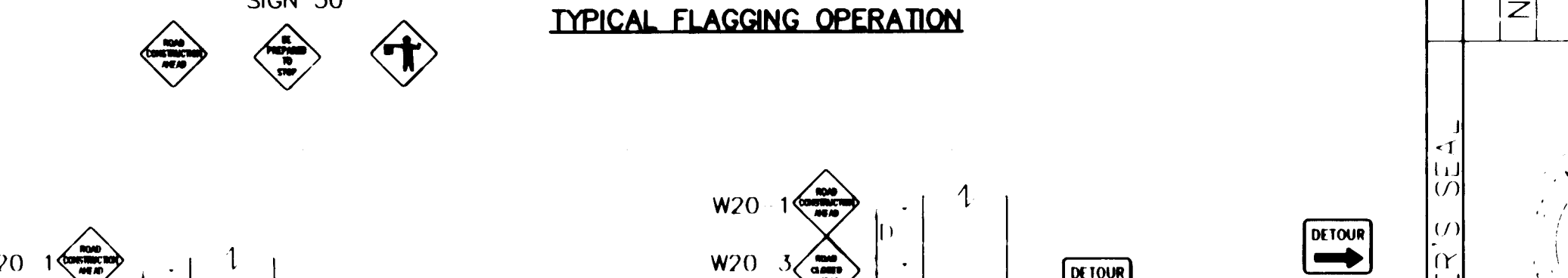
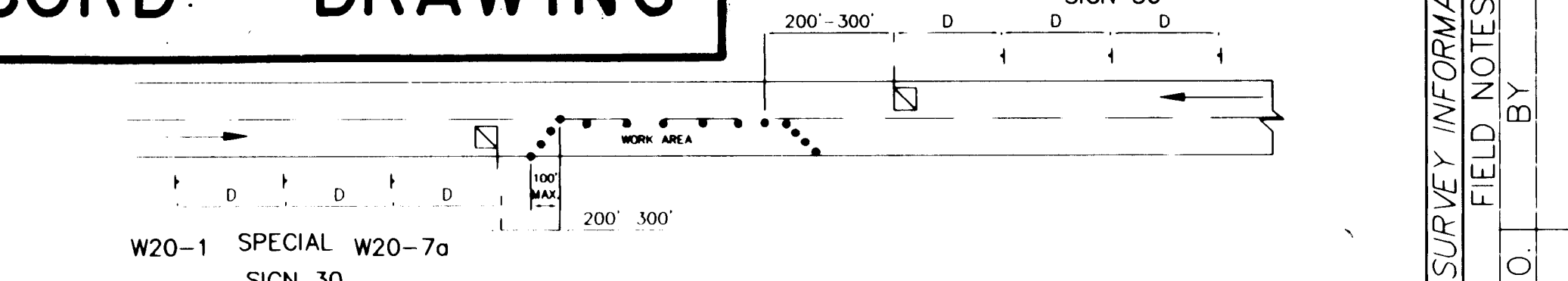
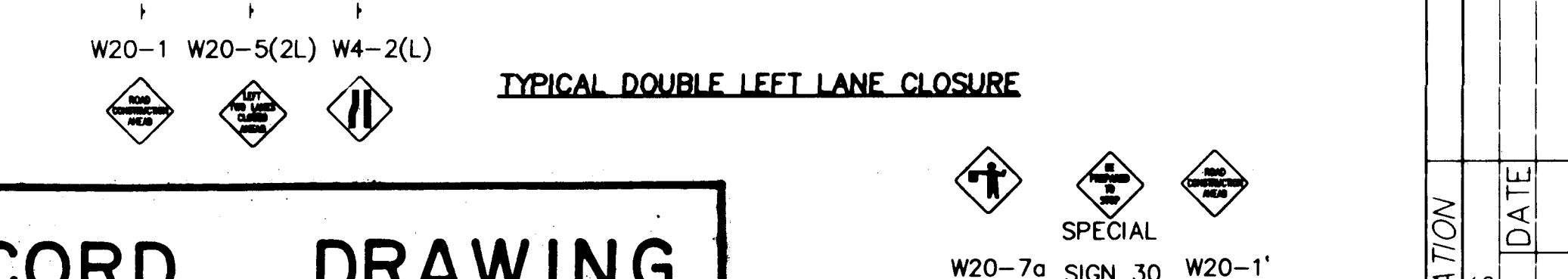
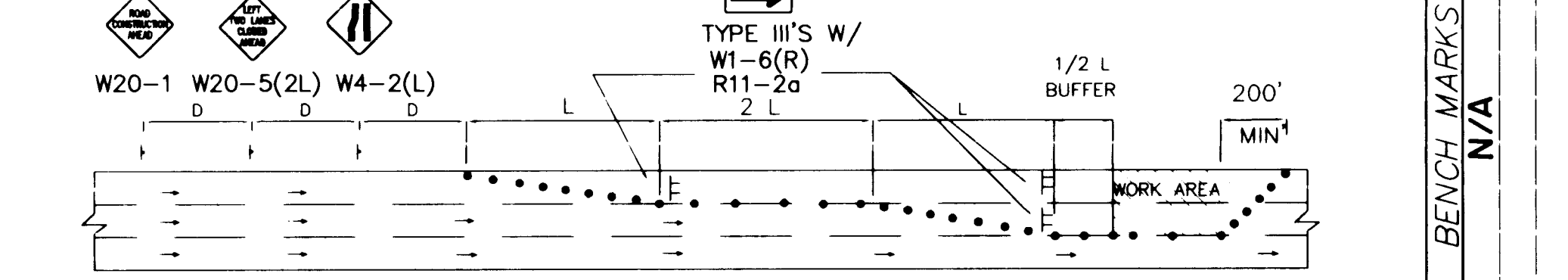
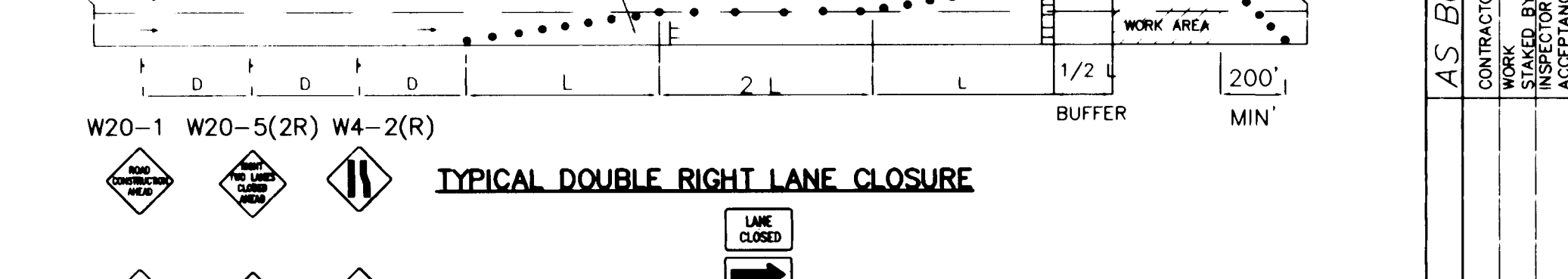
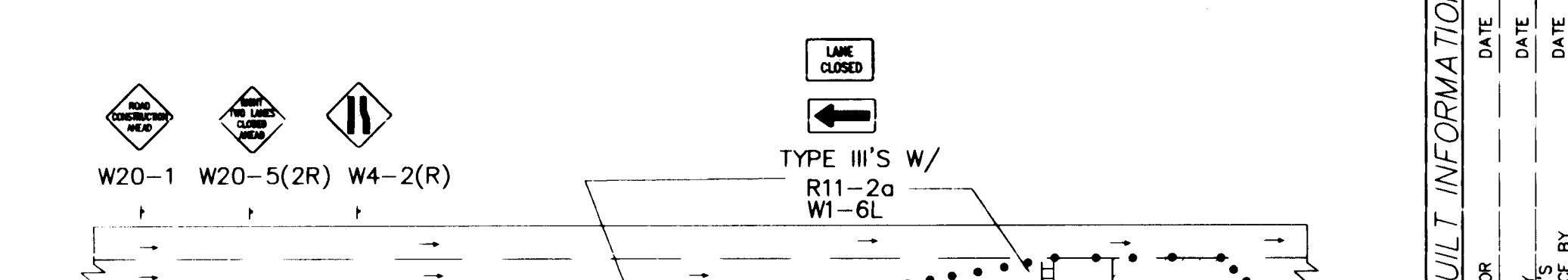
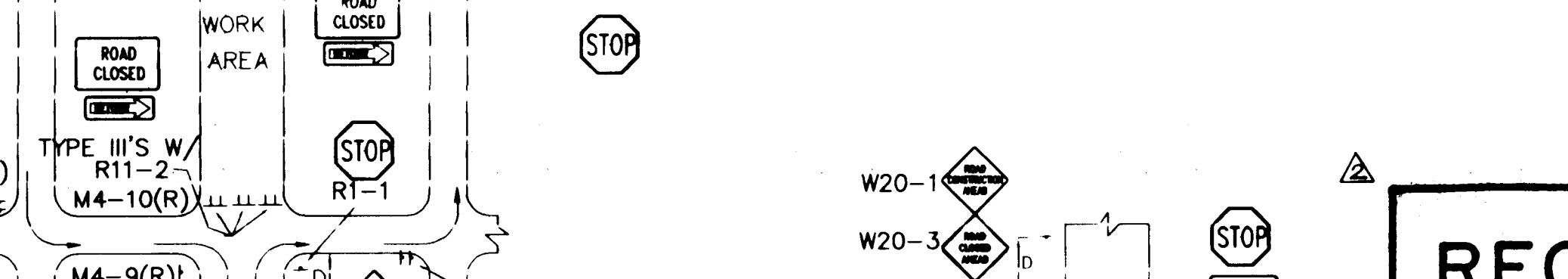
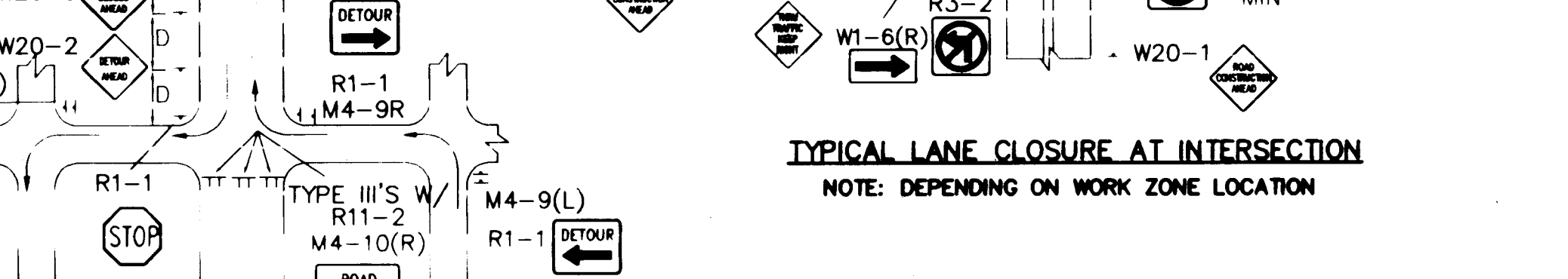
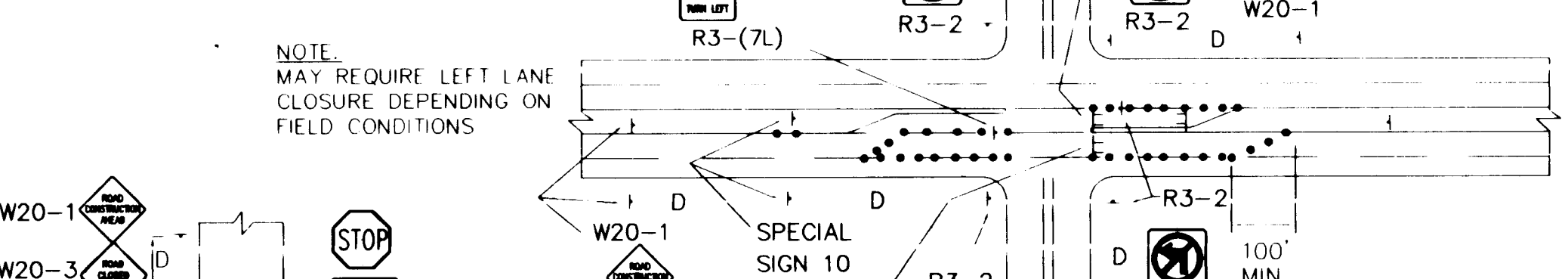
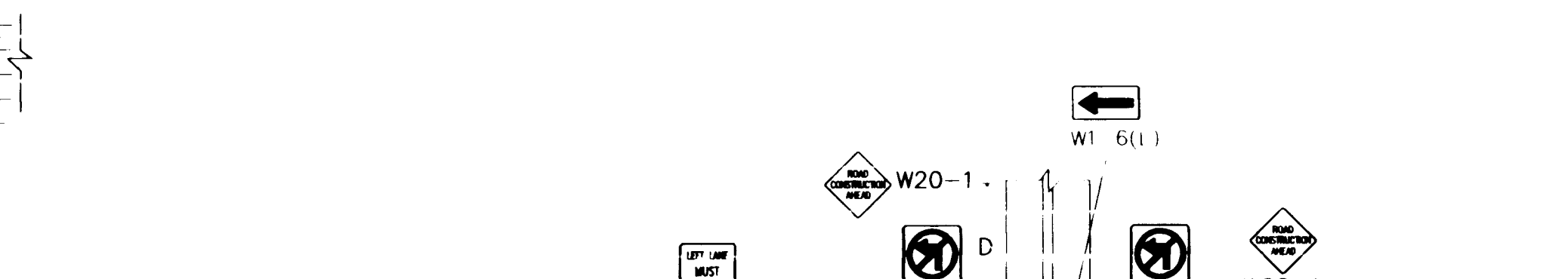
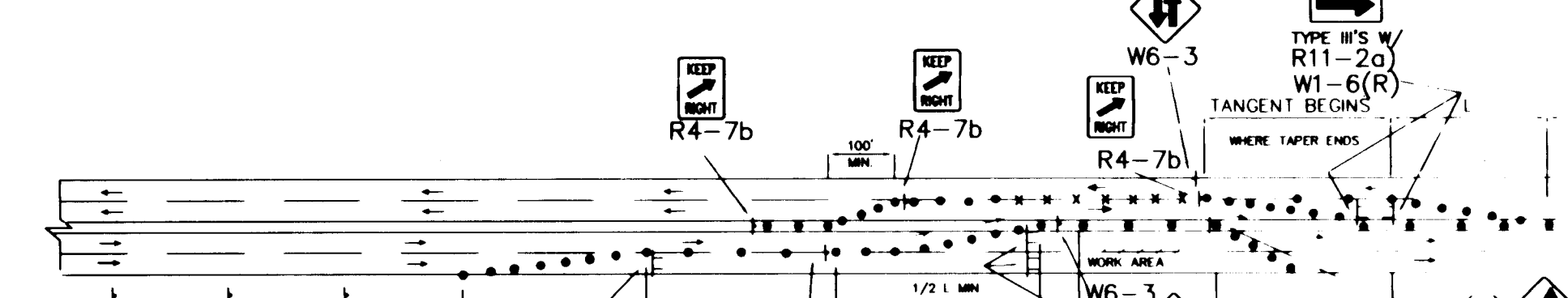
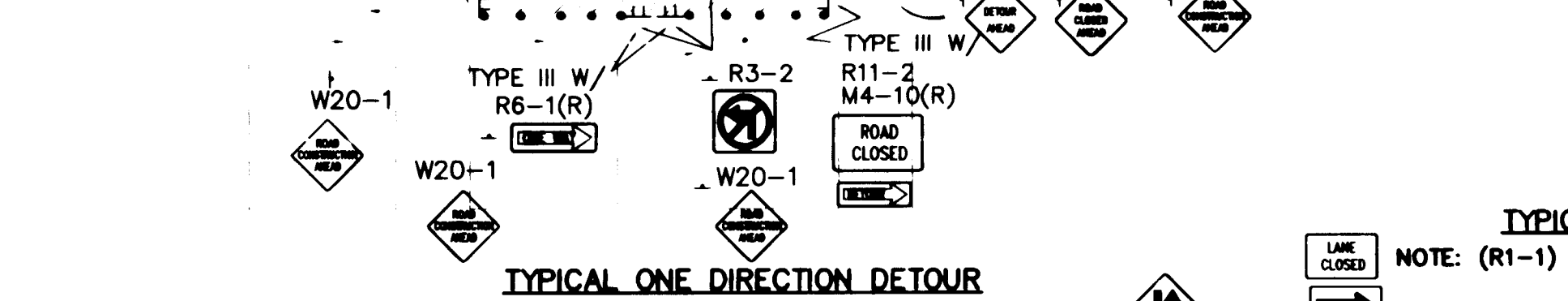
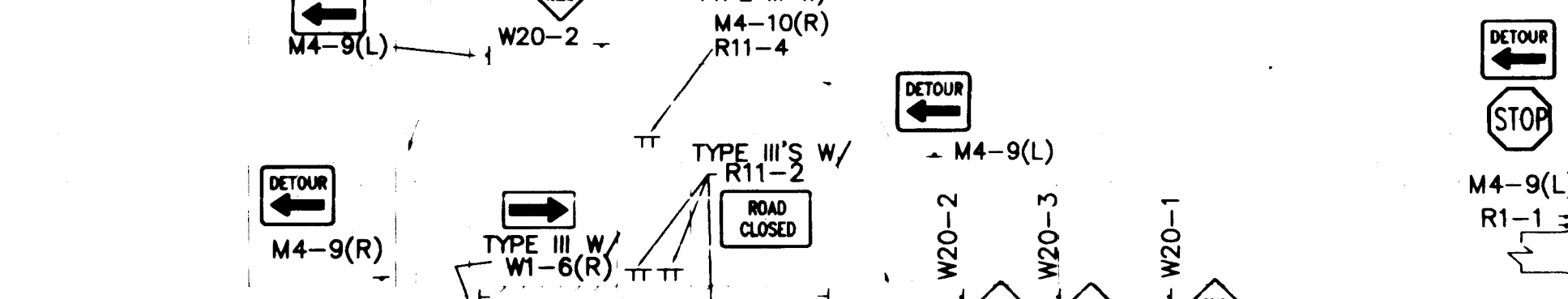
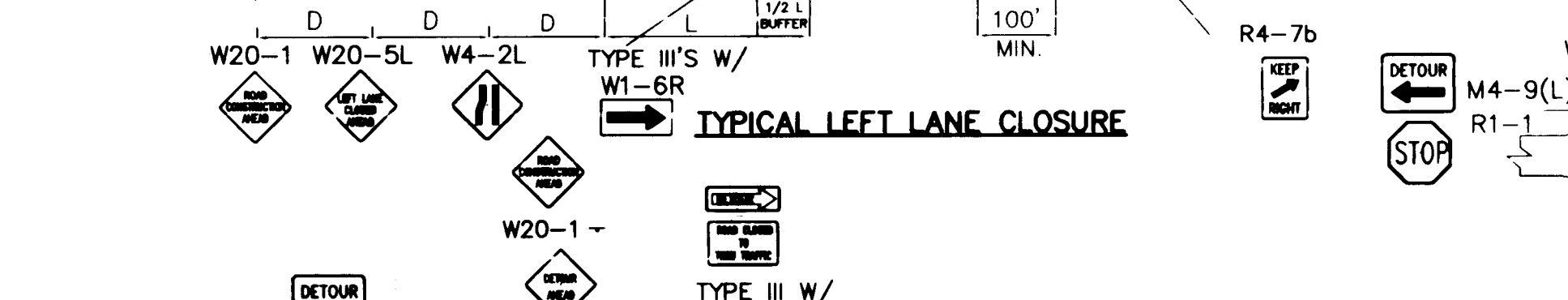
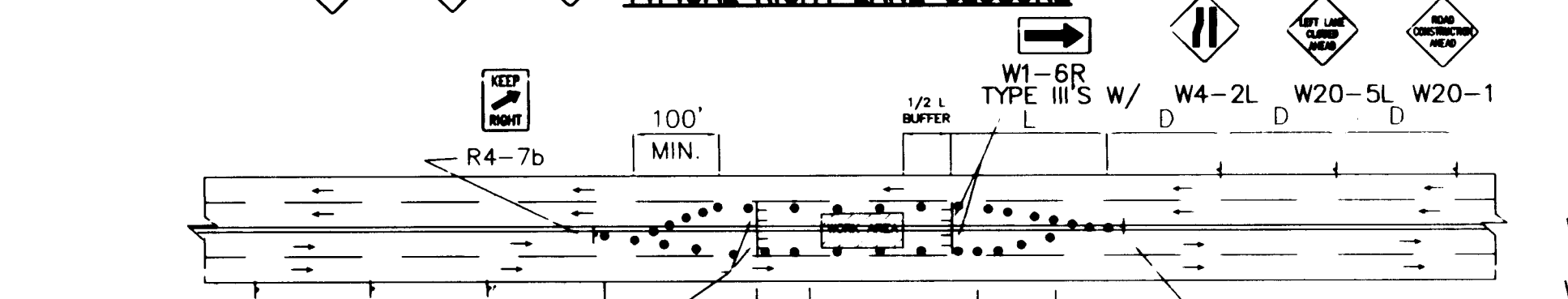
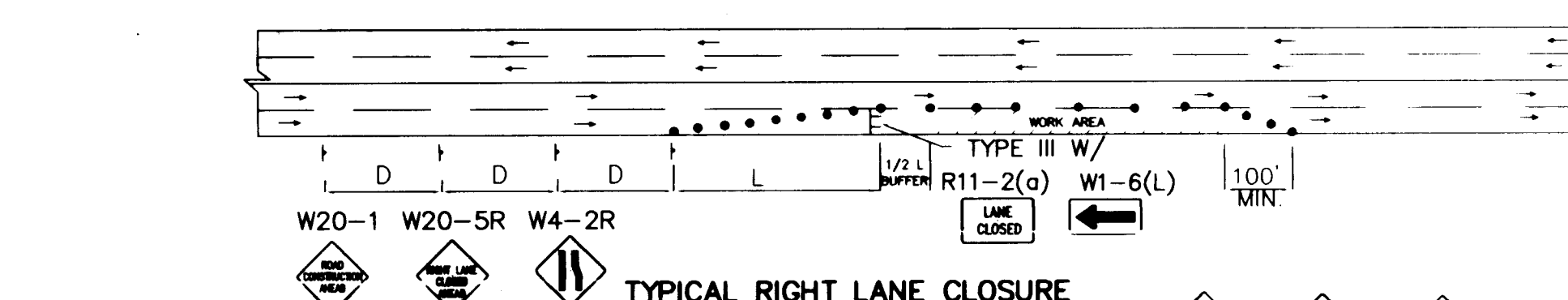
ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **N.D.B. ARROYO-WINDOW G SOIL CEMENT CHANNEL SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS**

DESIGN REVIEW COMMITTEE: _____ CITY ENGINEER APPROVAL: _____

PROJECT NO: **572982** MAP NO: **C-19** SHEET **25** OF **27**



RECORD DRAWING

- TRAFFIC SPLIT NOTES:**
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTH, PLUS MEDIAN WIDTH.
 2. 1/2 L IS MINIMUM DISTANCE FOR SHIFTING TAPERS.
 3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
 4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLIT.
 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.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	N/A		FIELD NOTES	DATE		
WORK BY	DATE						
INSPECTED BY	DATE						
ACCEPTANCE BY	DATE						
DRAWINGS	DATE						
CORRECTED BY	DATE						
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: N.D.B. ARROYO-WINDOW 6 SOIL CEMENT CHANNEL
TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. MUT.C.D.)

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

PROJECT NO. 572982 MAP NO. C-19 SHEET 26 OF 27

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