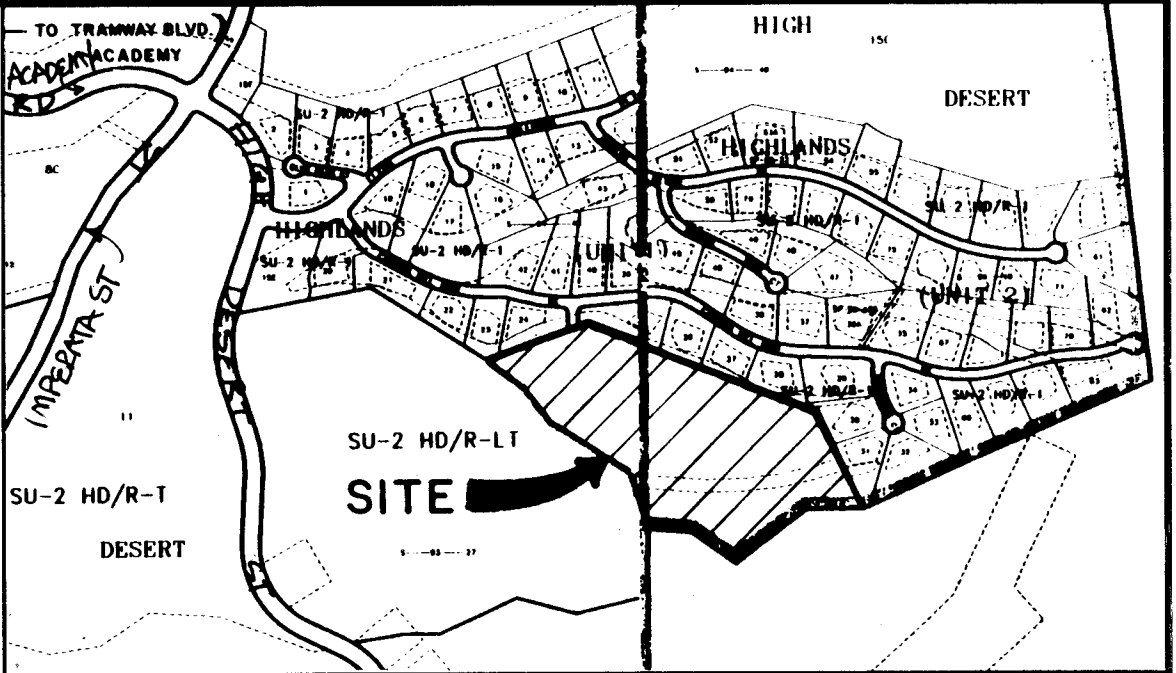


CONSTRUCTION PLANS
FOR
THE HIGHLANDS AT HIGH DESERT
UNIT 2A
ALBUQUERQUE, NEW MEXICO



VICINITY MAP
NOT TO SCALE
E-23 & E-24

NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AND SHALL INCLUDE UPDATE No.6
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
5. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED. PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
6. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE, UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THE PROJECT LIMITS NOT SHOWN ON THE PLANS THAT IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT DESIGNER'S EXPENSE.
7. ANY WORK WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☐ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

INDEX	
SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES
3-4	PLAT
5	OVERALL GRADING AND UTILITY PLAN
6	PAVING PLAN AND PROFILE SHEET: BUFFALOGRASS COURT
7	UTILITY PLAN AND PROFILE SHEET: BUFFALOGRASS COURT
8	DETAIL SHEET
9	CULVERT ENDWALLS
10	EROSION CONTROL

RECORD DRAWING

I, Harvey P. Phillips, Registered Professional Land Surveyor in the State of New Mexico, do hereby certify that this "as-built" information 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.

Harvey P. Phillips
LS No. 4767
DRB #96-341
BHI JOB NO. C95307A2440

APPROVAL OF AS-BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 3-20-97

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

20-50771.92 0197

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP		APPROVALS		ENGINEER		DATE	
DRC Chairman		Billy G. Baskley		10-9-96		APPROVED FOR CONSTRUCTION	
Transportation		Joe A. Hays		9-10-96			
Water/Wastewater		JPC		9-20-96			
Hydrology							
Parks							
Constr. Mngmt.							
CITY PROJECT NO.				509792		SHEET 1 OF 10	

GENERAL NOTES:

1. WHEN CONFLICTS EXIST BETWEEN THE "STANDARD SPECIFICATIONS" AND THE "PLANS" ("PLANS" SHALL MEAN THE SHEETS NUMBERED 1 OF 10 THROUGH 10 OF 10 ENTITLED "CONSTRUCTION PLANS FOR THE HIGHLANDS AT HIGH DESERT, UNIT 2A"), THE CONSTRUCTION OBSERVER SHALL BE NOTIFIED IMMEDIATELY FOR RESOLUTION. IN GENERAL, THE PLANS SHALL GOVERN.
2. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS GOVERNING CONSTRUCTION SAFETY AND HEALTH.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
5. ALL ELECTRICAL, TELEPHONE, CABLE TV, AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS.
6. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE, ALL EXISTING UTILITIES.
7. THE CONTRACTOR SHALL BE REQUIRED TO CONFINE ITS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. THE CONTRACTOR SHALL AT ALL TIMES TRY TO MINIMIZE THE DISTURBANCE TO THE EXISTING VEGETATION. CONTRACTOR SHALL ERECT TEMPORARY FENCE AT 5' OFFSET FROM CONSTRUCTION LIMITS AS SHOWN USING 6-1/2' LONG 4" HIGH T-POST AT 40' ON CENTER. INSTALL ONE STRAND OF SMOOTH WIRE ON TOP OF POSTS WITH FLAGGING PLACED ALONG WIRE. CONTRACTOR SHALL CONFINE WORK AREA WITHIN LIMITS OF FENCING.
8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, TOPSOIL DISTURBANCE AND EXCAVATION PERMITS, ETC.)
9. ALL TRENCHES AND EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED ACCORDING TO OSHA CONSTRUCTION SAFETY AND HEALTH STANDARDS. JOB SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
10. BLASTING USING EXPLOSIVES SHALL NOT BE PERMITTED. THE USE OF OTHER TECHNIQUES SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER AND THE CITY OF ALBUQUERQUE.
11. CONTRACTOR SHALL OBTAIN A COPY OF SOILS REPORT FROM THE CONSTRUCTION OBSERVER PRIOR TO BEGINNING CONSTRUCTION.
12. ALL STATIONING IS BASED ON STREET CENTERLINE, UNLESS OTHERWISE NOTED.
13. CONTRACTOR SHALL COORDINATE WITH PNM, US WEST, GAS CO. OF NM, AND JONES INTERCABLE FOR THE INSTALLATION OF THEIR FACILITIES. CONTRACTOR SHALL SCHEDULE THOSE UTILITIES SO AS TO ALLOW WORK TO PROCEED IN A TIMELY MANNER BY THE CONTRACTOR AND THE UTILITY FIRMS.
14. IF THE CONTRACTOR DOES NOT CONFINE ITS WORK WITHIN THE CONSTRUCTION LIMITS, THE CONTRACTOR SHALL PROVIDE BARRICADING AND/OR LANDSCAPE ALL AREAS DISTURBED AT THE CONTRACTOR EXPENSE (SEE NOTE 7 ABOVE.)

WATERLINES REQUIREMENTS:

1. TEMPORARY WATERLINE CONNECTIONS FOR CONSTRUCTION PURPOSES SHALL BE INCIDENTAL TO THE PROJECT. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE CITY OF ALBUQUERQUE FOR USE OF EXISTING FIRE HYDRANTS FOR CONSTRUCTION WATER. THE COST OF PERMITS, METERS, AND WATER USEAGE SHALL BE INCIDENTAL TO OTHER BID ITEMS. THE FIRE HYDRANTS WITHIN THE THE HIGHLANDS SUBDIVISION MAY NOT BE USED FOR CONSTRUCTION WATER. CONTRACTOR SHALL ADVISE HIGH DESERT INVESTMENT CORPORATION OF WHICH HYDRANTS THEY PREFER TO USE FOR CONSTRUCTION WATER PRIOR TO OBTAINING PERMITS FROM THE CITY OF ALBUQUERQUE.

CONSTRUCTION SIGNING: UNLESS GOVERNED BY A SPECIFIC PLAN, THE FOLLOWING NOTES APPLY:

- A. ALL BARRICADES AND SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST DIVISION EDITION.
- B. CONTRACTOR SHALL PREPARE A CONSTRUCTION SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC DIVISION. PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- C. CONTRACTOR SHALL MAINTAIN ALL BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADES AT THE END AND BEGINNING OF EACH DAY.

SPECIAL NOTES FOR CONTRACTOR - CORPS 404 PERMIT REQUIREMENTS:

THE FOLLOWING CONDITIONS WERE PLACED ON THE PROJECT BY THE CORP OF ENGINEERS, SECTION 404, NATIONWIDE PERMIT:

1. AVOID DISTURBANCE TO THE GRAMA GRASS CACTUS WHEREVER POSSIBLE.
2. PROTECT FISH AND WILDLIFE RESOURCES

A. STORE FUELS, LUBRICANTS, HYDRAULIC FLUIDS AND OTHER PETROCHEMICALS OUTSIDE THE 100-YEAR FLOODPLAIN.

B. INSPECT CONSTRUCTION EQUIPMENT DAILY TO ENSURE THAT NO LEAKS OR DISCHARGES OR LUBRICANTS, HYDRAULIC FLUIDS OR FUELS OCCUR IN THE AQUATIC OR RIPARIAN ECOSYSTEM, AND

C. CONTAIN PETROCHEMICAL SPILLS, INCLUDING CONTAMINATED SOIL, AND DISPOSE AT AN UPLAND SITE.
3. CONSTRUCTION WITHIN 200 FEET OF ARCHEOLOGICAL SITES ELIGIBLE FOR THE NATIONAL REGISTER OF HISTORIC PLACES (LA 86078, LA 86079, LA 99727) WILL NOT BEGIN UNTIL AFTER THE CROPS HAS NOTIFIED YOU THAT COORDINATION WITH THE NEW MEXICO STATE HISTORIC PRESERVATION OFFICER IS COMPLETE.
4. THE CORPS WILL BE NOTIFIED IMMEDIATELY IF ANY PREVIOUSLY UNDISCOVERED CULTURAL RESOURCES ARE ENCOUNTERED DURING ANY CONSTRUCTION OPERATIONS. CONSTRUCTION WILL CEASE IN THE IMMEDIATE VICINITY OF THE RESOURCE UNTIL THE SIGNIFICANCE AND DISPOSITION OF THE RESOURCE HAS BEEN EVALUATED IN ACCORDANCE WITH CODE OF FEDERAL REGULATIONS 36 (CFR) 800.11.

MISCELLANEOUS NOTES:

1. ALL BOULDERS ENCOUNTERED DURING THE COURSE OF CONSTRUCTION SHALL BE PRESERVED AND STOCK PILED BY CONTRACTOR AT A LOCATION, ON SITE, DETERMINED BY OWNER.
2. CONTRACTOR SHALL MAINTAIN IN PLACE, AT ALL TIMES, ALL EXISTING AND TEMPORARY FENCES ON SITE.

RECLAMATION NOTES:

1. SEE SUPPLEMENT SPECIFICATION BOOKLET ENTITLED "HIGH DESERT COMMUNITY RESTORATION AND ENHANCEMENT PLAN" DATED NOVEMBER 1994 FOR RESTORATION AND ENHANCEMENT PLAN SPECIFICATIONS.
2. ALL DISTURBED AREAS SHALL BE RESTORED IN ACCORDANCE WITH THE SPECIFICATIONS PROVIDED IN THE ABOVE MENTIONED SPECIFICATION BOOKLET.
3. WORK AREAS SHALL BE LIMITED TO DESIGNATED ROAD RIGHT-OF-WAY AND WATERLINE EASEMENTS AS SHOWN ON THE PLANS. WORK OUTSIDE OF THE RIGHT-OF-WAY OR WATERLINE EASEMENTS IN HIGH DESERT PROPERTY IS NOT ALLOWED WITHOUT WRITTEN CONSENT FROM HIGH DESERT INVESTMENT CORPORATION.
4. COMMENTS OR QUESTIONS CONCERNING THE RESTORATION SPECIFICATIONS SHALL BE DIRECTED TO EITHER THE CONSTRUCTION OBSERVER OR THE LANDSCAPE ARCHITECT.
5. ANY SUBSTITUTION OF PLANT SEED MATERIAL MUST BE APPROVED IN WRITING BY THE CONSTRUCTION OBSERVER.
6. THE CONTRACTOR SHALL WARRANTY THE RELCAMATION WORK FOR A PERIOD OF TWO (2) GROWING SEASONS, CONTINGENT UPON ACCEPTANCE BY HIGH DESERT.

CONSTRUCTION ACCESS:

1. THE HIGHLANDS SUBDIVISION-UNIT 2A CONTRACTOR SHALL TAKE ACCESS ONLY FROM THE ACADEMY /TRAMWAY OR SPAIN /TRAMWAY INTERSECTIONS. ACCESS THROUGH THE HIGH DESERT DEVELOPMENT MUST BE COORDINATED AND APPROVED BY THE HIGH DESERT INVESTMENT CORP. DIRECT ACCESS INTO THE HIGHLANDS PROJECT MAY BE TAKEN ONLY FROM THE INTERSECTION OF HIGH DESERT ST. AND ELENA GALLEGOS PL.
2. THE HIGHLANDS SUBDIVISION CONTRACTOR SHALL COOPERATE IN ALLOWING ACCESS FOR OTHER PROJECTS UNDER CONSTRUCTION NEAR THE HIGHLANDS DEVELOPMENT. ACCESS PROBLEMS SHALL BE COORDINATED WITH HIGH DESERT INVESTMENT CORP. BY ALL CONTRACTORS WORKING WITHIN THE HIGH DESERT COMMUNITY.

EXISTING UTILITIES:

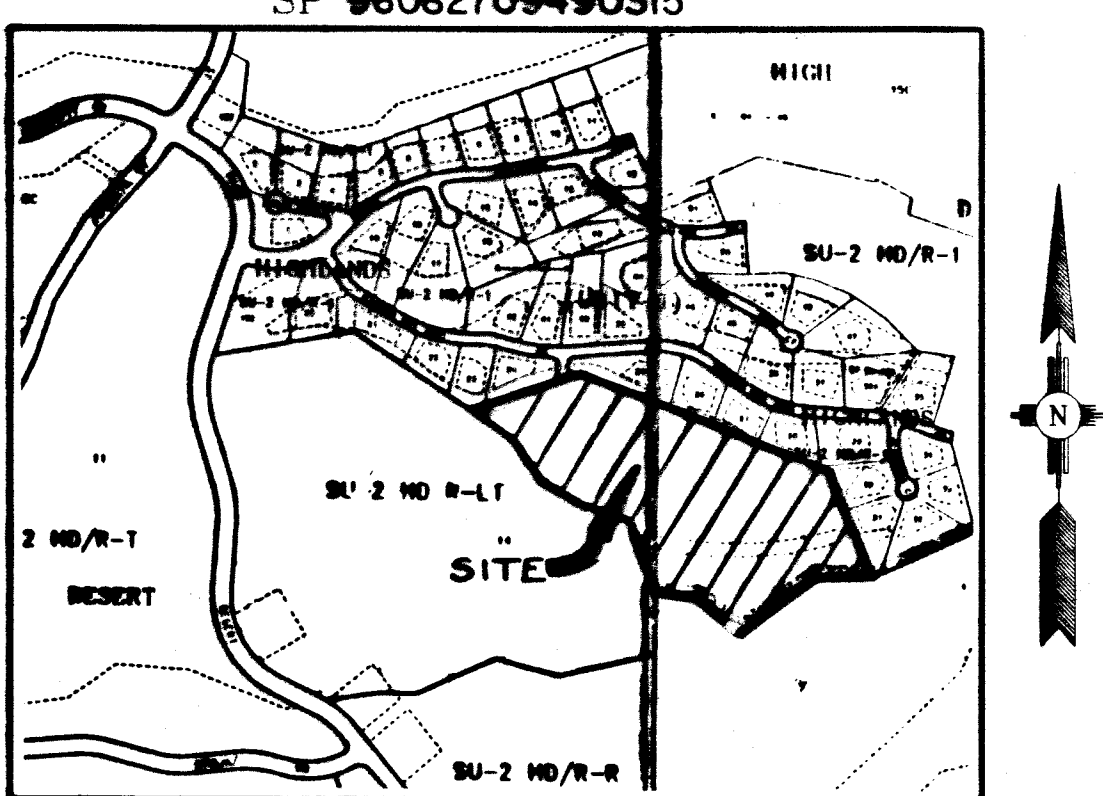
THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH LOCAL UTILITIES, ENGINEERING OFFICIALS, AND PREVIOUS CONSTRUCTION DRAWINGS PROVIDED TO OR OBTAINED BY THE ENGINEER. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES IN THE IMMEDIATE VICINITY OF THE PROJECT MAY BE SLIGHTLY DIFFERENT FROM THE LOCATION SHOWN ON THIS DRAWING. IF ADDITIONAL LINES ARE ENCOUNTERED, THEY SHALL BE EXPOSED AND IDENTIFIED BY THIS CONTRACTOR. WHERE ADDITIONAL LINES AND/OR DIFFERING LOCATIONS ARE ENCOUNTERED, THIS CONTRACTOR SHALL REQUEST THAT THE ENGINEER MAKE A RULING AS TO ANY NECESSARY CHANGE OF MATERIALS, RE-ROUTING, ABANDONING OR RELOCATING OF SUCH LINES. GAS COMPANY, PNM, US WEST AND/OR CABLE TV SHALL BE THE SOLE AUTHORITY IN RULING ON THE DISPOSITION OF THEIR EXISTING LINES. ALL LINES ENCOUNTERED THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED TO CLEAR CONSTRUCTION (IF ACTIVE) AND SHALL BE REMOVED (IF INACTIVE) BY THIS CONTRACTOR UNDER THIS CONTRACT. ALL BIDDERS ARE CAUTIONED TO INVESTIGATE SITE CONDITIONS BEFORE SUBMITTING THEIR BIDS. ALL EXISTING PIPING SHALL HAVE A MINIMUM EARTH COVERAGE AND DEPTHS SHALL BE ADJUSTED AS REQUIRED TO PROVIDE MINIMUM COVERAGE DUE TO NEW GRADES OR CONSTRUCTION. CONTRACTOR SHALL PAY FOR ANY AND ALL COSTS OF PERMITS, LINE EXTENSIONS, FIRELINES, METER INSTALLATION, ETC., AS REQUIRED BY LOCAL GOVERNING UTILITIES ENGINEERING OFFICIALS.

EROSION CONTROL MEASURES:

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY. THIS MAY BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE CONSTRUCTION LIMITS AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
3. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION. THE COST OF REQUIRED EROSION CONTROL MEASURES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT COST.
4. DURING THE MONTHS OF JULY, AUGUST, OR SEPTEMBER, ANY GRADING WITHIN OR ADJACENT OF A WATERCOURSE DEFINED AS A MAJOR FACILITY SHALL PROVIDE FOR EROSION CONTROL AND THE SAFE PASSAGE OF THE 10-YEAR DESIGN STORM RUNOFF DURING THE CONSTRUCTION PHASE.

SANITARY SEWER REQUIREMENTS:

1. THE CONTRACTOR SHALL EXCAVATE THE SANITARY SEWER SERVICES BY STARTING AT THE PLUG AND EXCAVATING BACK TO THE MAIN LINE SO AS TO MINIMIZE DISTURBANCE TO THE SURROUNDING VEGETATION.



LOCATION MAP
ZONE ATLAS INDEX MAP NO. E-23-Z and E-24-Z
NOT TO SCALE

SUBDIVISION DATA

1. DRB No. 96-408
2. Zone Atlas Index No. E-23-Z and E-24-Z
3. Gross Subdivision Acreage: 16.4838 Acres
4. Total Number of Lots created: 18 Lots
5. Total mileage of full width Streets created: 0.2047 mile
6. Date of Survey, August, 1996
7. Plot is located within the Elena Gallegos Grant, within Projected Sections 25 and 26, T11N, R4E, NMPM.

NOTES

1. Bearings are New Mexico State Plane Grid Bearings (Central Zone NAD27 Datum).
2. Distances are ground distances.
3. All easements of record are shown.
4. Centerline (in lieu of R/W monumentation) to be installed at all centerline P.C.'s, P.T.'s, angle points and street intersections prior to acceptance of subdivision improvements and will consist of a standard four-inch (4") alloy cap stamped "City of Albuquerque", "Centerline Monumentation", "Survey Marker", "Do Not Disturb", "PLS# 6544".
5. No more than one wood burning fireplace is permitted per lot; all other fireplaces must be gas fired using artificial logs.
6. No walls or fences shall be built outside the Building Envelope and all buildings shall conform to the conditions and restrictions described in the Declaration of Covenants for High Desert Residential Properties, recorded December 22, 1993. (LATEST EDITION)
7. City of Albuquerque Water and Sanitary Sewer to UNIT 2A OF THE HIGHLANDS AT HIGH DESERT must be verified and coordinated with the Public Works Department, City of Albuquerque.
8. Those portions of each lot in UNIT 2A OF THE HIGHLANDS AT HIGH DESERT which are (i) outside the building envelopes as indicated on Sheet 3 and (ii) outside the easement in favor of AMAFCA and the High Desert Residential Owners Association indicated on Sheet 2 are subject to the Easement Agreement in favor of the City of Albuquerque recorded July 10, 1995 in Book 95-16, Pages 3744-3761, records of Bernalillo County, New Mexico as Document No. 95067780.
9. The twenty (20) foot strip(s) of property along the public right-of-way of each lot in UNIT 2A OF THE HIGHLANDS AT HIGH DESERT will be subject to the Landscaping Easement in favor of High Desert Residential Owners Association recorded _____, 1996 in Book _____, Pages _____, records of Bernalillo County, New Mexico as Document No. _____.

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plot are ten (10) feet wide and are for the common joint use of:

- A. PNM Electric Services for the installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
- B. PNM Gas Services for the installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- C. 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.
- D. Jones Interconnect for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said easements, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool deck, 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 National Electric Safety Code caused by construction of pools, decks, or any structures adjacent to or near easements shown on this plot.

DESCRIPTION

A certain tract of land situate within the Elena Gallegos Grant, in projected Sections 25 and 26, Township 11 North, Range 4 East, New Mexico Principal Meridian, Bernalillo County, Albuquerque, New Mexico, said tract being and comprising all of Tract 14B of PLAT OF TRACTS 14A & 14B HIGH DESERT, Albuquerque, New Mexico as the same is shown and designated on the plat thereof, recorded in the office of the County Clerk of Bernalillo County, New Mexico on August 21, 1996 in Volume 96C, Folio 364 as Document No. 96093434 and being more particularly described by New Mexico State Plane grid bearings (Central Zone NAD 1927 Datum) and ground distances as follows:

BEGINNING at the northwest corner of said Tract 14B, whence the City of Albuquerque Station "TUMBLE" a standard USCGS brass tablet set in concrete having New Mexico State Plane Coordinates, Central Zone, NAD Datum 1927 of X=425,465.55 and Y=1,513,470.01 bears N57°07'16"W, a distance of 6104.19 feet and from said point of beginning running thence along the northerly boundary line of said Tract 14B, N70°16'41"E, a distance of 440.00 feet to a point; thence, S69°11'00"E, a distance of 1040.00 feet to the northeast corner of said Tract 14B, thence running along the easterly boundary line of said Tract 14B, S25°29'30"E, a distance of 440.00 feet to the southeast corner of said Tract 14B, thence running along the southerly boundary line of said Tract 14B, N90°00'00"W, a distance of 225.00 feet to a point; thence, S52°50'00"W, a distance of 364.00 feet to a point; thence, N53°20'00"W, a distance of 218.00 feet to a point; thence, N84°40'00"W, a distance of 178.00 feet to a point; thence, N15°41'15"W, a distance of 235.50 feet to a point; thence, N63°15'13"W, a distance of 156.88 feet to a point; thence, N58°40'42"W, a distance of 202.82 feet to a point; thence, N59°13'34"W, a distance of 249.38 feet to the point and place of beginning.

Tract contains 16.4838 acres, more or less.

FREE CONSENT AND DEDICATION

The foregoing Plot of that certain tract of land situate within the Elena Gallegos Grant, in projected Sections 25 and 26, Township 11 North, Range 4 East, New Mexico Principal Meridian, Bernalillo County, Albuquerque, New Mexico, being and comprising all of Tract 14B of PLAT OF TRACTS 14A & 14B, HIGH DESERT, Albuquerque, New Mexico as the same is shown and designated on the plat thereof, recorded in the office of the County Clerk of Bernalillo County, New Mexico on August 21, 1996 in Volume 96C, Folio 364 as Document No. 96093434 now comprising Lots 1 through 18 inclusive PLAT OF UNIT 2A OF THE HIGHLANDS AT HIGH DESERT, Albuquerque, New Mexico is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate all streets and public right-of-ways shown hereon to the City of Albuquerque in Fee Simple with Warranty Covenants and do hereby grant: All access, Utility and Drainage Easements hereon including the right to construct, operate, inspect, and maintain facilities therein; and all Public Utility easements shown hereon for the common and joint use of Gas, Electrical Power and Communication Services for buried distribution lines, conduits, pipes for underground Utilities where shown or indicated, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is with their free act and deed.

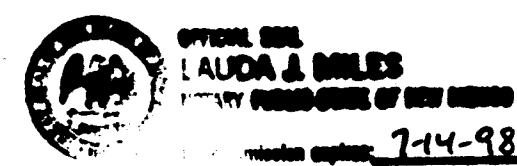
HIGH DESERT INVESTMENT CORPORATION

By: Douglas H. Colister
Douglas H. Colister, President

State of New Mexico)
County of Bernalillo)

This instrument was acknowledged before me on 27 day of AUGUST, 1996 by Douglas H. Colister, President of High Desert Investment Corporation.

My Commission Expires: 7-14-98 Jaime J. Smith
Notary Public



PLAT OF
UNIT 2A OF THE HIGHLANDS
AT HIGH DESERT
(REPLAT OF TRACT 14B HIGH DESERT)
ALBUQUERQUE, NEW MEXICO
AUGUST, 1996

APPROVALS

PLAT NUMBER _____

PLANNING DIRECTOR _____ DATE _____

CITY ENGINEER _____ DATE _____

AMAFCA _____ DATE _____

TRAFFIC ENGINEER _____ DATE _____

CITY SURVEYOR _____ DATE _____

PROPERTY MANAGEMENT _____ DATE _____

UTILITY DEVELOPMENT DEPARTMENT _____ DATE _____

DESIGN & DEVELOPMENT _____ DATE _____

U.S. WEST COMMUNICATIONS _____ DATE _____

PNM ELECTRIC SERVICES _____ DATE _____

PNM GAS SERVICES _____ DATE _____

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPCE _____

PROPERTY OWNER OF RECORD _____

BERNALILLO COUNTY TREASURER'S OFFICE _____ DATE _____

DISCLOSURE STATEMENT

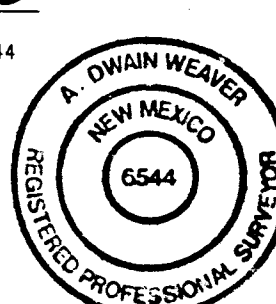
The purpose of this Plat is to subdivide all of Tract 14B, PLAT OF TRACTS 14A & 14B, HIGH DESERT, Albuquerque, New Mexico as the same are shown and designated on the plat thereof, filed for record in the office of the County Clerk of Bernalillo County, New Mexico on August 21, 1996 in Volume 96C, Folio 364 as Document No. 96093434 into Eighteen (18) Lots, to dedicate Street Right-of-Way to the City of Albuquerque, and to grant easements.

SURVEYOR'S CERTIFICATION

I, A. Duane Weaver, a registered Professional New Mexico Surveyor, certify that I am responsible for this survey and that this plat was prepared by me or under my supervision, shows all easements of record, and conforms to the Minimum Requirements of the Board of Registration for Professional Engineers and Professional Surveyors in February 1994 and meets the minimum requirements for monumentation and surveys contained in the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

Bohannon-Huston Inc.
Courtney J.
7500 Jefferson Street, N.E.
Albuquerque, New Mexico 87109

A. Duane Weaver
New Mexico Professional Surveyor 6544
Date: August 27, 1996

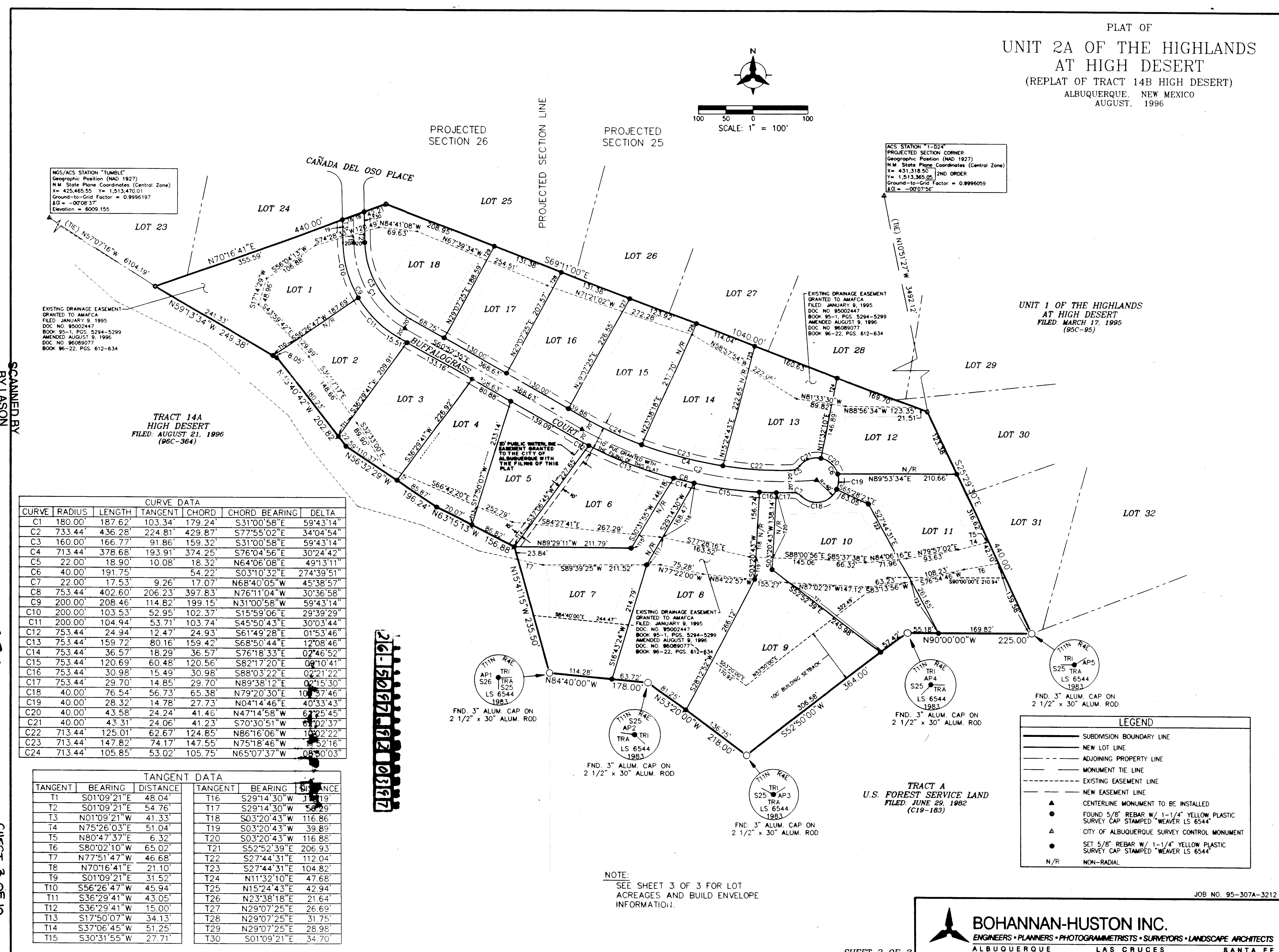


JOB NO. 95-307A-3212

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ALBUQUERQUE LAS CRUCES SANTA FE

SHEET 1 OF 3

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NOTE:
SEE SHEET 3 OF 3 FOR LOT
ACREAGES AND BUILD ENVELOPE
INFORMATION.

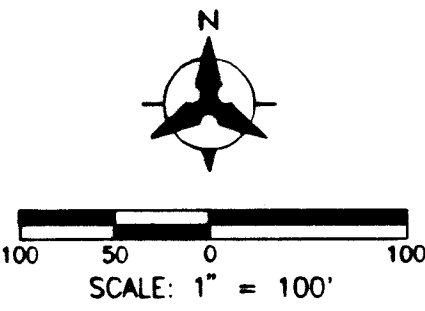
JOB NO. 95-307A-3212

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ALBUQUERQUE LAS CRUCES SANTA FE

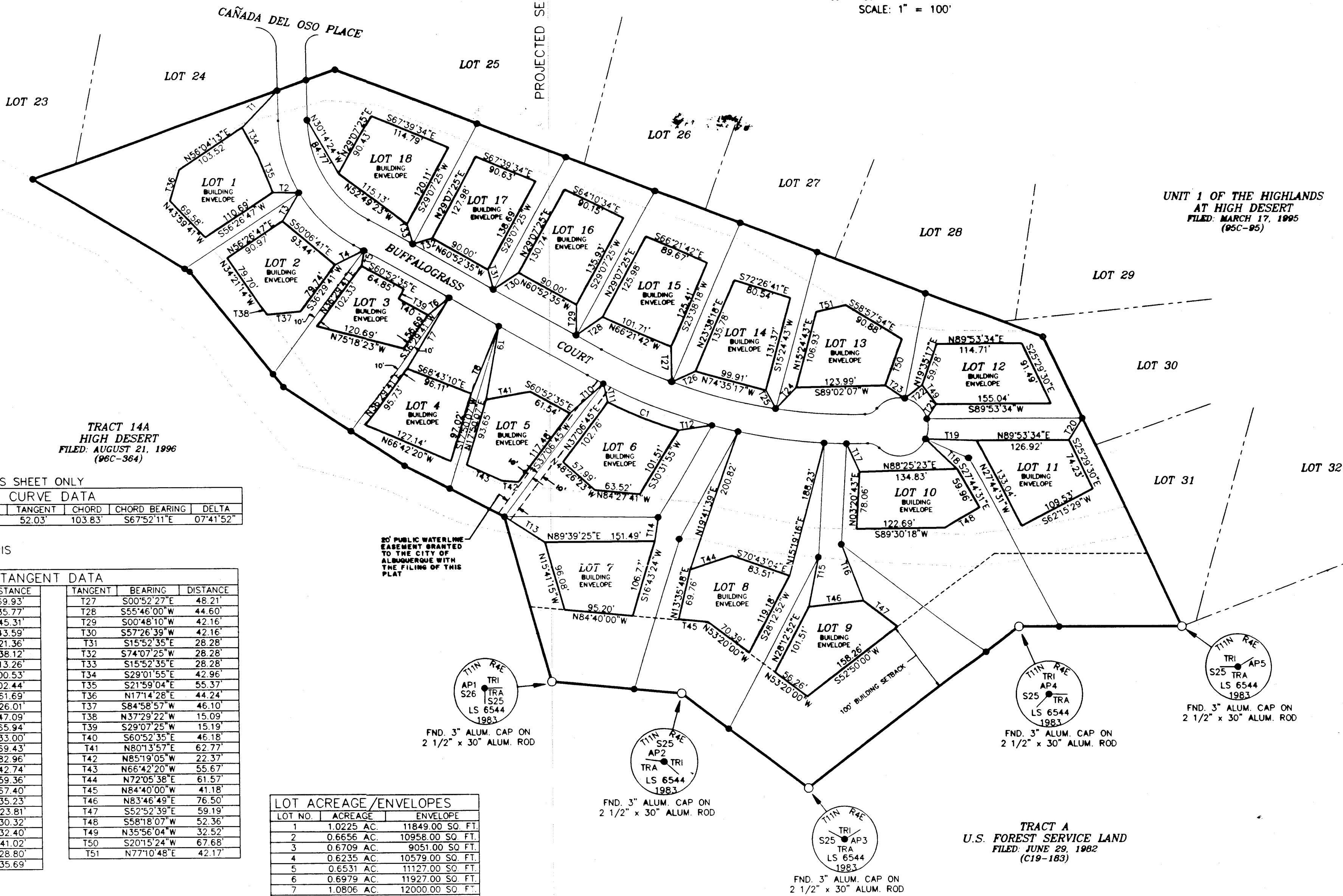
SHEET 2 OF 3

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PLAT OF
UNIT 2A OF THE HIGHLANDS
AT HIGH DESERT
(REPLAT OF TRACT 14B HIGH DESERT)
ALBUQUERQUE, NEW MEXICO
AUGUST, 1996



PROJECTED SECTION 26
PROJECTED SECTION 25



TRACT 14A
HIGH DESERT
FILED: AUGUST 21, 1996
(96C-364)

CURVE DATA FOR THIS SHEET ONLY

CURVE DATA					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING
C1	773.44	103.91	52.03	103.83	S67°52'11"E

TANGENT DATA FOR THIS SHEET ONLY

TANGENT DATA		
TANGENT	BEARING	DISTANCE
T1	N43°42'10"E	69.93
T2	S89°33'26"E	35.77
T3	N30°15'09"E	45.31
T4	N63°48'13"E	43.59
T5	N08°34'39"E	21.36
T6	N51°42'16"E	38.12
T7	N31°25'45"E	113.26
T8	N23°32'39"E	100.53
T9	N10°28'09"E	102.44
T10	N48°52'40"E	61.69
T11	N13°08'39"W	26.01
T12	N81°33'33"E	47.09
T13	N57°27'34"W	65.94
T14	N08°12'06"E	33.00
T15	N11°28'18"E	69.43
T16	N21°20'36"W	82.96
T17	N24°33'10"W	42.74
T18	N45°59'18"W	59.36
T19	N88°06'32"W	67.40
T20	N31°31'32"E	35.23
T21	S37°45'24"W	23.81
T22	S53°04'45"W	30.32
T23	S56°57'53"E	32.40
T24	S44°35'43"W	41.02
T25	S28°34'44"E	28.80
T26	S66°09'04"W	35.69

TANGENT DATA		
TANGENT	BEARING	DISTANCE
T27	S00°52'27"E	48.21
T28	S55°46'00"W	44.60
T29	S00°48'10"W	42.16
T30	S57°26'39"W	42.16
T31	S15°52'35"E	28.28
T32	S74°07'25"W	28.28
T33	S15°52'35"E	28.28
T34	S29°01'55"E	42.96
T35	S21°59'04"E	55.37
T36	N17°14'28"E	44.24
T37	S84°58'57"W	46.10
T38	N37°29'22"W	15.09
T39	S29°07'25"W	15.19
T40	S60°52'35"E	46.18
T41	N80°13'57"E	62.77
T42	N85°19'05"W	22.37
T43	N66°42'20"W	55.67
T44	N72°05'38"E	61.57
T45	N84°40'00"W	41.18
T46	N83°46'49"E	76.50
T47	S52°52'39"E	59.19
T48	S58°18'07"W	52.36
T49	N35°56'04"W	32.52
T50	S20°15'24"W	67.68
T51	N77°10'48"E	42.17

LOT ACREAGE/ENVELOPES	
LOT NO.	ACREAGE
1	1.0225 AC.
2	0.6656 AC.
3	0.6709 AC.
4	0.6235 AC.
5	0.6531 AC.
6	0.6979 AC.
7	1.0806 AC.
8	1.4280 AC.
9	1.4643 AC.
10	1.1362 AC.
11	1.1940 AC.
12	0.6381 AC.
13	0.7388 AC.
14	0.6965 AC.
15	0.7224 AC.
16	0.6478 AC.
17	0.5911 AC.
18	0.7758 AC.

TRACT A
U.S. FOREST SERVICE LAND
FILED: JUNE 29, 1982
(C19-183)

JOB NO. 95-307A-3212



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SHEET 3 OF 3

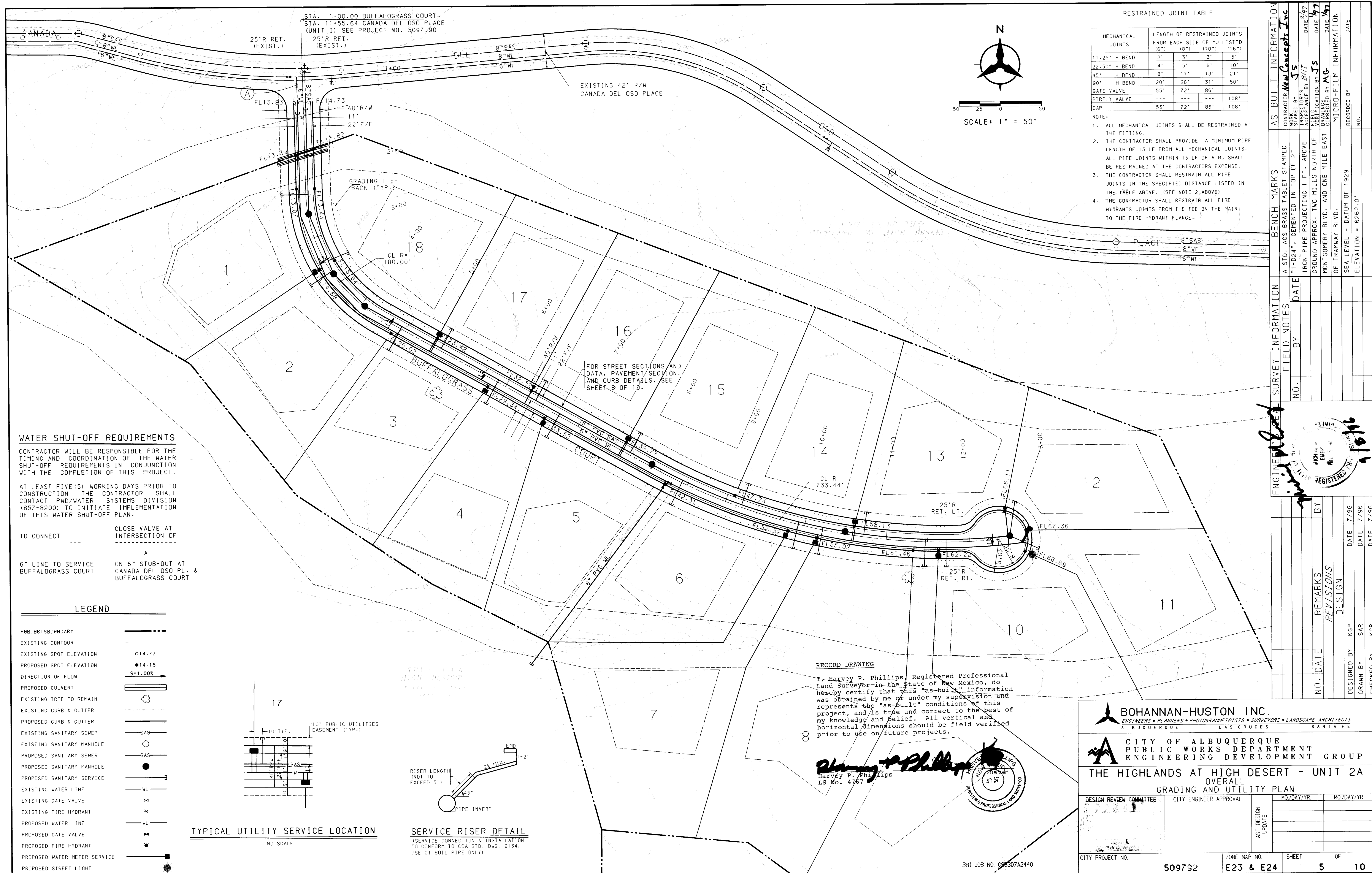
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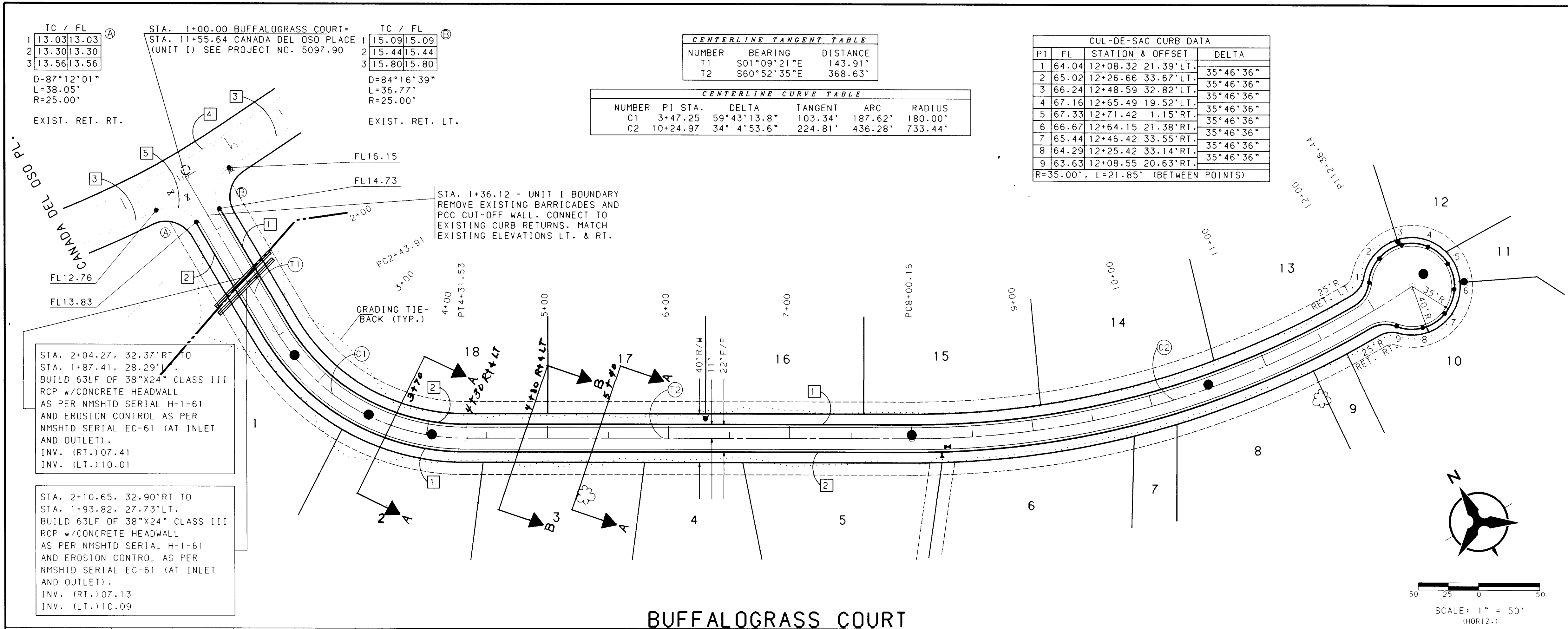
SCANNED BY
BY LASON

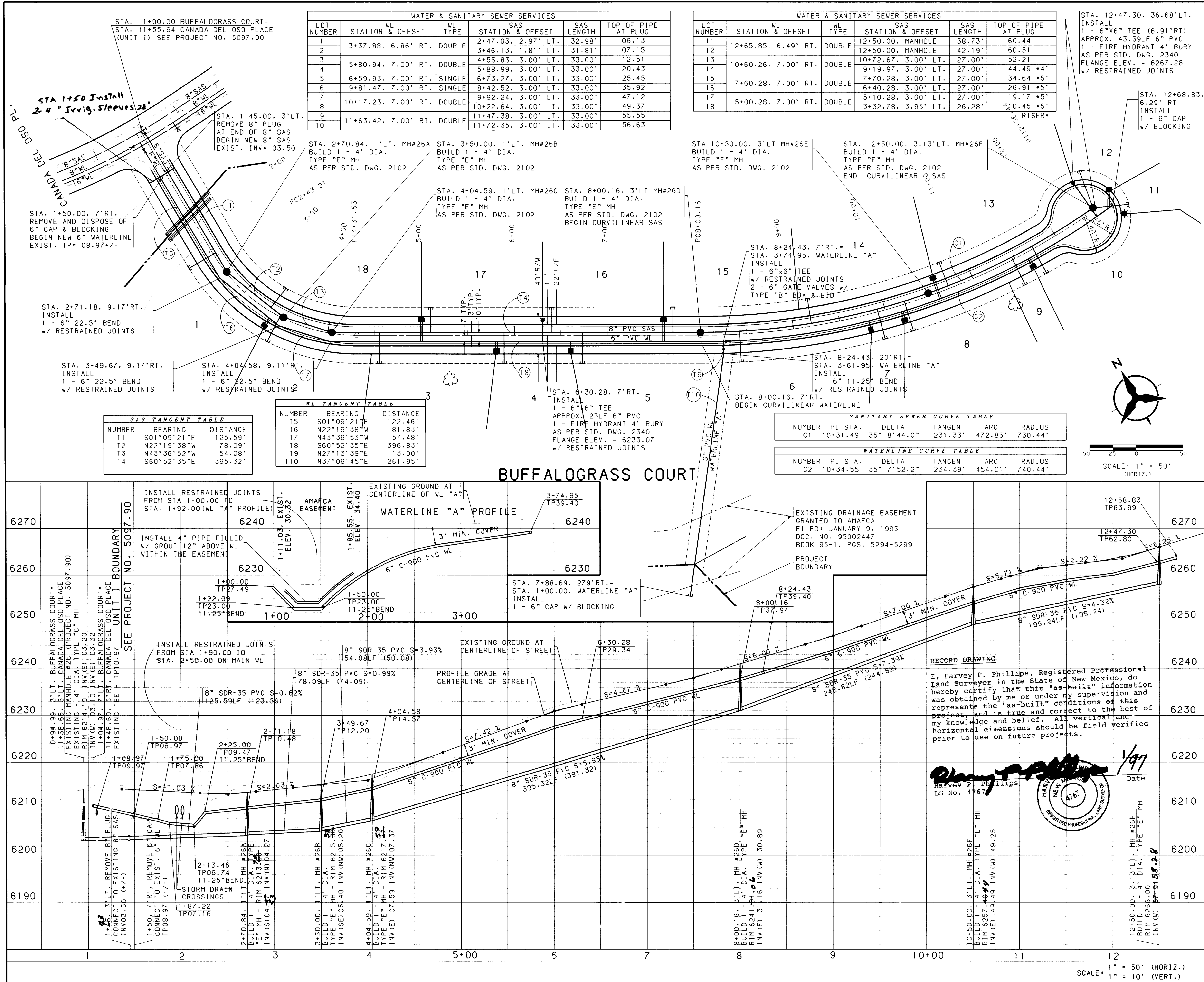
26-5097-701 09777

CPN 5097.92

SHEET 4 OF 10







- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADIUS SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 5. CONTRACTOR IS TO INSTALL A 4"x4"x5" POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
 11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 12. THE CONTRACTOR SHALL EXCAVATE THE SANITARY SEWER SERVICES BY STARTING AT THE PLUG AND EXCAVATING BACK TO THE MAIN LINE SO AS TO MINIMIZE DISTURBANCE TO THE SURROUNDING VEGETATION.

RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED (6") (8") (10") (16")			
11.25" H BEND	2'	3'	3'	5'
22.50" H BEND	4'	5'	6'	10'
45" H BEND	8'	11'	13'	21'
90" H BEND	20'	26'	31'	50'
GATE VALVE	55'	72'	86'	---
BIRFLY VALVE	---	---	---	108'
CAP	55'	72'	86'	108'

- NOTE:
1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
 2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 15 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 15 LF OF A MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
 3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE)
 4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

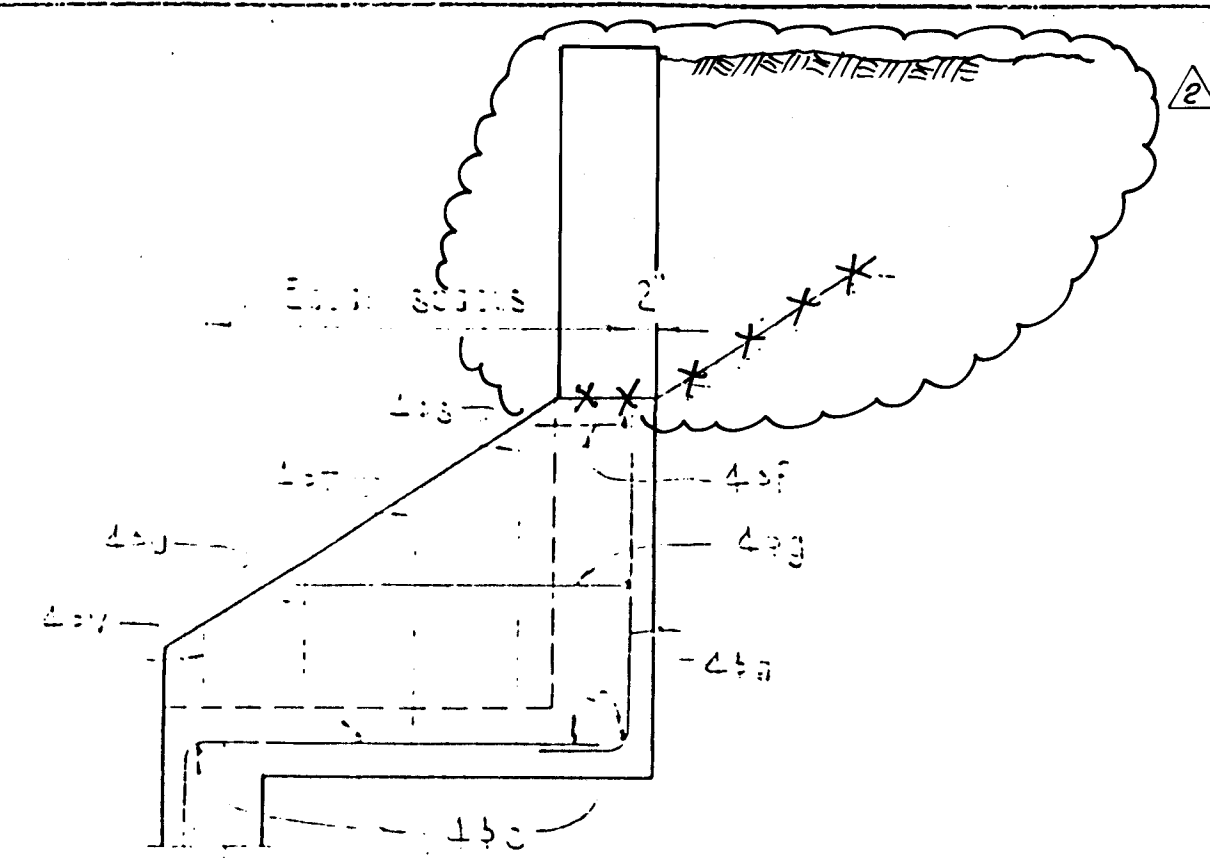
THE HIGHLANDS AT HIGH DESERT - UNIT 2A
UTILITY PLAN & PROFILE
BUFFALOGRASS COURT

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL MO./DAY/YR. MO./DAY/YR.

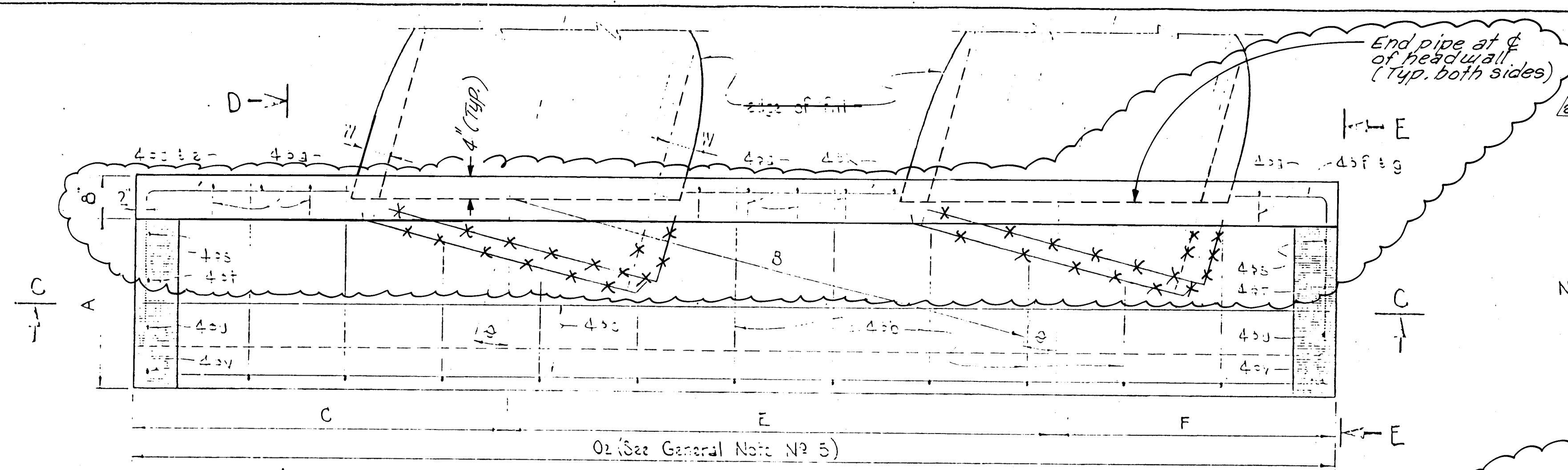
LAST DESIGN UPDATE

CITY PROJECT NO. **509792** ZONE MAP NO. **E23 & E24** SHEET **7** OF **10**

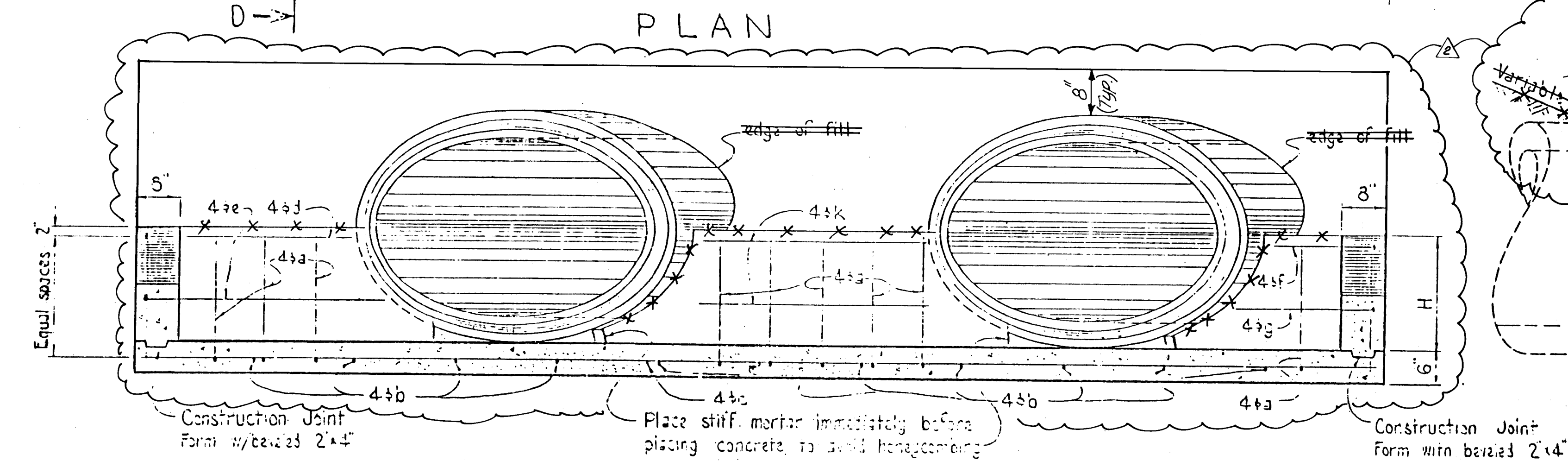
DATE: AUGUST, 1996



TYPICAL END VIEW E-E
(Showing reinforcing in wingwall)

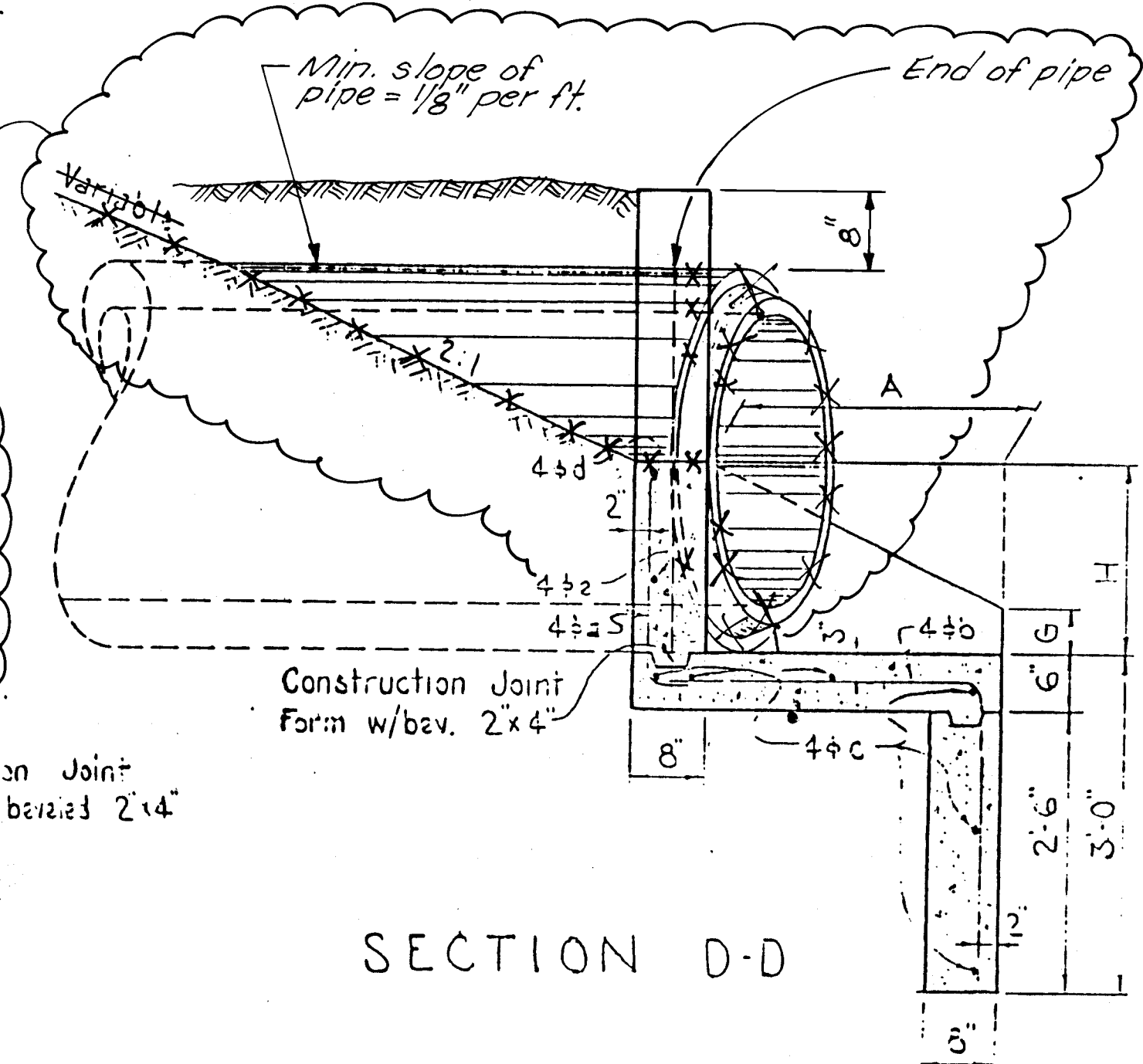


NOTE: See Sheet 1 Serial HA-3-63 for General Notes and Design Data

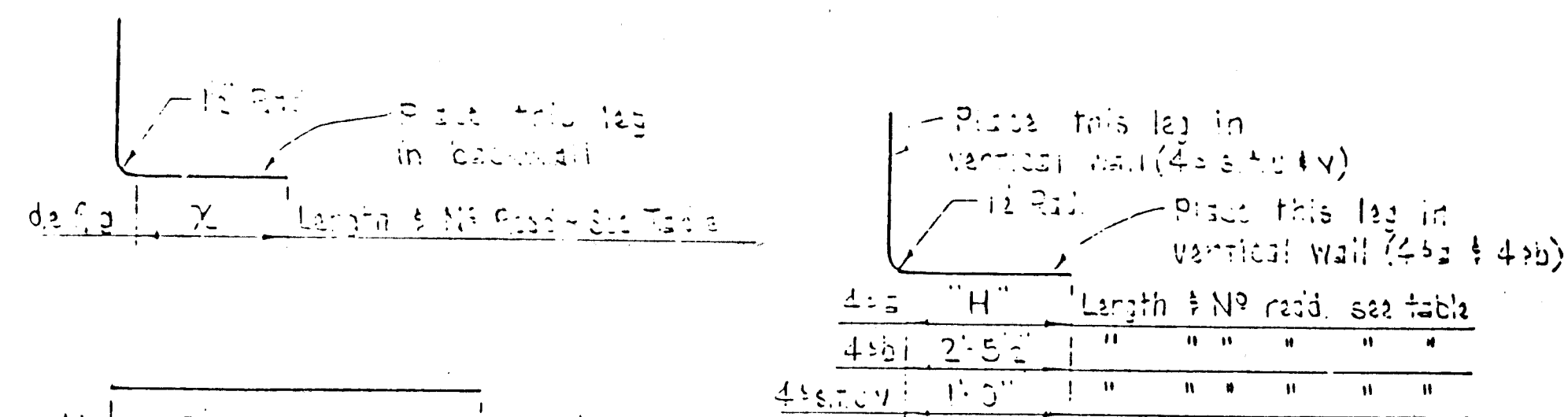


SECTION C-C

NOTE: Spacing of bars shall be approx. 1'-6"



SECTION D-D



BAR BENDING DIAGRAM

PIPE SIZE	TYPE	REINFORCING FOR ONE ENDWALL WITH ONE PIPE														ADD FOR EACH ADDITIONAL PIPE											
		a bars		b bars		c bars		d bars		e bars		f bars		g bars		h bars		i bars		j bars		QUANTITIES		PIPE		QUANTITIES	
		Length X	Area	Length X	Area	Length X	Area	Length X	Area	Length X	Area	Length X	Area	Length X	Area	Length X	Area	Length X	Area	Length X	Area	Steel Lbs.	Cu. Yds.	No. of Bars	Length X	Steel Lbs.	Cu. Yds.
Ø 15"	A	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	52	0.33	2	2.0	52	0.33
	B	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	57	1.00	2	2.0	57	1.00
	C	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	98	1.17	2	2.0	98	1.17
	D	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	170	1.36	3	4.0	170	1.36
	E	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	53	1.85	3	5.0	53	1.85
	F	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	100	1.92	3	5.0	100	1.92
	G	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	112	2.19	4	6.0	112	2.19
	H	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	121	2.40	4	6.0	121	2.40
	I	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	142	2.71	4	7.0	142	2.71
	J	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	164	2.99	4	7.0	164	2.99
	K	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	175	3.39	4	8.0	175	3.39
	L	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	210	4.23	4	9.0	210	4.23
Ø 30"	A	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	59	1.03	2	2.0	59	1.03
	B	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	84	1.21	2	3.0	84	1.21
	C	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	79	1.39	3	3.0	79	1.39
	D	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	87	1.73	3	4.0	87	1.73
	E	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	123	2.23	3	5.0	123	2.23
	F	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	133	2.50	4	6.0	133	2.50
	G	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	154	2.59	4	7.0	154	2.59
	H	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	163	3.22	4	7.0	163	3.22
	I	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	193	3.71	4	8.0	193	3.71
	J	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	216	4.35	4	8.0	216	4.35
	K	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	237	4.54	4	9.0	237	4.54
	L	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	251	5.61	4	10.0	251	5.61
Ø 45"	A	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	74	1.35	2	3.0	74	1.35
	B	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	97	1.82	2	4.0	97	1.82
	C	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	113	2.14	3	4.0	113	2.14
	D	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	139	2.76	4	6.0	139	2.76
	E	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	176	3.49	4	7.0	176	3.49
	F	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	209	3.79	4	7.0	209	3.79
	G	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	230	4.40	5	8.0	230	4.40
	H	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	254	5.02	5	9.0	254	5.02
	I	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	296	5.91	5	10.0	296	5.91
	J	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	335	6.48	5	10.0	335	6.48
	K	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	373	7.35	5	11.0	373	7.35
	L	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	457	9.14	5	12.0	457	9.14

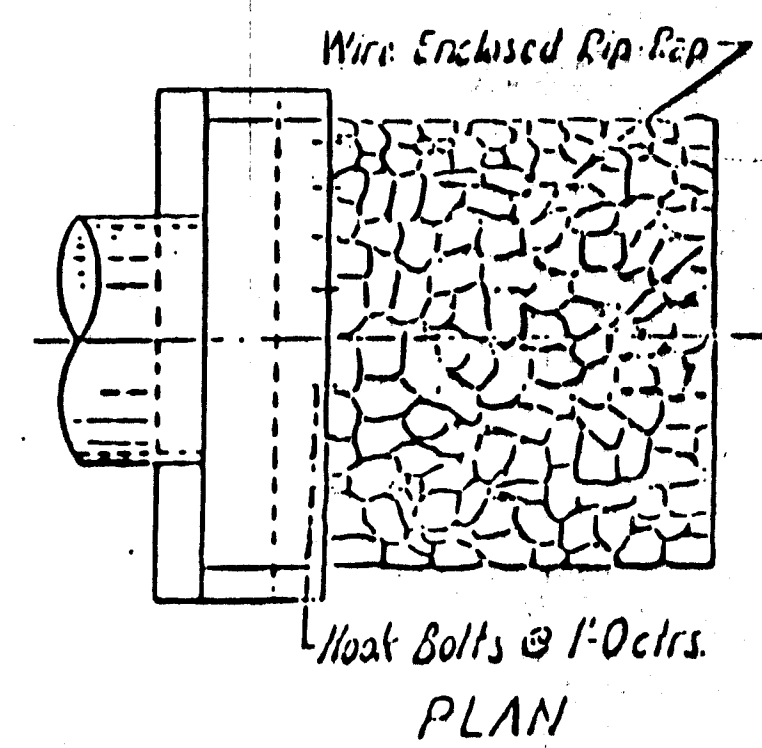
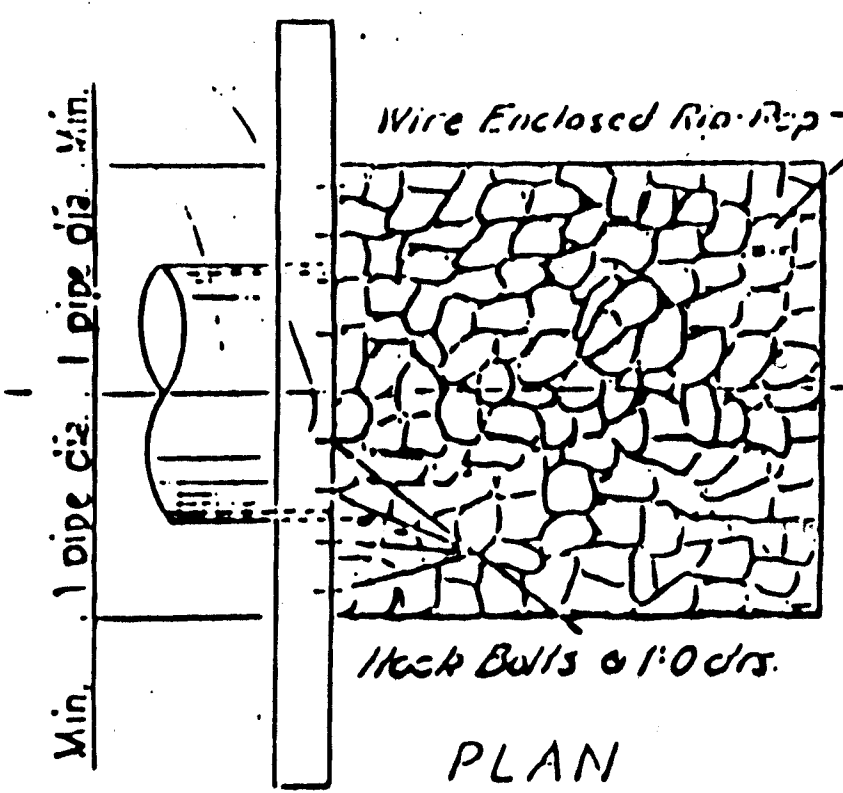
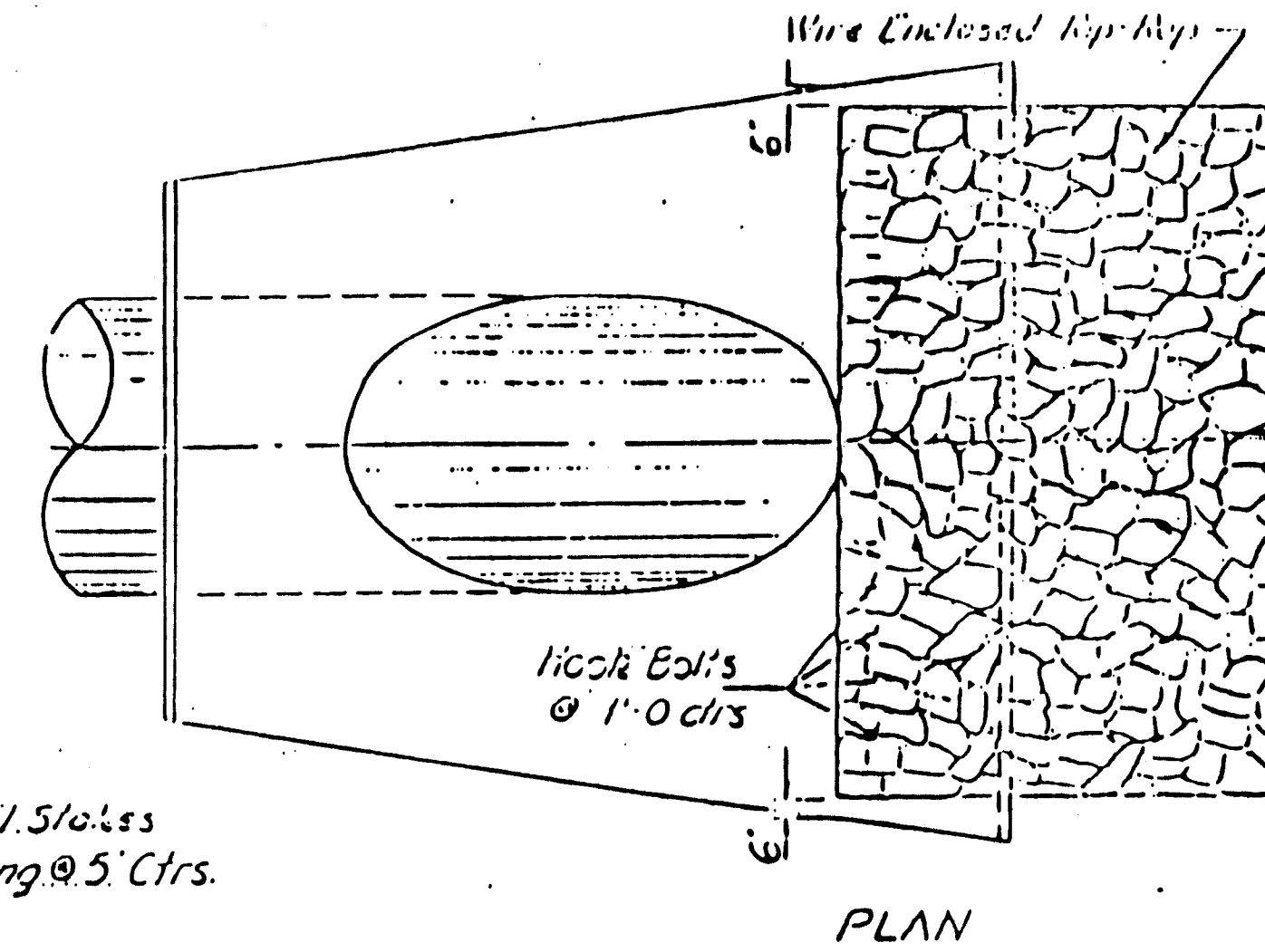
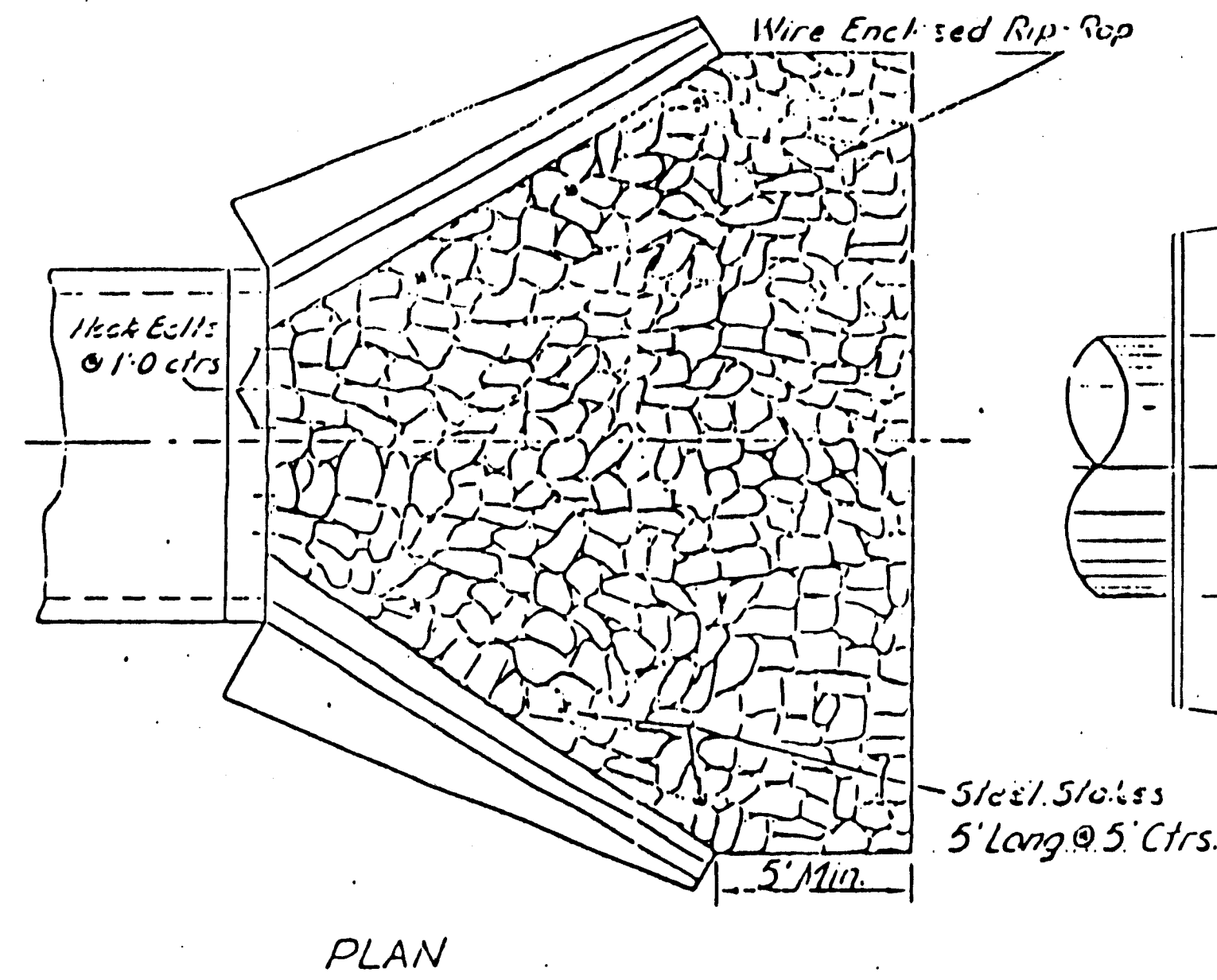
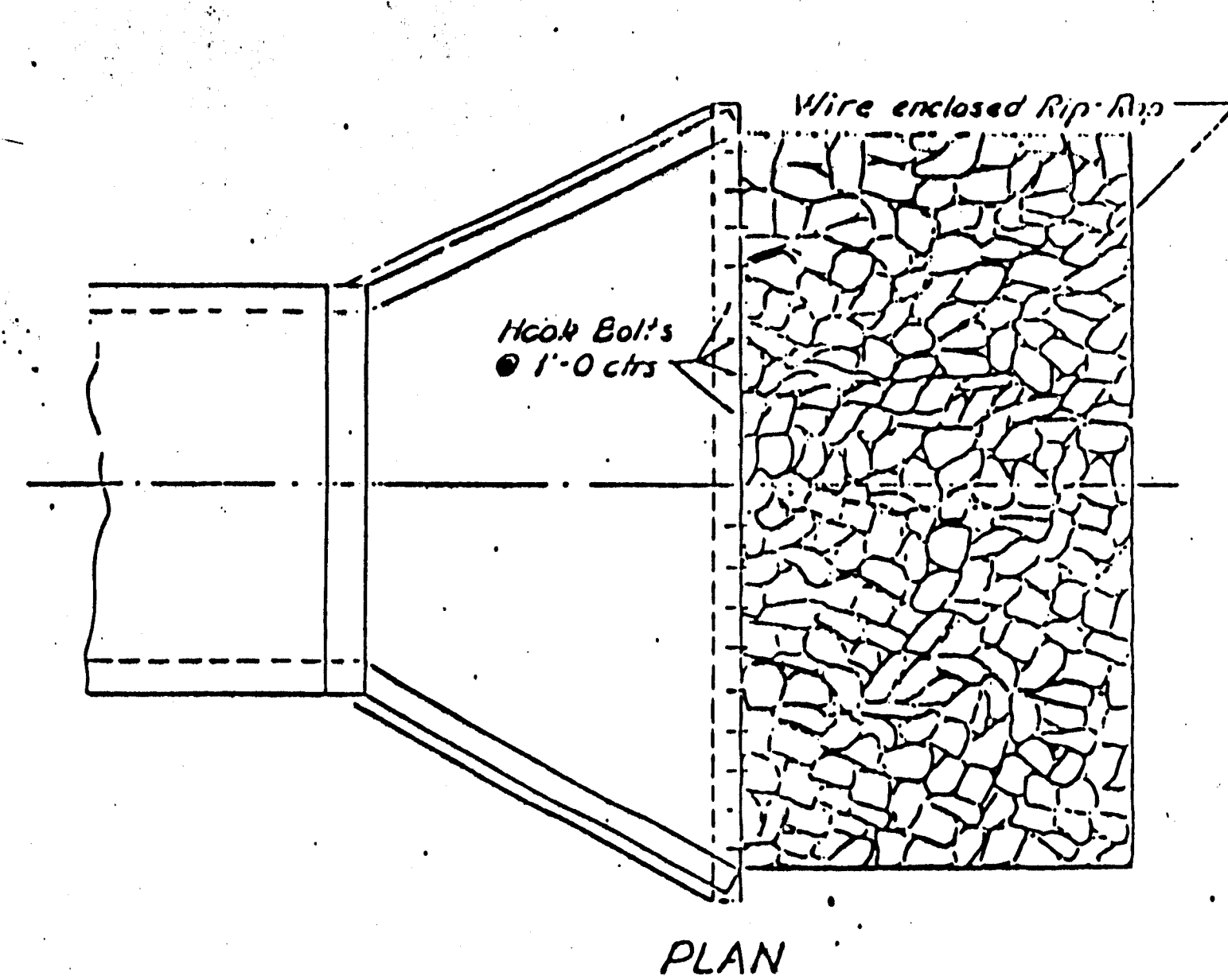
THIS SERIAL REVISED: 3-24-64

NO.	DESCRIPTION	DATE	BY
1	Revised piping & headwall design	8-14-96	KGP
2	Sheet redrawn to provide for additional pipe sizes	3-24-64	KGP
REVISIONS NOTED ABOVE			
NEW MEXICO STATE HIGHWAY DEPARTMENT SKEWED ELLIPTICAL CONCRETE PIPE ARCH CULVERT ENDWALLS (MODIFIED)			
SERIAL HA-3-63			

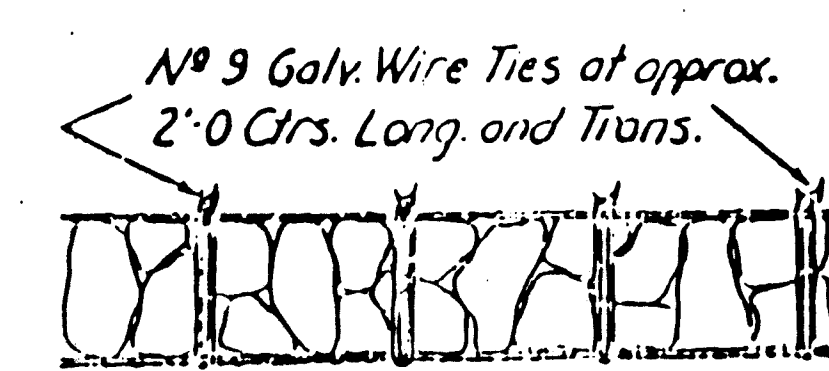
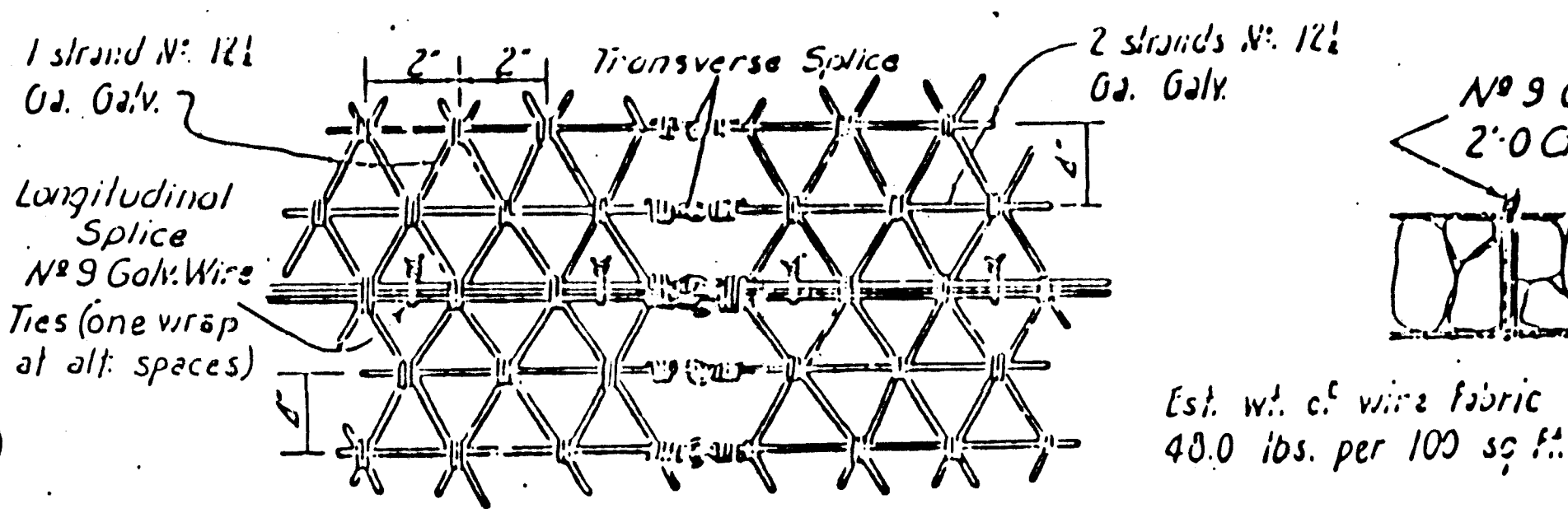
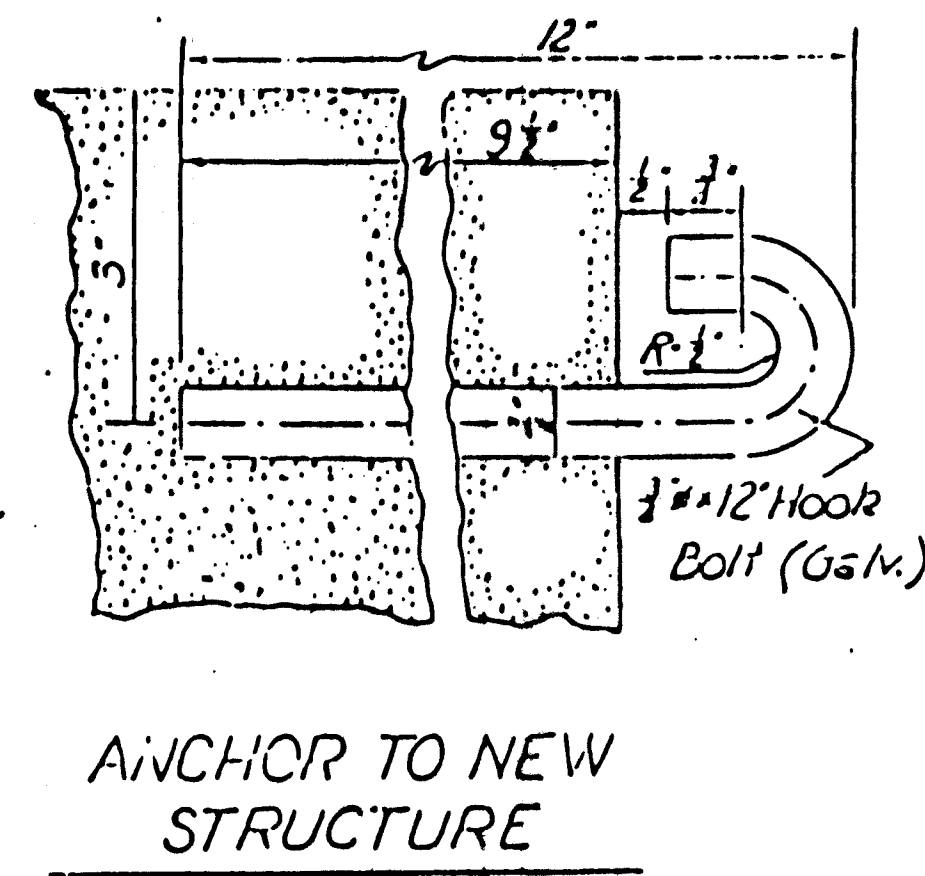
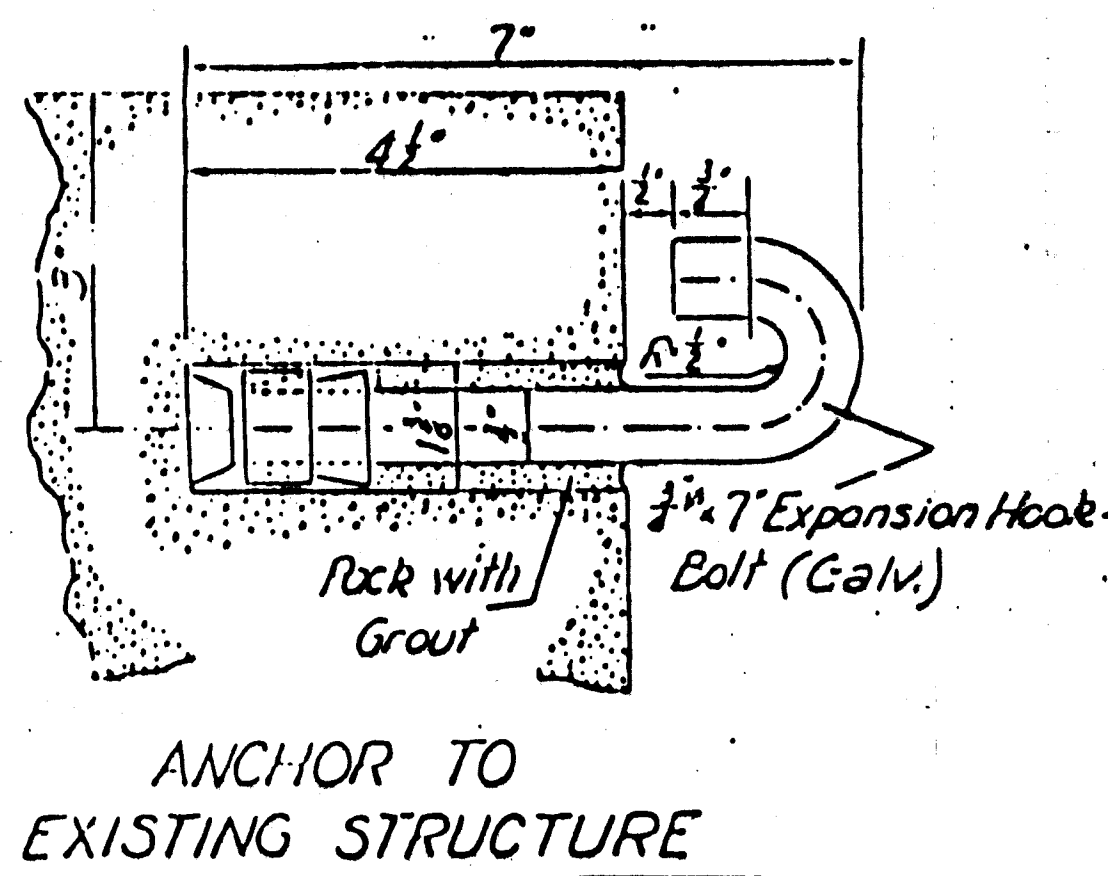
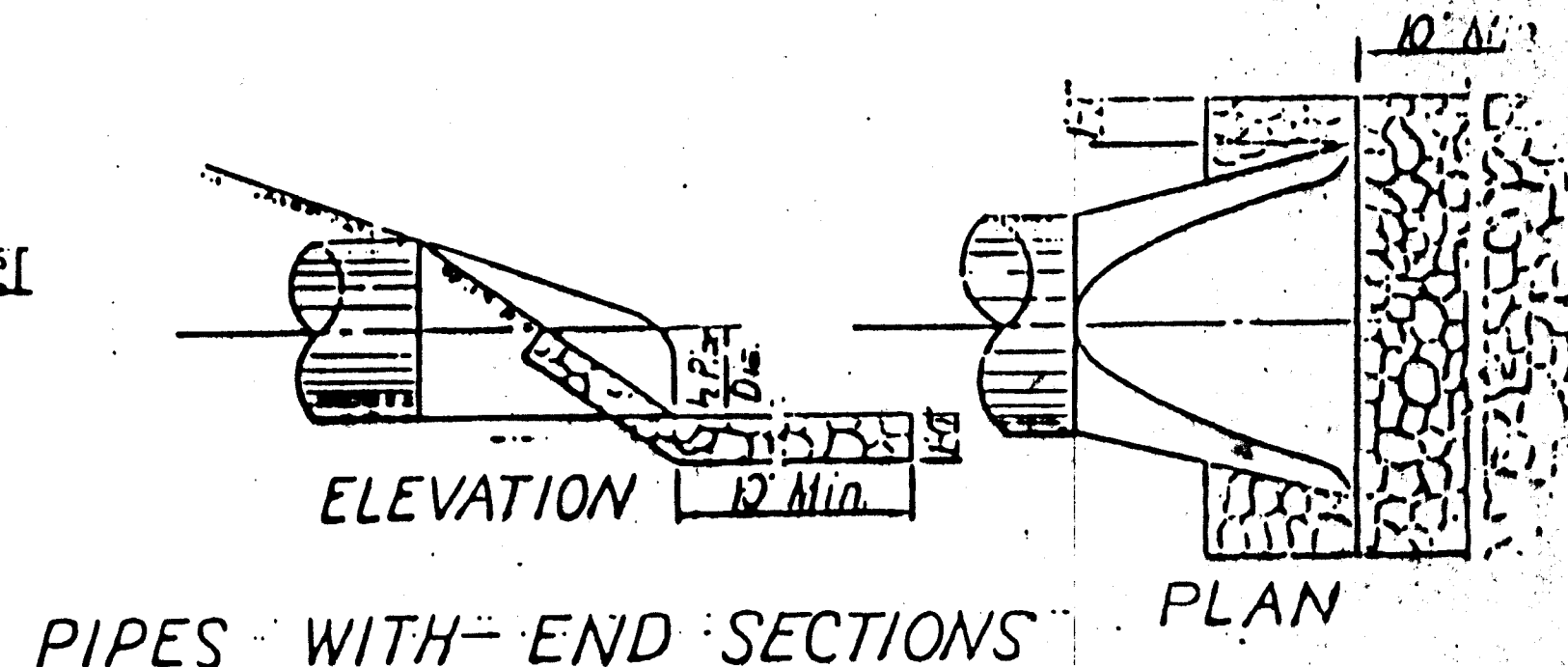
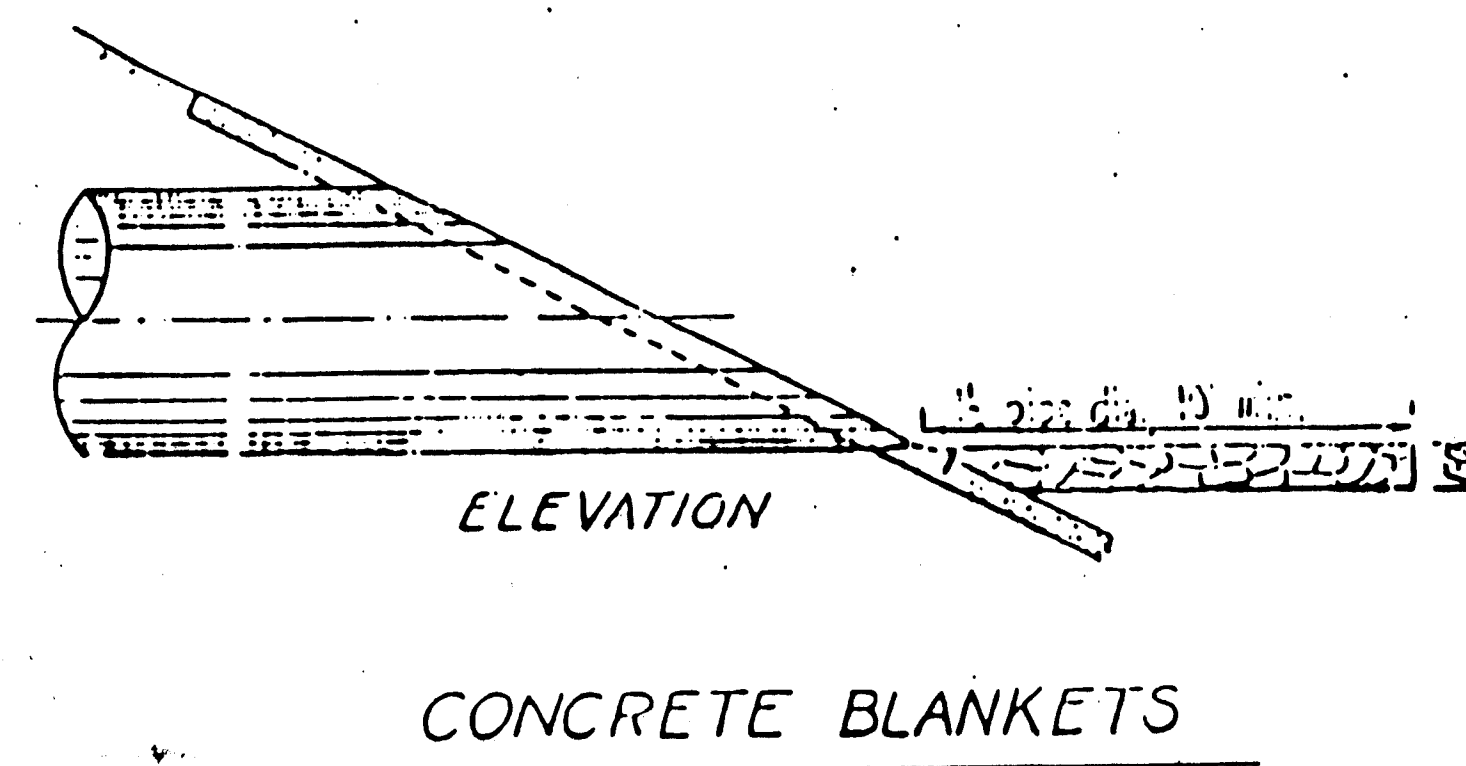
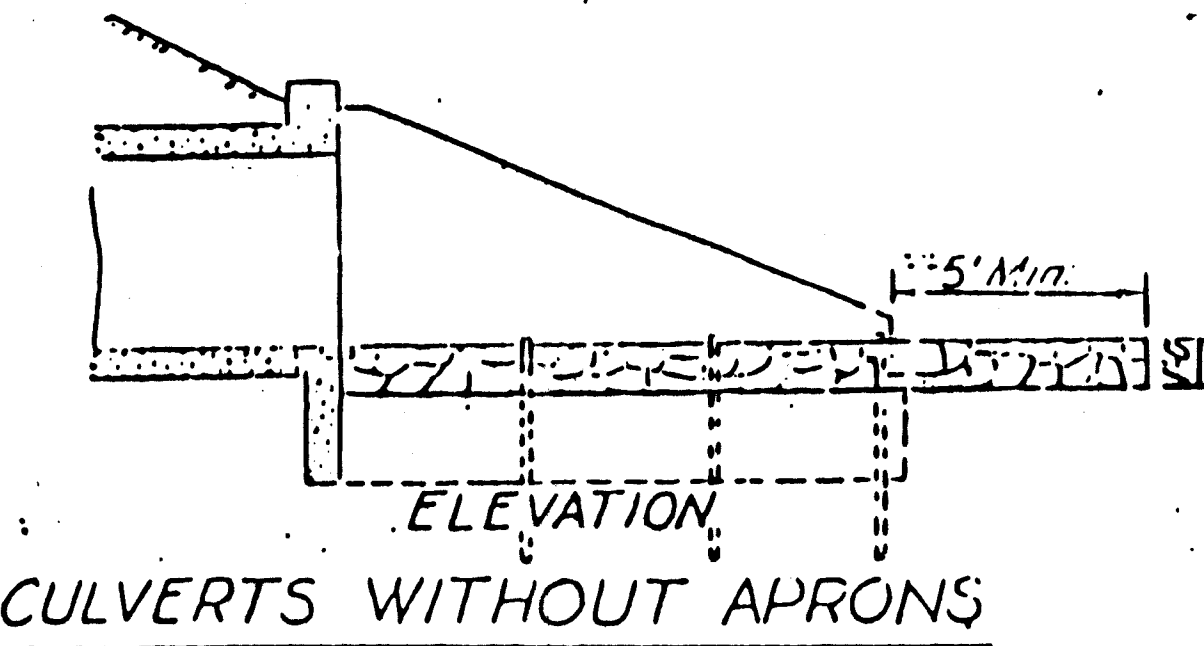
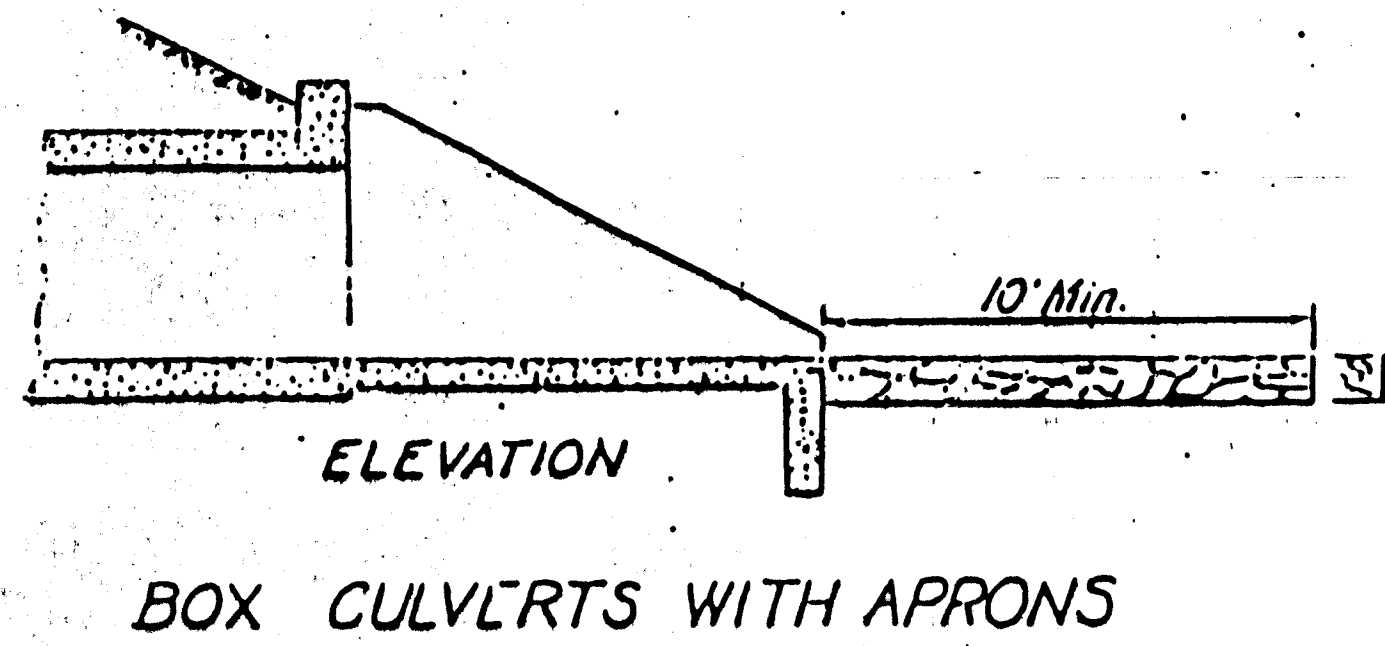
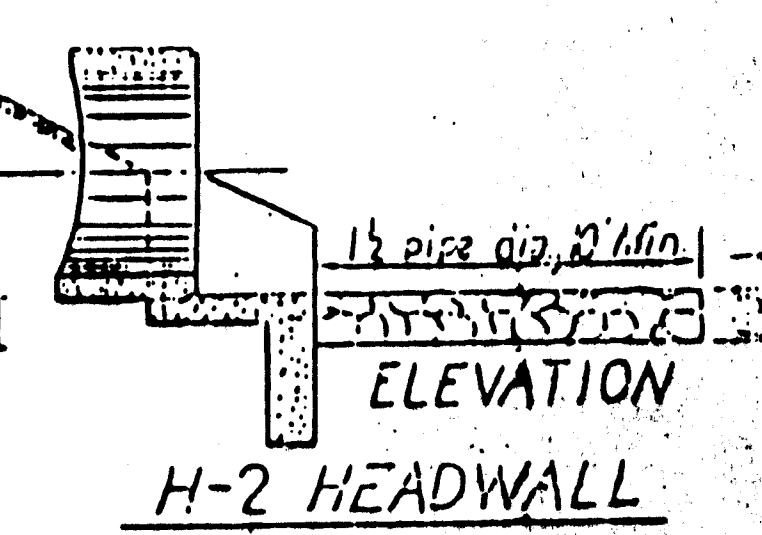
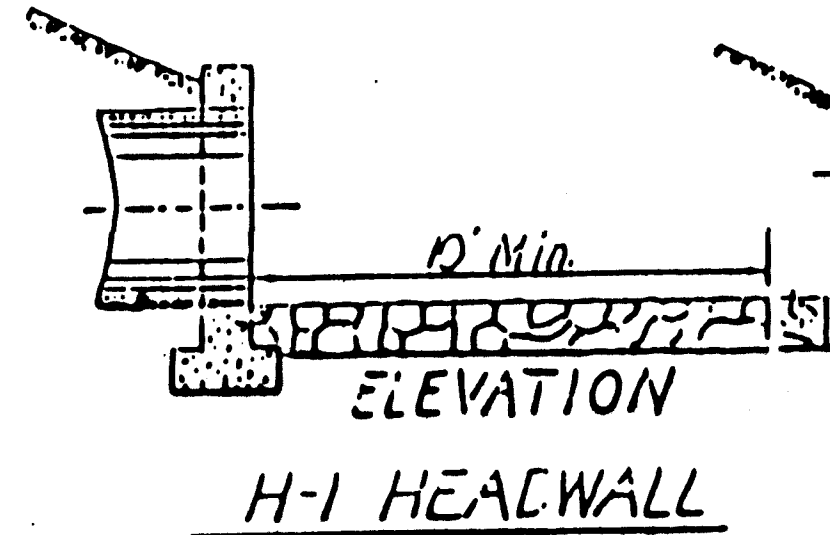
APPROVED: Bridge Engineer
BRIDGE ENGINEER
No. 9 of 10

CPN 5097.92

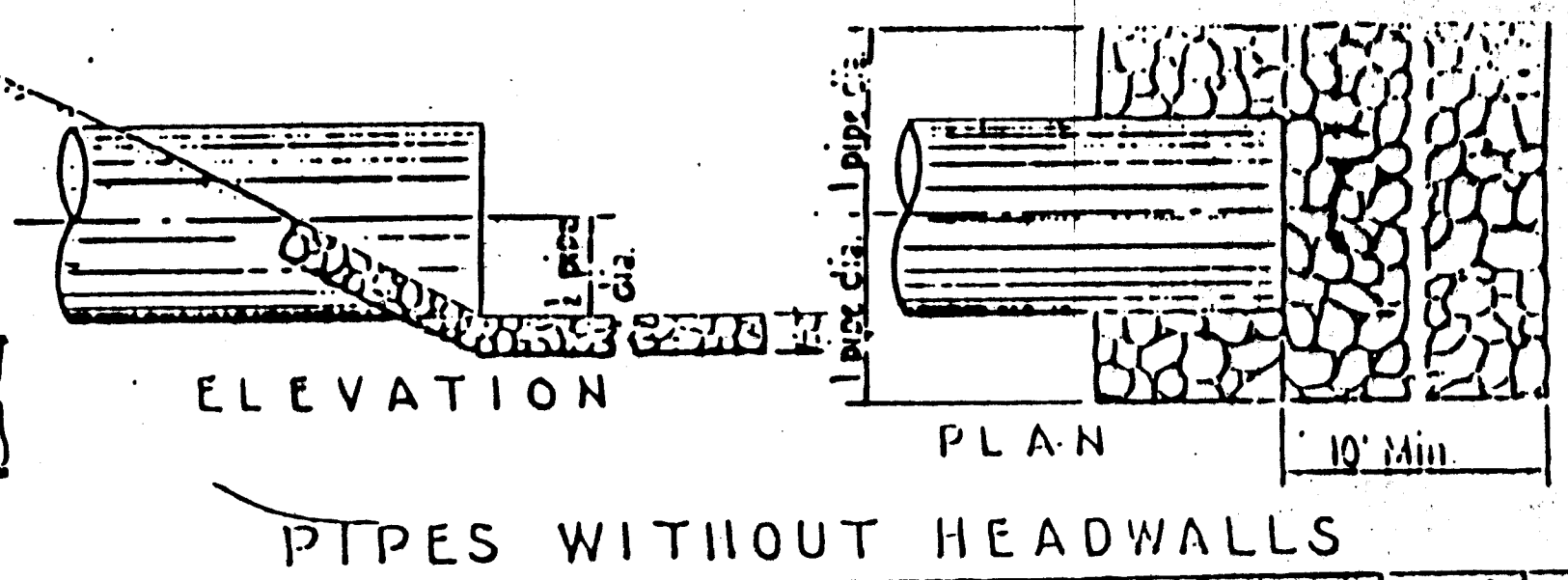
SCANNED BY LASON



Steel stakes may be railroad rails weighing not less than 30 lbs. per yard, 4" O.D. Std. Strength Galv. Steel Pipe, or 4"x4"x8" steel angles.

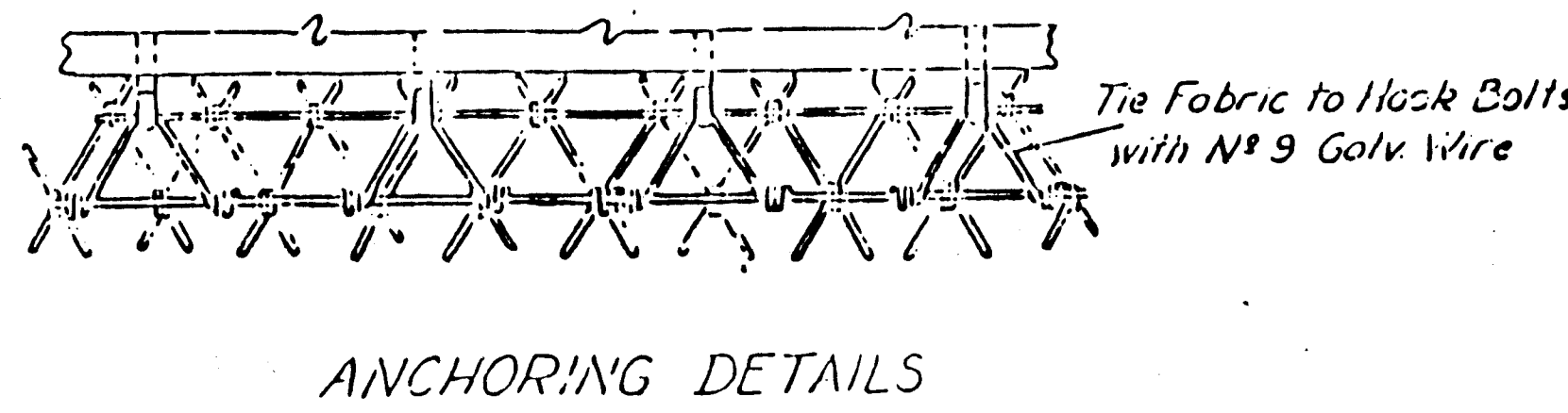
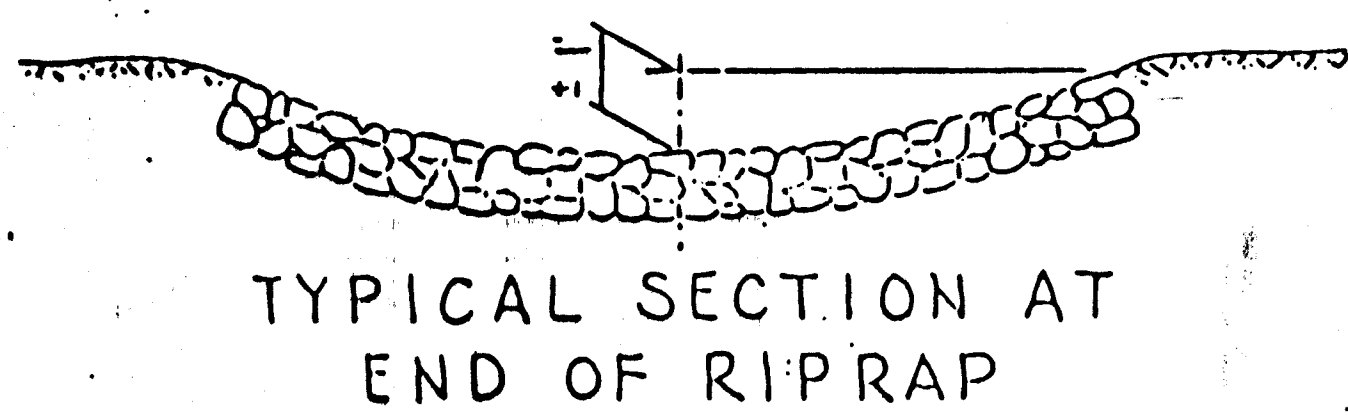


Est. wt. of wire fabric 40.0 lbs. per 100 sq. ft.



DETAILS OF HOOK BOLTS
cost of hook bolts in place to be included in unit price bid for riprap.

Center of riprap to be about 1' min. below outer edges of outlet end. Place riprap to fill channel banks where possible.



THIS SERIAL REVISED: 3-17-80

GENERAL NOTES

1. Materials and workmanship to conform to N.M.S.H. Department Specifications.
2. Dimensions of Rip-Rap to be determined in field.
3. Riprap is shown for single pipes. For multiple pipe installations extend riprap beyond outside pipes as shown in plan for single pipes, and place riprap between pipes as shown in elevation.
4. For description of wire fabric and permissible alternate pattern, see Standard Drawing Serial BRR-001.

REVISIONS FOR CHANGE NOTICES		DATE	BY
1	GALV. DELETED TWO PLACES	7-18-71	J.H.
2	Seal at end of riprap	4-30-72	JS
3	Hook bolts to be galvanized	7-4-72	J.H.
4	Added pipes with end sections	11-14-73	LS
5	Added spec. without which channels length of riprap pipes	1-29-77	JS
6	Increased width of H-2 headwall	6-7-77	J.H.
7	Added General Note #4	3-17-80	EC
No.	DESCRIPTION	DATE	BY

NEW MEXICO
STATE HIGHWAY DEPARTMENT
DETAILS OF EROSION CONTROL
AT CULVERT OUTLETS

26-5097.92

Approved: *[Signature]* 2-16-81
Bridge Engineer