

# ALVARADO GARDENS TR.17-A

## INDEX

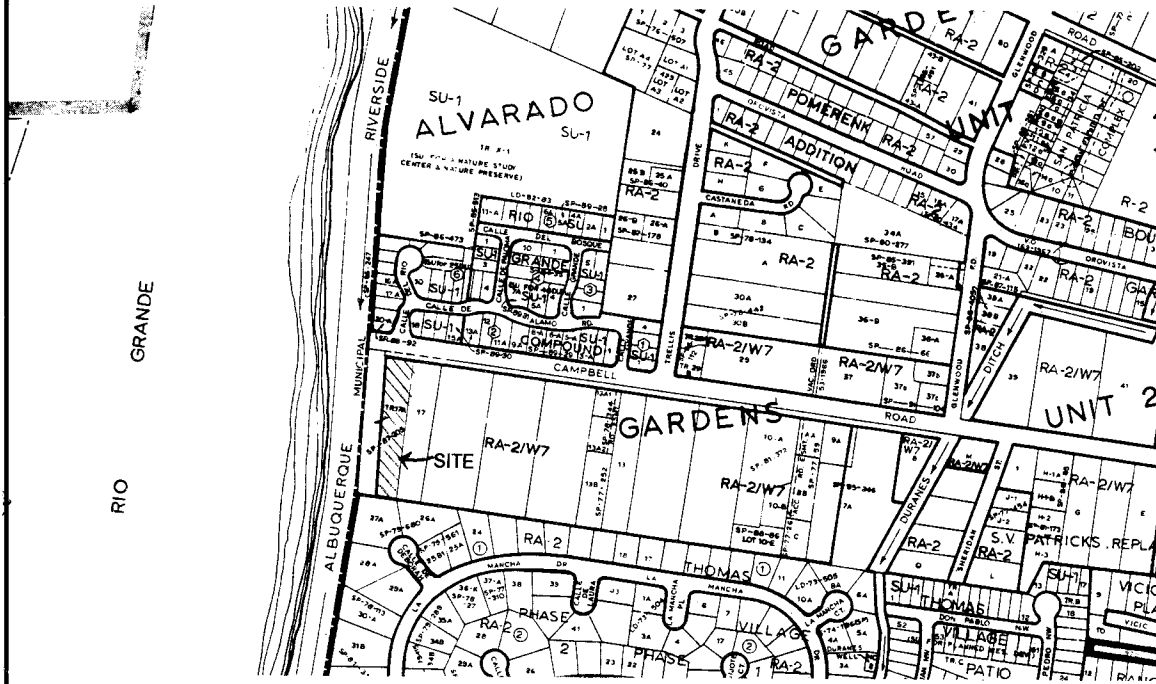
### SHEET TITLE

### SHEET NO.

TITLE SHEET	1 OF 4
PLAT	2 OF 4
DRAINAGE / GRADING PLAN	3 OF 4
PLAN AND PROFILE	4 OF 4

VICINITY MAP G-12

1" = 800'

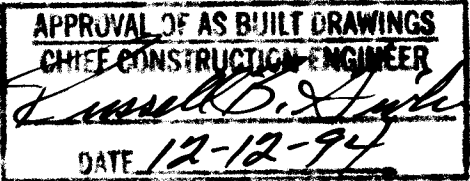


### NOTICE TO CONTRACTOR


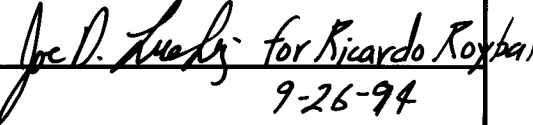
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, LATEST UPDATE.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALLS SYSTEM (260-1110) FOR LOCATION OF EXISTING UTILITIES.
- 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.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATIONS 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 (766-2251) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 11 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY 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.

### THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY 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.



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
26 49 89 19 00 19 94

REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
C.L. WEISS ENGINEERING, INC.							APPROVED FOR CONSTRUCTION		
									
POST OFFICE BOX 97 SANDIA PARK, N.M., 87047 (505) 281-1800							9-28-94		
PROJECT NO. 4989.90							SHEET 1 OF 4		

SCANNED BY  
RVL/ASON

PLAT OF  
TRACTS 17-A-1 THROUGH 17-A-5,  
**ALVARADO GARDENS**  
**UNIT NO. 2**

Albuquerque, New Mexico

Sec. 1, T. 10N., R. 2E., N4PM  
May, 1994 Job 4645 ERE JLM

**DISCLOSURE STATEMENT:**

The purpose of this Replat is to divide  
one tract into five tracts.

and to vacate the adjacent portion of a  
ditch easement (Ord V 94-46)

**APPROVALS:**

PROPERTY MANAGEMENT \_\_\_\_\_ DATE  
*Nick Clark* 060794  
CITY SURVEYOR \_\_\_\_\_ DATE

CITY ENGINEER \_\_\_\_\_ DATE  
*Robert W. Kane* 6-28-94  
TRANSPORTATION DIVISION \_\_\_\_\_ DATE

A.N.A.F.C.A. \_\_\_\_\_ DATE  
*Carmen Shaw* 6-28-94  
PARKS & RECREATION DEPT. \_\_\_\_\_ DATE

*Robert W. Kane* 6-28-94  
UTILITY DEVELOPMENT DEPT. \_\_\_\_\_ DATE

PLANNING DEPT. \_\_\_\_\_ DATE

*Paul P. P. P.* 6-7-94  
PUBLIC SERVICE CO. OF N.M. \_\_\_\_\_ DATE

*Walter R. R.* 6-1-94  
GAS CO. OF N.M. \_\_\_\_\_ DATE

*Walter R. R.* 6-1-94  
JONES INTERCABLE \_\_\_\_\_ DATE

DRB 94-255  
TALOS 94-0531 10310293  
UPC 1012-060-169-210-40735



VICINITY MAP

G-12-Z



**NOTES:**

- Bearings are based on Plat of LOT 17-A, ALVARADO GARDENS, UNIT NO. 2, filed 6/17/87
- New Mexico Plane Co-ordinates for the northeast corner of this property are: X=369,756.22 and Y=1,500,265.38 (Cent. Zone) Rotation to Grid: + 0 deg. 28 min. 28 sec. CLOCKWISE Tie shown is a ground tie, and is to A.C.S. Monument "6-G12" at SW cor. of Campbell Rd. & Rio Grande Blvd. NW, co-ordinates X=373,054.30 and Y=1,499,723.80 El. 4494.64 +0 deg. 14 min. 39 sec., GCF = 0.9996810
- Unless otherwise indicated, corners are marked by #3 rebars with cap marked LS 4690
- This Plat shows all easements of record and all apparent easements on the property.
- The entrance easement shown hereon is private, for the use of the owners of these Tracts, who are responsible for its maintenance.
- Net areas of these Tracts (excluding entrance easement) are:  
17-A-1 0.3246 AC. 17-A-2 0.3112 AC. 17-A-3 0.3330 AC.  
17-A-4 0.3150 AC. 17-A-5 0.4270 AC.

**DESCRIPTION, FREE CONSENT AND GRANT OF EASEMENTS:**

The above and foregoing division of that certain tract of land in the City of Albuquerque, New Mexico, comprising Tract 17-A of ALVARADO GARDENS, UNIT TWO, as shown and designated on the Plat of said Lot filed in the office of the County Clerk of Bernalillo County, New Mexico, on June 17, 1987, together with the adjacent portion of a former ditch easement, and more particularly described by survey of Elder Company in May, 1994, with bearings related to said recorded Plat, as follows: BEGINNING at the Northeast corner, a point on the southerly line of Campbell Road NW marked by a 1/2" rebar in place whence the northeast corner, a point on the 17-A bears S. 6 deg. 18 min. 47 sec. W., 20.00 feet distant; RUNNING from said beginning-point S. 6 deg. 18 min. 47 sec. W., 562.05 feet to the southeast corner, similarly marked; THENCE N. 81 deg. 19 min. 00 sec. E., 171.22 feet to the northwest corner, which point is the west end of said road line, marked by a 5/8" iron reinforcing rod stake set firmly in the ground with plastic cap bearing L.S. No. 4690; THENCE S. 81 deg. 19 min. 00 sec. E., 171.22 feet along said road line to the point of beginning; CONTAINING 2.0038 acres, more or less; NOW SURVEYED, consent and in accordance with the desires of the undersigned owners and proprietors thereof, and said owners and proprietors hereby grant the easement(s) shown hereon for the purpose(s) specified.

**OWNER AND PROPRIETOR**

STEVEN WILLIAMS, General Contractor, a New Mexico Corporation  
by STEVEN WILLIAMS, President

STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) ss.

The foregoing instrument was acknowledged before me on May 31, 1994, by STEVEN WILLIAMS, President of STEVEN WILLIAMS, GENERAL CONTRACTOR, a New Mexico Corporation, on behalf of said Corporation.

*Edward Ross Elder*  
EDWARD ROSS ELDER, Notary Public  
My Commission expires November 27, 1995.

**SURVEYOR'S CERTIFICATE:**

I, EDWARD ROSS ELDER, a duly qualified Professional Land Surveyor licensed under the laws of the State of New Mexico, hereby certify that this plat and the survey on which it is based were made by me, that they are true and correct to the best of my knowledge and belief, that they meet the Minimum Standards for Surveying in New Mexico and the minimum standards for monumentation and surveys of the Albuquerque Subdivision Ordinance.



*Edward Ross Elder*  
EDWARD ROSS ELDER, N.M.P.L.S. No. 4690

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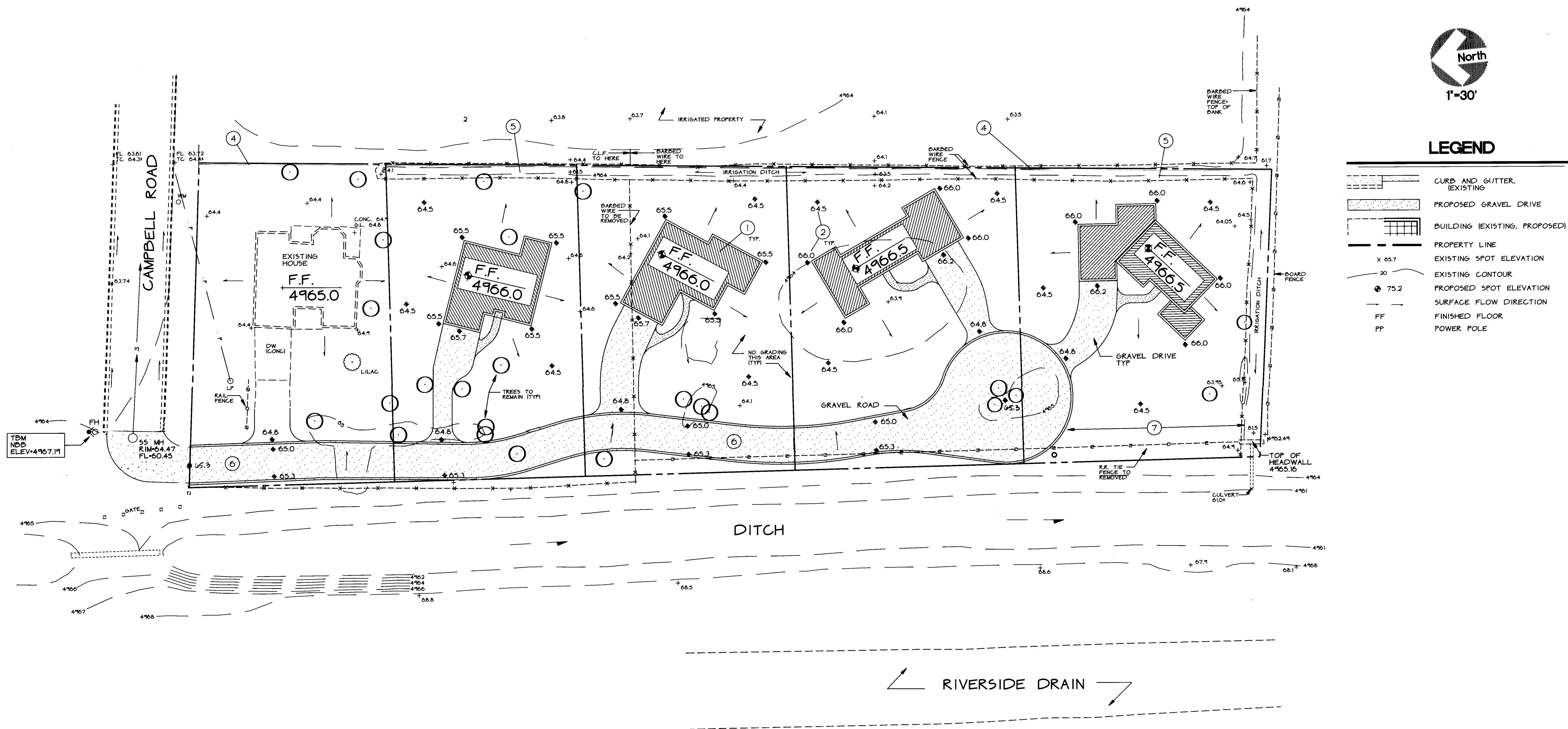
**PUBLIC UTILITY EASEMENTS**

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

- The Public Service Company of New Mexico for the installation, maintenance, and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
- The Gas Company of New Mexico for the installation, maintenance, and service of overhead and underground gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- 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 service, including but not limited to above ground pedestals and structures.
- Jones InterCable for the installation, maintenance, and service of all buried, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included in the right to build, rebuild, reconstruct, locate, relocate, change, remove, modify, repair, replace, and maintain facilities for the purpose described above, together with the right to, then, and ever, and easements, including in future, working area space for electric transformers, with the right and privilege to use and remove lines, poles or bunnies which interfere with the purpose and work hereof. No building, sign, post (aboveground or belowground), pole, line, structure or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be jointly responsible for carrying any violations of National Electrical Safety Code caused by construction of poles, building, or any structure adjacent to within or near easements shown on this plat.





## KEYNOTES

## GENERAL NOTES:

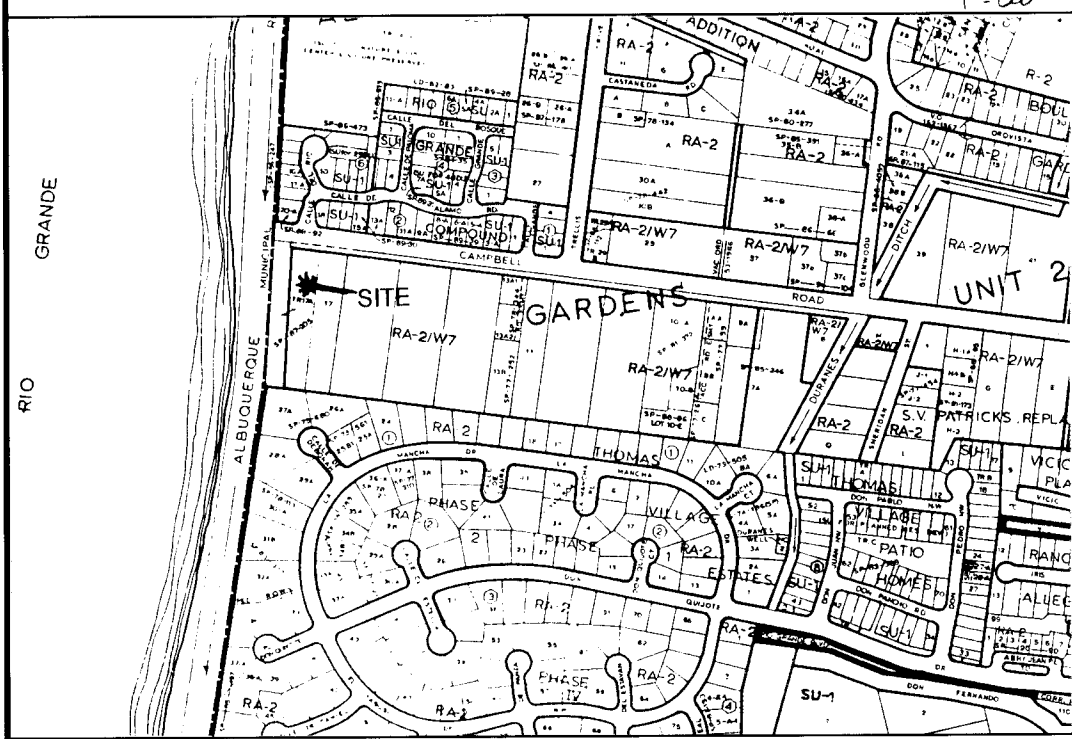
- HOUSE SIZE AND LOCATIONS SHOWN ARE APPROXIMATE AND ARE PROVIDED FOR INFORMATION ONLY. ACTUAL HOUSE PLACEMENT WILL BE DETERMINED BY LOT PURCHASER AND WILL BE IN ACCORDANCE WITH C.O.A. STANDARDS.
- ALL HOUSE FF'S TO BE AS SHOWN. FINISHED GRADE AT ALL POINTS OUTSIDE HOUSE WILL BE 6" BELOW FF AND GRADE SHALL SLOPE TO PROPOSED GRADE: 4964.5 WITHIN 10' ON ALL SIDES.
- HOMEOWNERS SHALL BE PROHIBITED FROM ALTERNATING GRADING WHICH CAUSES CHANGES TO THE RUNOFF PATTERNS ESTABLISHED BY THIS PLAN.
- CONSTRUCT FLOOD WALL ALONG EAST PROPERTY LINE.
- REMOVE EXISTING IRRIGATION DITCH THIS AREA.
- ROADWAY TO BE RAISED TO ELEVATIONS SHOWN TO PROVIDE BARRIER TO FLOWS LEAVING THE SITE ON THE WEST SIDE.
- CONSTRUCT COMPACTED EARTH BERM FROM RAISED CUL-DE-SAC TO SOUTHWEST CORNER OF TRACT TO COMPLETE WESTERN BARRIER.

## RESUBMITTAL COMMENTS

- FLAT GRADING AT 4964.5
- FLOOD WALL ALONG EAST PROPERTY LINE
- RAISED ROADWAY / BERM ALONG WEST PROPERTY LINE.

*Chris Weiss* 6-9-94  
CHRISTOPHER L. WEISS DATE

## VICINITY MAP #G-12-Z



## FEMA MAP #8



## GENERAL NOTES

**LEGAL:** Tract 17 A, Alvarado Gardens, Bernalillo County, NM.

**SURVEYOR:** Ross Elder Surveying Co. / Boundary and Topographical.

**T.B.M.:** Top of a Fire Hydrant on the north side of Campbell Road at entrance to site.  
Elev. = 4967.19 ft.(M.S.L.D.)

**SOILS:** Soil classification per USGS Soil survey, - Brazito: (Br) soil is predominately fine sandy loam to silty clay loam, Hydrologic soil group 'A'.

**FLOOD ZONE:** The site is not located in a 100 yr. flood zone.

## DESIGN CRITERIA

The tract is a rural area, occupied by a single residence, with large cottonwoods scattered throughout the site. The proposed development will add four more lots, to be accessed from a private, graveled cul-de-sac extending south from Campbell Road. The developer will save the existing trees where possible, with the present irrigation ditch system maintained and upgraded to preserve the valley atmosphere for the proposed development.

The following criteria was established during a pre-design conference on April 28, 1994:

- A flat grading scheme is acceptable if the land is not affected by off-site flows and the site is flat.
- Site flows must be contained on site by either a perimeter wall or elevated ditch.
- Finished floors are to be established one foot above the 100 yr. water surface elevation.
- Covenants will have to be established to insure the maintenance of the existing grading scheme.

## CROSS SURFACE DRAINAGE

Drainage characteristics of the area are typical for the valley -- little-to-no surface cross drainage, and isolated 100-year flood zone areas. For this tract, on-site grades slope gently to the south, with a slight depression located in the center of the area. Flows will not leave the site due to the flat grades and presence of perimeter ditches which surround the site on three sides, except the Campbell Road side. These same ditches would also intercept or divert any cross flow originating from adjoining rural areas, which would be an unlikely occurrence due to the flat grades of the area.

The Brazito series consists of deep, well drained soils, creating a manageable method of absorbing storm drainage through the use of on-site retention ponding. The depth of ponding establishes the minimum finished floor based on the pre-design criteria, assumes no simultaneous infiltration into the soil. In reality, permeability is moderate in the surface layer and rapid below the depth of 3 to 12 inches, thus providing positive drainage for each lot.

## CALCULATIONS

Calculations are based on the Development Process Manual, Vol. 2 Design Criteria, January, 1993. Design based on a 100 year, 6 -storm. Site is located in Precipitation Zone 2.

Results are shown below, with the following summary establishing the minimum finished floor elevations:

- House Area (3000 SF avg.) = 14,750 SF
- Transition grades around houses = 16,000 SF
- Gravel Road / Drives = 15,350 SF
- Total non-ponding areas = 46,100 SF
- Area Available for ponding = 44,472 SF
- Avg. pond depth = 7857 CF/44,472 SF = 0.18', say 0.20'
- Relative max. elevation = 64.6 + 0.2 + 1.0 = 65.8 minimum finished floor. All proposed finished floors will be established at a minimum of 66.0 due to the need to connect to the shallow sanitary sewer main, thus exceeding the minimum elevation established by the drainage criteria.

## CALCULATIONS:

Calculations are based on the Drainage Design Criteria for Bernalillo County, Section 22.2, DPM, Vol 2, dated Jan., 1993

AREA OF SITE: 90572 SF = 2.08 Ac.

## ON-SITE

DEVELOPED FLOWS:	HISTORIC FLOWS:	EXCESS PRECIPITATION:
On-Site Land Condition	On-Site Historic Flow Rate	Precip. Zone 2
Area a = 6000 SF	Area a = 85942 SF	Ea = 0.53
Area b = 54472 SF	Area b = 1600 SF	Eb = 0.78
Area c = 15350 SF	Area c = 0 SF	Ec = 1.13
Area d = 14750 SF	Area d = 3030 SF	Ed = 2.12
Total Area = 90572 SF	Total Area = 90572 SF	

On-Site Weighted Excess Precipitation (100-Year, 6-Hour Storm)  
Weighted E =  $\frac{EaAa + EbAb + EcAc + EdAd}{Aa + Ab + Ac + Ad} = \frac{1.2 \cdot 6000 + 0.78 \cdot 54472 + 1.13 \cdot 15350 + 2.12 \cdot 14750}{90572} = 1.04$

Proposed E = 1.04 in. Historic E = 0.59 in.

On-Site Volume of Runoff: V360 =  $\frac{E \cdot A}{12} = \frac{1.04 \cdot 90572}{12} = 7857$  CF  
Proposed V360 = 7857 CF Historic V360 = 4435 CF

On-Site Peak Discharge Rate: Qp = QpAa + QpAb + QpAc + QpAd / 43,560

For Precipitation Zone 2  
Opa = 1.56 Opc = 3.14  
Oqb = 2.28 Oqd = 4.70  
Proposed Qp = 5.8 CFS Historic Qp = 3.5 CFS

## C.L. WEISS ENGINEERING, INC.

SANDIA PARK OFFICE

POST OFFICE BOX 97  
SANDIA PARK, NM 87047  
(505) 281-1800

ALVARADO OFFICE

1100 ALVARADO DR. NE  
ALBUQUERQUE, NM 87110  
(505) 266-3444

Revisions: June 2, 1994

TRACT 17-A  
ALVARADO GARDENS

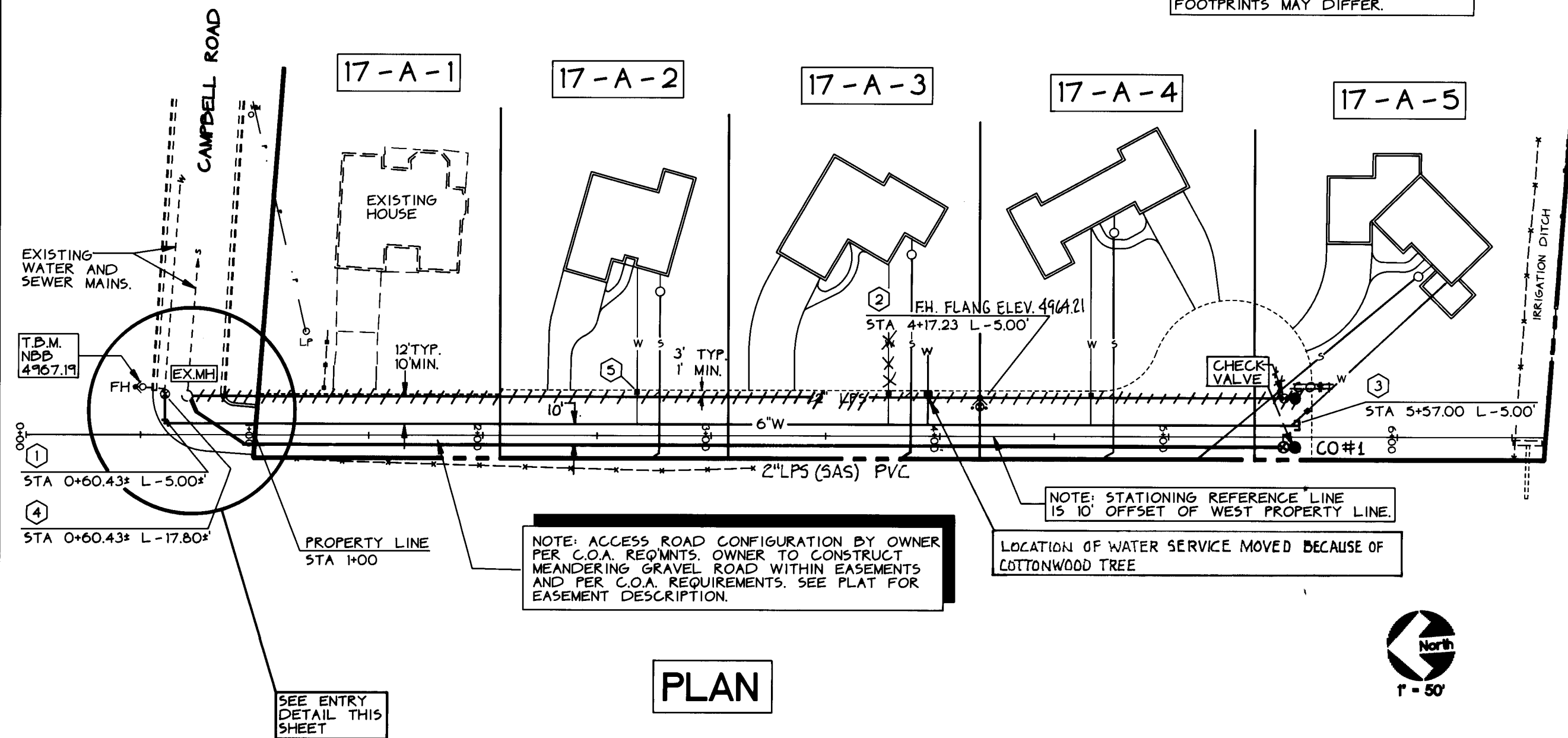
Scale: 1" = 30' Drawn By: BJB Checked By: CLW Job Number: 448990 Date: MAY 1994

DRAINAGE AND  
GRADING PLAN

C-1  
Sh. 1 of 1

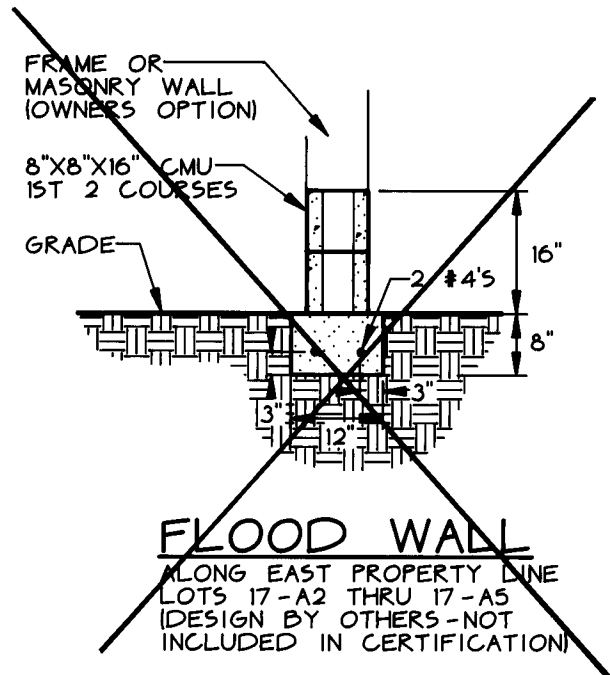
NOTE: LOCATION OF EXISTING WATER MAIN IN CAMPBELL RD FROM C.O.A. DWG. #3211 MAP G-125. EXISTING MH LOCATION AND INVERT ESTABLISHED THRU FIELD SURVEY FOR PROJECT. UTILITIES ARE SUBJECT TO FIELD VERIFICATION FOR CONNECTIONS.

NOTE: HOUSES AND DRIVES SHOWN FOR INFORMATION ONLY. ACTUAL FOOTPRINTS MAY DIFFER.



NOTE: ACCESS ROAD CONFIGURATION BY OWNER PER C.O.A. REQ'TS. OWNER TO CONSTRUCT MEANDERING GRAVEL ROAD WITHIN EASEMENTS AND PER C.O.A. REQUIREMENTS. SEE PLAT FOR EASEMENT DESCRIPTION.

NOTE: STATIONING REFERENCE LINE IS 10' OFFSET OF WEST PROPERTY LINE. LOCATION OF WATER SERVICE MOVED BECAUSE OF COTTONWOOD TREE.

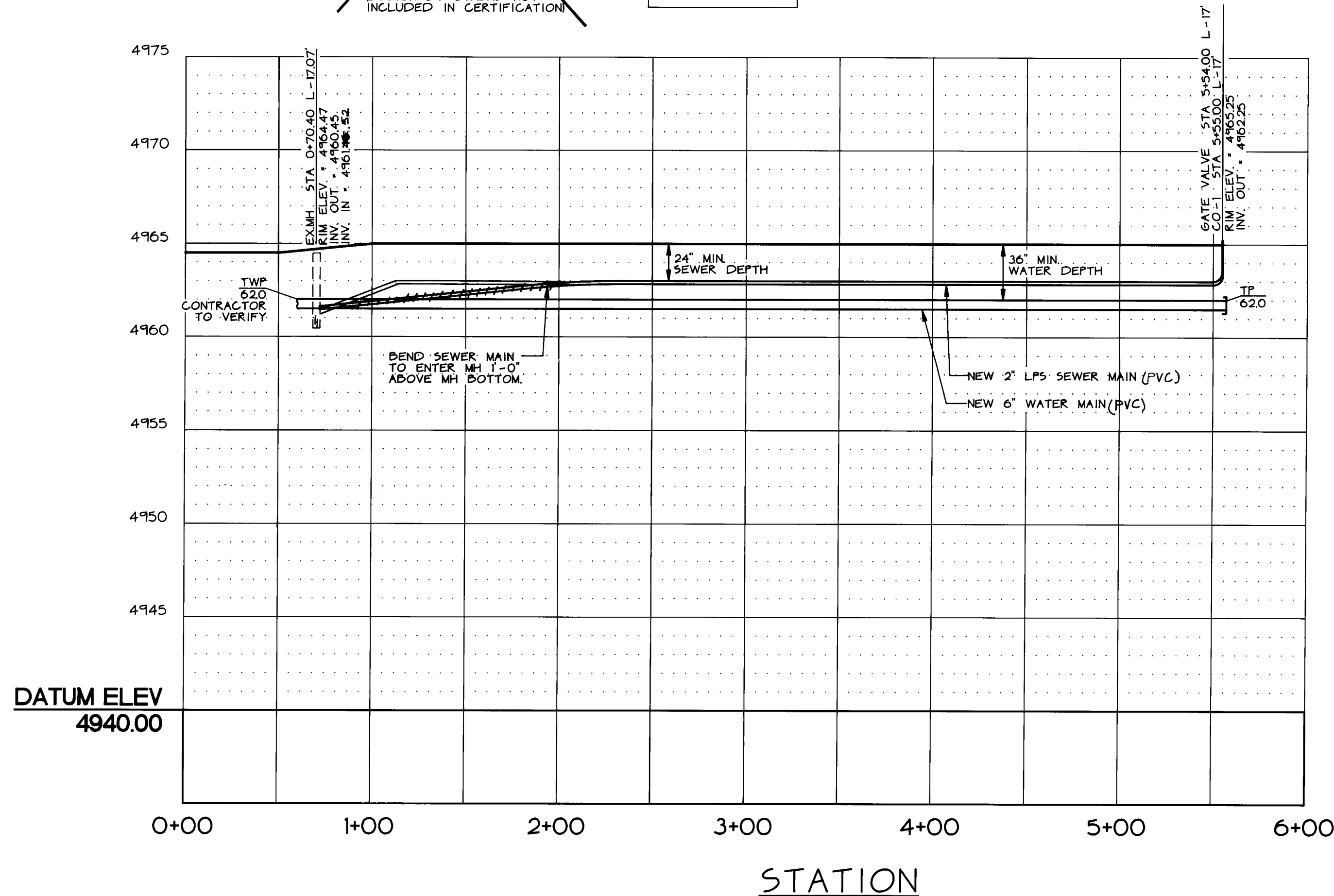


## ALVARADO GARDENS

LOTS 17-A-2 THROUGH 17-A-5

HORIZONTAL SCALE: 1" = 30'  
VERTICAL SCALE: 1" = 5'

## PROFILE



BASED ON 10' EAST OFFSET OF WEST PROPERTY LINE. SEE PLAN.

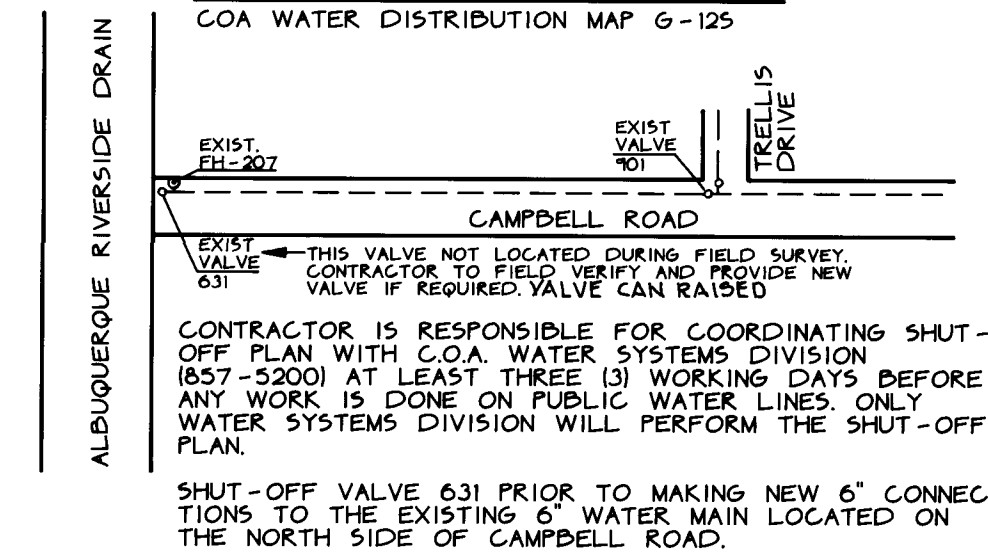
## KEYED WATER NOTES

1. INSTALL 6" 90° BEND
2. INSTALL 6" TEE, FIRE HYDRANT (4.5' BURY), 2 BOLLARDS, BLOCKING, FLANGE ELEVATION = 4965.33 - NO VALVE AT HYDRANT
3. INSTALL 6" CAP AND BLOCKING
4. NONPRESSURIZED CONNECTION, INSTALL 6" GATE VALVE IF REQUIRED - SEE VALVE SHUT-OFF PLAN - NOT REQUIRED
5. TOP OF WATER METER ELEVATION = 4965.20 TYPICAL FOR LOTS 17-A-2 THROUGH 17-A-5

NOMINAL PIPE SIZE	EDDA SERIES NUMBER	RATED PRESSURE
6	1106	350

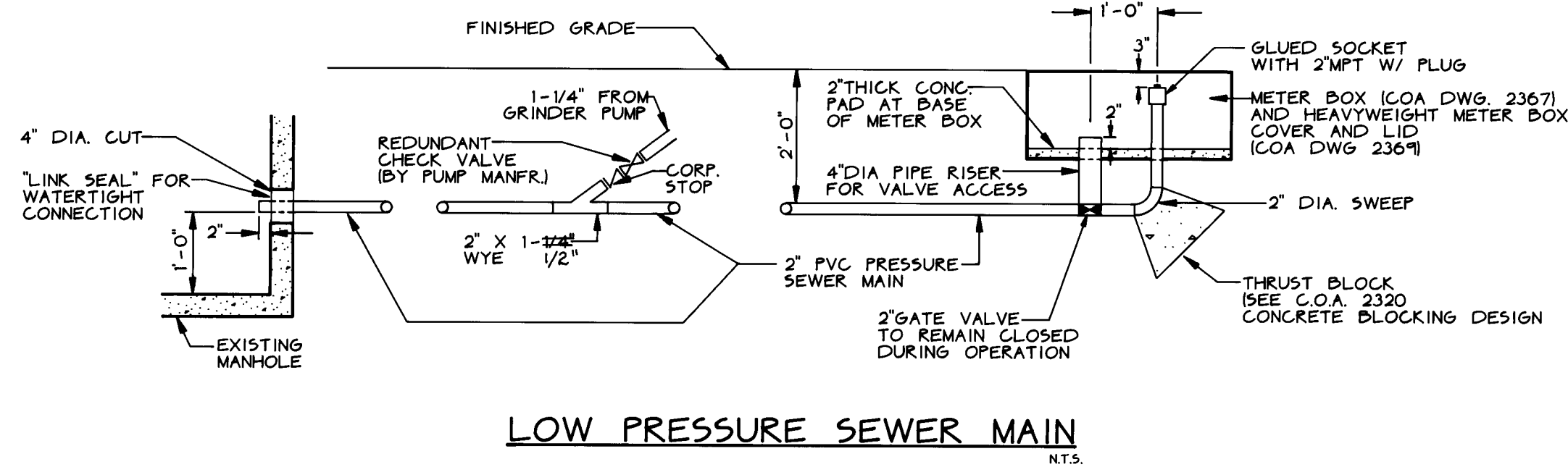
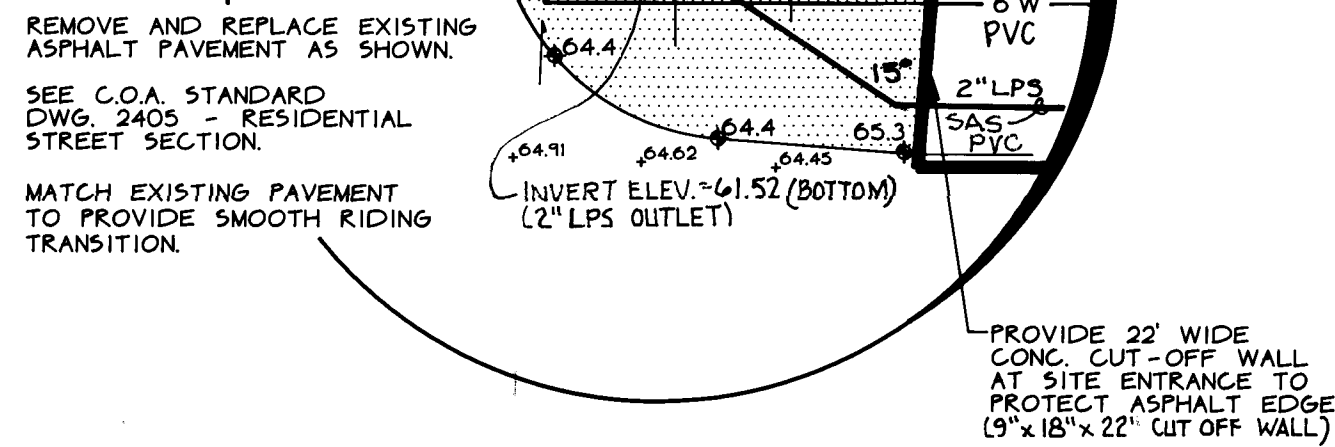
## VALVE SHUTOFF PLAN

C.O.A. WATER DISTRIBUTION MAP G-125



## ENTRY DETAIL

1" = 30'



## STREET SECTION

NTS.

## FIRE HYDRANT BARRICADE

NTS.

## CONSTRUCTION NOTES

1. CONSTRUCT APPROXIMATELY 460 LF 6" DEEP GRAVEL PRIVATE ROAD WITH CUL-DE-SAC.
2. MINIMUM DEPTH OF WATER MAIN SHALL BE 36"
3. REFER TO THE FOLLOWING CITY OF ALBUQ. STANDARD DRAWINGS:
  - 2301 - WATERLINE CONNECTION DETAILS
  - 2305 - PIPE TRENCH TERMINOLOGY
  - 2310 - CONCRETE BLOCKING DESIGN
  - 2320 - VALVE BOX TYPE 'B'
  - 2333 - WATER VALVE ANCHORAGE
  - 2340 - FIRE HYDRANT INSTALLATION
  - 2347 - FIRE HYDRANT LOCATIONS
  - 2360 - WATER METER BOX LOCATION
  - 2361 - METER BOX INSTALLATION
  - 2362 - SERVICE LINE INSTALLATION
4. INSTALL E.M.D. AT ALL BENDS AND TEES ON WATER LINE.
5. ALL VALVES SHALL RESILIENT SEAT TYPE.
6. APPROVED WATER LINE MATERIAL: C900, PVC, DI OR APPROVED EQUAL.
7. PLACE CONCRETE BLOCKING AT ALL BENDS, TEES, VALVE ANCHORAGES AND HYDRANTS.
8. 3' X 3' X 4" CONCRETE PAD TO BE POURED AROUND HYDRANT.

## SEWER MAIN NOTES

1. STATIONING OF CLEANOUTS AND SEWER MAIN SHALL BE AS SHOWN ON PLAN.
2. SEWER MAIN TO BE 2" DIA. SDR 21 PVC PIPE.
3. SEE DETAIL THIS SHEET FOR MAIN CLEANOUT.
4. SEWER SERVICE TO BE LPS (LOW PRESSURE SEWER) SYSTEM WITH ENVIRONMENT ONE GRINDER PUMPS (OR APPROVED EQUAL). REFER TO THE FOLLOWING ENVIRONMENT ONE MANUFACTURER'S STANDARD DETAILS, AND SPECIFICATIONS FOR INSTALLATION (OR APPROVED EQUAL).
  - PA 0857 POI: ASSEMBLY, GRINDER PUMP MODEL 210-74
  - PA 0872 POI: PANEL, MODEL 50-4
  - PA 0913 POI: REDUNDANT CHECK VALVE
5. PUMP TANK CONCRETE ANCHOR TO PREVENT TANK FROM FLOATING (PER MANFR. DTL).
6. REFER TO THE FOLLOWING CITY OF ALBUQ. STANDARD DRAWINGS:
  - 2361 - METER BOX INSTALLATION
7. IN ORDER TO PRESERVE EXIST. COTTONWOOD TREES, CONTRACTOR MAY ALTER THE MAIN ALIGNMENT UTILIZING THE APPROPRIATE FITTINGS. 10' SEPARATION BETWEEN WATER AND SEWER MAIN MUST BE MAINTAINED AT ALL TIMES.

## LEGEND

- 2" LPS - LOW PRESSURE SEWER MAIN
- EXM - EXIST. VALVE, FLOW DIRECTION
- SEWER SERVICE LINE, GRINDER PUMP
- 6"W - WATER MAIN (EXISTING DASHED)
- VALVE, FIRE HYD. + BARRICADE
- TEE / BENDS / CAP
- W - WATER SERVICE AND METER
- TWP - TOP OF WATER MAIN

## VICINITY MAP: G-12

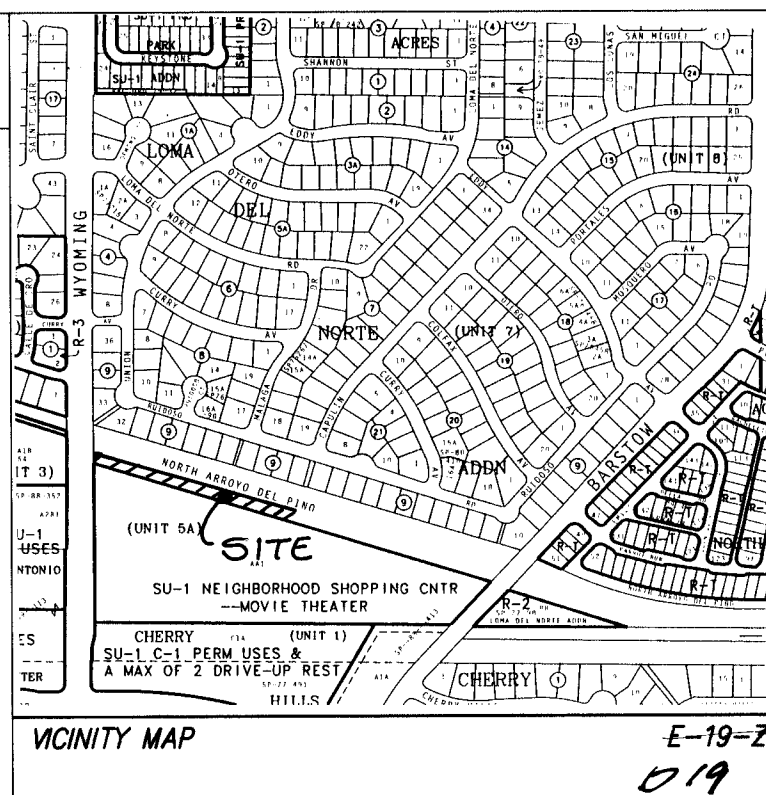
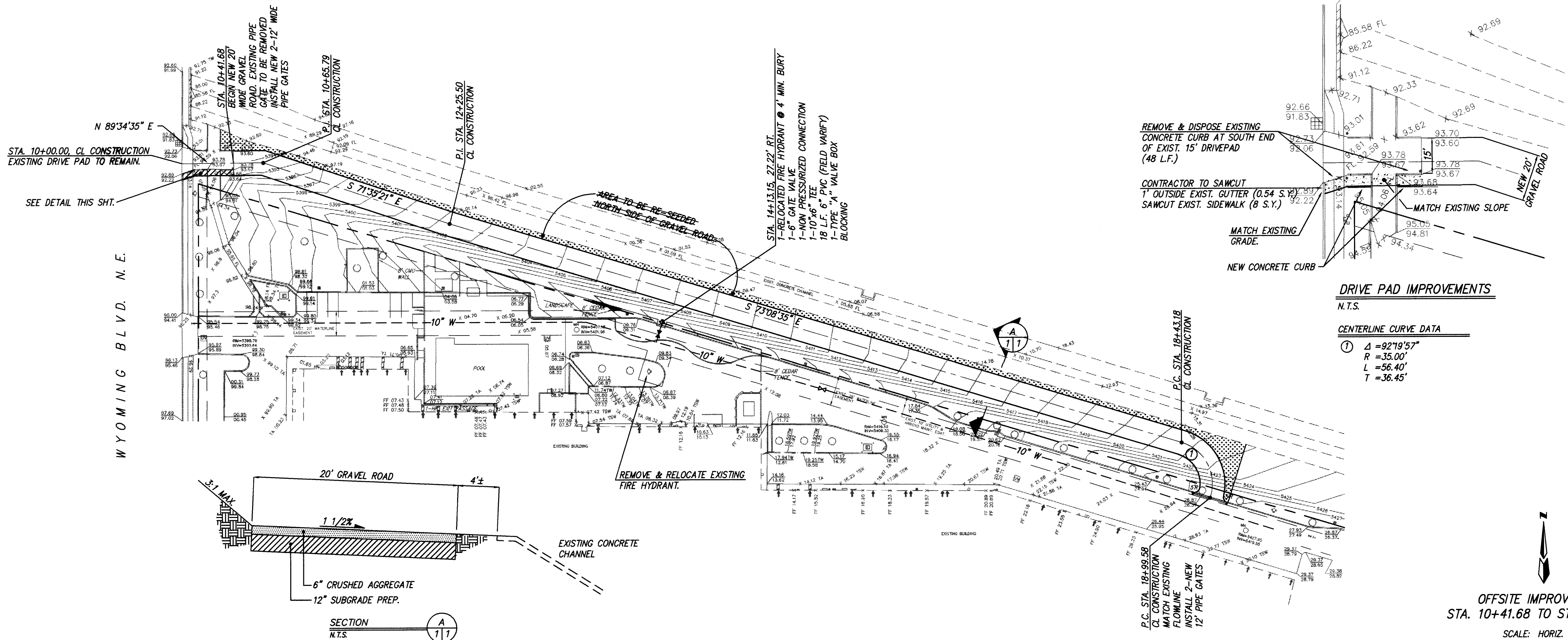
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CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

## PLAN AND PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	8-29-94	8-29-94	WATER	8-29-94	8-29-94
TRANSPORTATION	8-10-94	8-10-94	WASTE WATER	8-10-94	8-10-94
HYDROLOGY	8-10-94	8-10-94			
PROJECT NO.	4989.90	MAP NO.	G-12	SHEET	4
				OF	4





- NEW HANDRAIL
- NEW CONTOUR
- NEW SPOT ELEVATION
- EXISTING SPOT ELEVATION
- EXISTING CURB AND GUTTER
- ROOF DRAIN
- ELECTRIC TRANSFORMER
- WATER VALVE
- FIRE HYDRANT
- TELEPHONE BOX
- WATER METER
- LIGHT POLE
- SPRINKLER CONTROL
- ELECTRIC PANEL
- CLEANOUT
- ELECTRIC BOX
- GAS METER
- ROOF LADDER
- SIDEWALK CULVERT

dmg D. MARK GOODWIN & ASSOCIATES, P.A.  
CONSULTING ENGINEERS & SURVEYORS  
P.O. BOX 90606  
ALBUQUERQUE, NEW MEXICO 87199  
(505) 345-2010

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE: DEL NORTE WELLNESS CENTER OFFSITE IMPROVEMENTS STA. 10+41.68 TO STA. 18+99.58					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	6-13-94	WATER	<i>R.W. Kane</i>	6-3-94
TRANSPORTATION	<i>[Signature]</i>	6-03-94	WASTE WATER	<i>R.W. Kane</i>	6-3-94
HYDROLOGY			S.D. MAINT.	<i>[Signature]</i>	6-3-94
PROJECT NO.	4940. 90		MAP NO.	019 E+9	
			SHEET	1	1

SCANNED BY  
BY LASON

APPROVED FOR  
CONSTRUCTION  
*[Signature]*  
CITY ENGINEER  
DATE 11-23-94

WELL\PP50