Puerta del Bosque As-Builts

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTIONS
CITY CONSTRUCTION ENGINEER
DATE: 3/20/18

CONSTRUCTION PLANS

FOR

PUERTA DEL BOSQUE

ALBUQUERQUE, NEW MEXICO

INDEX TO DRAWINGS

SHEET NO.	SHEET NO.
1	TITLE SHEET
2	PLAT
3	GRADING & DRAINAGE PLAN
4	EROSION & SEDEMENTARY CONTROL PLAN
5	PAVING IMPROVEMENTS – PLAN & PROFILE
6	UTILITY IMPROVEMENTS – PLAN & PROFILE

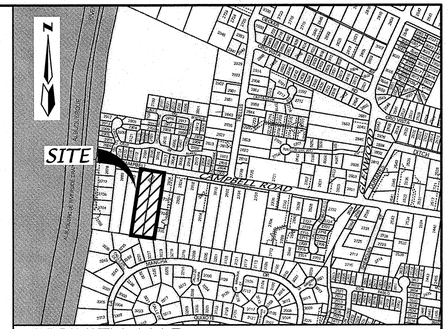
RECORD DRAWING
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Christopher Medina NMPS number 15702.

11/7/17
Mark Goodwin NMPE 8948 Date

This set of drawings is accepted for RECORD purposes by _____ on _____, 2017.

D. MARK GOODWIN NEW MEXICO 8948 LICENSED PROFESSIONAL ENGINEER



VICINITY MAP ZONE ATLAS G-14-Z
SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #9.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS MAY REQUIRE TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE 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.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT http://www.abcwua.org/Water Shut_off_and_Turn_on_Procedures.aspx
12. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
14. ELECTRONIC MARKER DEVICE (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE AMENDMENT #9.
15. PRIVATE STREETS REQUIRE STREET NAME SIGNS, STOP SIGNS, AND ANY NECESSARY STRIPING (DEVELOPER'S RESPOSIBILITY).
16. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, CURB & GUTTER, SIGNAGE, HANDICAP RAMPS AND SIDEWALK DURING CONSTRUCTION PART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE, PER CITY OF ALBUQUERQUE STANDARDS, AT HIS OWN EXPENSE.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
18. TWO WEEKS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHOULD NOTIFY THE TRANSIT DEPARTMENT OF ANY IMPACT THE PROPOSED PROJECT WILL HAVE ON THE TRANSIT SYSTEM SUCH AS CAUSING A DETOUR, OR CAUSE THE CLOSING OR RELOCATION OF A BUS STOP. CONTACT DOUGLAS GOFF, OFFICE PHONE IS 505-724-3137, CELL PHONE IS 505-206-0151, AND E-MAIL IS dgoff@cabq.gov.
19. ALL WATER AUTHORITY LINES SHALL HAVE TRACER WIRE FOR LOCATIONS.
20. REQUEST FOR WATER SHUT OFF NEAR SAN JUAN CHAMA LINES WITH ADMIN NO. 9. CONTRACTOR SHALL COMPLETE AND SUBMIT ALL REQUIRED DESIGN DOCUMENTATION.

NOTE:
CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS. DISTURBANCE OF EXISTING UTILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P. O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

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

ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	**********
D. MARK GOODWIN NEW MEXICO 8948 LICENSED PROFESSIONAL ENGINEER 11/27/17	DRC CHAIRMAN		4/2/17	APPROVED FOR CONSTRUCTION
	TRANSPORTATION		3/29/17	
	WATER/WASTEWATER	Tom Cipriani	3-29-17	
	HYDROLOGY		3/31/17	5/22/17
	CIP			CITY ENGINEER DATE
	CONSTR. MNGMT.			
	CONSTR. COORD.			

DRB NO.	CITY PROJECT NO.	SHEET OF
1010812	703885	1 6

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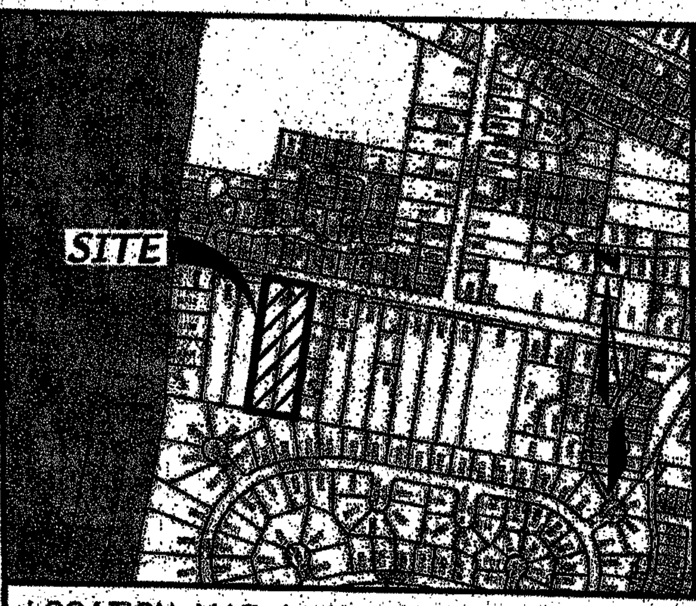

LOCATION MAP (NTS) G-12-Z

SUBDIVISION DATA

GROSS ACREAGE	2.6098 AC
ZONE ATLAS NO.	G-12-Z
NO. OF EXISTING LOTS	2 LOTS
NO. OF TRACTS CREATED	1 TRACT
NO. OF LOTS CREATED	10 LOTS
EXISTING ZONING	RA-2
DATE OF SURVEY	SEPTEMBER, 2016
AREA OF PARCELED COMMONS AREA	0.7782 AC.
MILES OF PRIVATE ACCESS EASEMENT	0.08 MILES

PURPOSE OF PLAT

1. TO SUBDIVIDE LOTS 15A & 16A, ALVARADO GARDENS, UNIT 2
2. TO ELIMINATE LOT LINES AS SHOWN.
3. GRANT NEW EASEMENTS AS SHOWN.
4. CREATE PRIVATE PARCELED COMMONS AREA.

FREE CONSENT AND DEDICATION

The subdivision hereon described 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 grant: all access, utility and drainage easements shown 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, water, sewer and communication services for buried distribution lines, conduits, and 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 and/or proprietor(s) do hereby consent to the elimination of lot lines as shown hereon. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed. Said owner(s) warrant that they hold among them complete and indefeasible title in fee simple to the land subdivided.

Owner: Alfeld 4, LLC.
By: David Kleinfeld, Member

[signature] 10-28-16
David Kleinfeld Date

OWNER'S ACKNOWLEDGEMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO SS

This instrument was acknowledged before me on Oct 28 2016
By Alfeld 4, LLC., by David Kleinfeld, Member.

[signature] Aug 19, 2019
NOTARY PUBLIC MY COMMISSION EXPIRES

OFFICIAL SEAL
Kay Brashear
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires: 8/19/19

LEGAL DESCRIPTION

A tract of land situate within the Town of Albuquerque Grant, projected Section 1, Township 10 North, Range 2 East, New Mexico Principal Meridian, within M.R.G.C.D. Map No. 34, City of Albuquerque, Bernalillo County, New Mexico, being all of LOTS 15-A AND 16-A, ALVARADO GARDENS, UNIT NO. 2, as the same is shown and designated on said plat, filed for record in the office of the County Clerk of Bernalillo County, New Mexico, on November 2, 1995, in Plat Book 95C, Page 396, and containing 2.6098 acres more or less.

SOLAR NOTE

No property within the area of requested final action shall at any time be subject to a deed restriction, covenant or binding agreement prohibiting solar collectors from being installed on buildings or erected on the lots or parcels within the area of this plat.

DISCLAIMER

In approving this plat, Public Service Company of New Mexico (PNM), New Mexico Gas Company (NMGC) and Qwest Corporation dba CenturyLink QC did not conduct a title search of the properties shown hereon. Consequently, PNM, NMGC and CenturyLink do not waive or release any easement or easement rights, which may have been granted by prior plat, replat or other document, and which are not shown on this plat.

NOTES

1. Bearings are grid based on the New Mexico State Plane Coordinate System (Central Zone).
2. Distances are ground distances.
3. Bearings and distances in parenthesis are record.
4. Basis of boundary are the following plats of record entitled:
"ALVARADO GARDENS, UNIT NO. 2", (01-26-1934, C-28)
"ALVARADO GARDENS, UNIT NO. 2, TRACTS X AND Y", (02-17-1959, C4-76)
"THOMAS VILLAGE ESTATES, PHASE II", (11-25-1975, C10-190)
"THOMAS VILLAGE ESTATES, PHASE II (CORRECTED)", (03-25-1976, C11-36)
"THOMAS VILLAGE ESTATES, PHASE II, BLOCK 1, LOTS 25-29", (03-31-1977, B12-154)
"ALVARADO GARDENS, UNIT NO. 2, TRACTS 13-A AND 13-B", (05-12-1977, A6-51)
"THOMAS VILLAGE ESTATES, PHASE II, BLOCK 1, LOT 25-A AND 25-B", (04-17-1978, A6-191)
"ALVARADO GARDENS, UNIT NO. 2, LOT 13A1 AND 13A2", (06-07-1978, A6-217)
"THOMAS VILLAGE ESTATES, PHASE II, BLOCK 1, LOT 25-B-1", (09-18-1979, A7-154)
"THOMAS VILLAGE ESTATES, PHASE II, BLOCK 1, LOTS 26-A THRU 29-A", (12-18-1979, A7-189)
"ALVARADO GARDENS, UNIT NO. 2, TRACT X-1 AND X-2", (04-23-1982, B19-154)
"RIO GRANDE COMPOUND, TRACT A", (03-31-1983, C21-21)
"RIO GRANDE COMPOUND", (06-26-1984, C24-91)
"ALVARADO GARDENS, UNIT NO. 2, TRACT 17-A", (06-17-1987, C33-188)
"RIO GRANDE COMPOUND, BLOCK 2, LOTS 3A-11A", (01-26-1989, C38-97)
"RIO GRANDE COMPOUND, BLOCK 2, LOTS 13A AND 15A", (01-26-1989, C38-99)
"ALVARADO GARDENS, UNIT NO. 2, TRACTS 17-A-1 THRU 17-A-5", (12-22-1994, 94C-429)
"ALVARADO GARDENS, UNIT NO. 2, LOT 15-A, 15-B AND 16-A", (11-02-1995, 95C-396)
"ALVARADO GARDENS, UNIT NO. 2, LOTS 14-A AND 14-B", (06-27-2000, 2000C-168)
"CAMPBELL ESTATES, LOTS 1-4", (10-12-2007, 2007C-298)
"ALVARADO GARDENS, UNIT NO. 2, WEST 1/2 LOT 16", (10-30-2009, 2009S-69)
all being records of Bernalillo County, New Mexico.
5. Field Survey performed in September, 2016.
6. City of Albuquerque, New Mexico Zone: RA-2
7. 100 Year Flood Zone Designation: Zone X (areas protected by levees), as shown on Panel 331 of 825, Flood Insurance Rate Map, City of Albuquerque, Bernalillo County, New Mexico, dated August 16, 2012. This property does not lie in the 100 Year Flood Zone.
8. Title Report: None provided
9. All street centerline monumentation shall be installed at all centerline pc's, pt's, angle points, and street intersections and shown thus, ▲ will be marked by a four inch (4") aluminum cap stamped:

"CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION"
"DO NOT DISTURB"
N.M.P.S.#7719

10. Manholes will be offset at all points of curvature, points of tangency, street intersections, and all other angle points to allow use of centerline monumentation.

PLAT FOR PUERTA del BOSQUE

WITHIN THE
TOWN OF ALBUQUERQUE GRANT
PROJECTED SECTION 1
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
SEPTEMBER, 2016

PROJECT NUMBER: ________
Application Number: ________

PLAT APPROVAL

Utility Approvals:

[signature] 11-28-16
Public Service Company of New Mexico Date

[signature] 11-28-16
New Mexico Gas Company Date

[signature] 11/28/2016
Qwest Corporation dba CenturyLink QC Date

[signature] 11/28/16
Comcast Date

City Approvals:

[signature] P.S. 10/25/16
City Surveyor Date

Real Property Division Date

Traffic Engineering, Transportation Division Date

Albuquerque-Bernalillo County Water Utility Authority Date

Parks and Recreation Department Date

AMAFCA Date

City Engineer Date

DRB Chairperson, Planning Department Date

SURVEYOR'S CERTIFICATION:

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico, and is true and correct to the best of my knowledge and belief."

[signature] 10/23/16
P.S. No. 7719 Date

ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBQ., N.M. 87190
505-884-1990

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PLAT FOR PUERTA del BOSQUE

WITHIN THE
TOWN OF ALBUQUERQUE GRANT
PROJECTED SECTION 1
TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
SEPTEMBER, 2016

AGRS MONUMENT
"6-G13AR 1980/1997"
N=1500719.134
E=1515743.949
G-G=0.999684045
Δα=-00°14'23.60"
CENTRAL ZONE
(NAD83)

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

Public Service Company of New Mexico ("PNM"), a New Mexico corporation, (PNM Electric) for installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical services.
New Mexico Gas Company for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas services.
Qwest Corporation D/B/A CenturyLink QC for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide communication services.
Comcast D/B/A Xfinity for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable services.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, replace, modify, renew, operate and maintain facilities for purposes described above, together with free access to, from, and over said easements, with the right and privilege of going upon, over and across adjoining lands of Grantor for the purposes set forth herein and with the right to utilize the right of way and easement to extend services to customers of Grantee, 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 wood pool decking, 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 Electrical Safety Code by construction of pools, decking, or any structures adjacent to or near easements shown on this plat. Easements for electric transformer/switchgears, as installed, shall extend ten (10) feet in front of transformer/switchgear doors and five (5) feet on each side.

Disclaimer
In approving this plat, Public Service Company of New Mexico (PNM), New Mexico Gas Company (NMGC) and Qwest Corporation D/B/A CenturyLink QC did not conduct a Title Search of the properties shown hereon. Consequently, PNM and NMGC do not waive or release any easement or easement rights which may have been granted by prior plat, replat or other document and which are not shown on this plat.

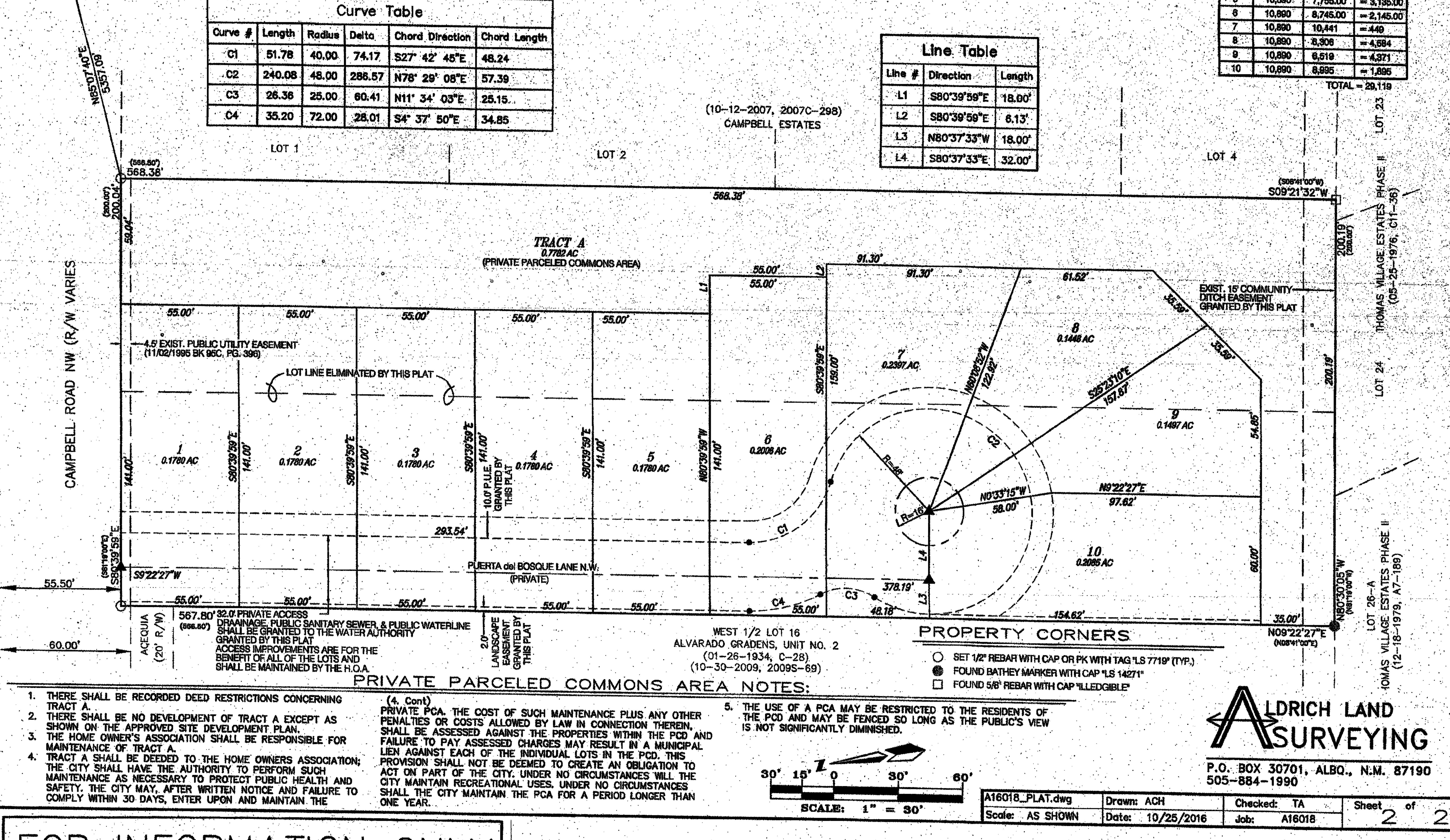
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C1	51.78	40.00	74.17	S27° 42' 45"E	48.24
C2	240.08	48.00	286.57	N78° 29' 08"E	57.39
C3	26.36	25.00	60.41	N11° 34' 03"E	25.15
C4	35.20	72.00	28.01	S4° 37' 50"E	34.85

Line #	Direction	Length
L1	S80°39'59"E	18.00'
L2	S80°39'59"E	6.13'
L3	N80°37'33"W	18.00'
L4	S80°37'33"E	32.00'

MIN. OPEN SPACE REQUIRED

LOT #	S.F.	S.F.	S.F.
1	10,890	7,755.00	= 3,135.00
2	10,890	7,755.00	= 3,135.00
3	10,890	7,755.00	= 3,135.00
4	10,890	7,755.00	= 3,135.00
5	10,890	7,755.00	= 3,135.00
6	10,890	8,745.00	= 2,145.00
7	10,890	10,441	= 449
8	10,890	6,306	= 4,584
9	10,890	6,519	= 4,371
10	10,890	8,995	= 1,895

TOTAL = 29,119



PROPERTY CORNERS

○ SET 1/2" REBAR WITH CAP OR PK WITH TAG "LS 7719" (TYP.)
● FOUND BATHEY MARKER WITH CAP "LS 14271"
□ FOUND 5/8" REBAR WITH CAP "ILLEDGIBLE"

PRIVATE PARCELED COMMONS AREA NOTES:

1. THERE SHALL BE RECORDED DEED RESTRICTIONS CONCERNING TRACT A.
2. THERE SHALL BE NO DEVELOPMENT OF TRACT A EXCEPT AS SHOWN ON THE APPROVED SITE DEVELOPMENT PLAN.
3. THE HOME OWNER'S ASSOCIATION SHALL BE RESPONSIBLE FOR MAINTENANCE OF TRACT A.
4. TRACT A SHALL BE DEEDED TO THE HOME OWNERS ASSOCIATION; THE CITY SHALL HAVE THE AUTHORITY TO PERFORM SUCH MAINTENANCE AS NECESSARY TO PROTECT PUBLIC HEALTH AND SAFETY. THE CITY MAY, AFTER WRITTEN NOTICE AND FAILURE TO COMPLY WITHIN 30 DAYS, ENTER UPON AND MAINTAIN THE

(4. Cont)
PRIVATE PCA. THE COST OF SUCH MAINTENANCE PLUS ANY OTHER PENALTIES OR COSTS ALLOWED BY LAW IN CONNECTION THEREIN, SHALL BE ASSESSED AGAINST THE PROPERTIES WITHIN THE PCD AND FAILURE TO PAY ASSESSED CHARGES MAY RESULT IN A MUNICIPAL LIEN AGAINST EACH OF THE INDIVIDUAL LOTS IN THE PCD. THIS PROVISION SHALL NOT BE DEEMED TO CREATE AN OBLIGATION TO ACT ON PART OF THE CITY. UNDER NO CIRCUMSTANCES WILL THE CITY MAINTAIN RECREATIONAL USES. UNDER NO CIRCUMSTANCES SHALL THE CITY MAINTAIN THE PCA FOR A PERIOD LONGER THAN ONE YEAR.

5. THE USE OF A PCA MAY BE RESTRICTED TO THE RESIDENTS OF THE PCD AND MAY BE FENCED SO LONG AS THE PUBLIC'S VIEW IS NOT SIGNIFICANTLY DIMINISHED.

ALDRICH LAND SURVEYING
P.O. BOX 30701, ALBQ., N.M. 87190
505-884-1990

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FOR INFORMATION ONLY

Oce PlotWave 500 - WPD2 Use This one

HYDROLOGY NOTES

OVERALL HYDROLOGY PLAN:

THIS SITE IS LOCATED ON THE ZONE ATLAS MAP G-14-Z AND IS ZONED RA-2. THE PROPERTY IS BOUNDED ON THE WEST BY ALVARADO GARDENS, UNIT NO. 2, ON THE EAST BY CAMPBELL ESTATES, ON THE NORTH BY CAMPBELL ROAD, AND ON THE SOUTH BY THOMAS VILLAGE ESTATES PHASE II. THE PROJECT PROPOSES TO USE DRAINAGE PATTERNS THAT WILL DIRECT RUNOFF TO A DETENTION POND LOCATED ALONG THE EAST SIDE OF THE PROJECT SITE. THIS DRAINAGE POND WILL RETAIN THE REQUIRED FIRST FLUSH VOLUME.

THE SITE WILL BE GRADED TO DIRECT FLOWS TO THE OPEN SPACE POND EAST OF THE SITE. THE POND HAS BEEN SIZED TO HOLD THE 100 YEAR 10 DAY STORM EVENT. FRENCH DRAINS WILL BE INSTALLED TO ALLOW FOR INFILTRATION OF THE COLLECTED WATER.

THERE ARE NO OFFSITE FLOWS ENTERING THE SITE.

THE SITE IS NOT WITHIN THE 100 YEAR FLOOD PLAIN.

THE HYDROLOGY FOR THE PROJECT SITE WAS CALCULATED USING AHYMO FOR THE 100 YEAR 6 HOUR STORM EVENT FOR ZONE 2. THE RESULTS ARE SUMMARIZED BELOW:

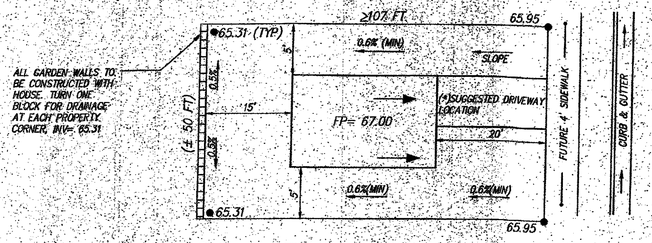
DEVELOPED CONDITIONS:
SITE AREA = 2.6 ACRES
LAND TREATMENTS: A=0%, B=20%, C=30%, D=50%
TOTAL PROJECT SITE: Q=8.83cfs V=0.3071 AC-FT

POND CALCS

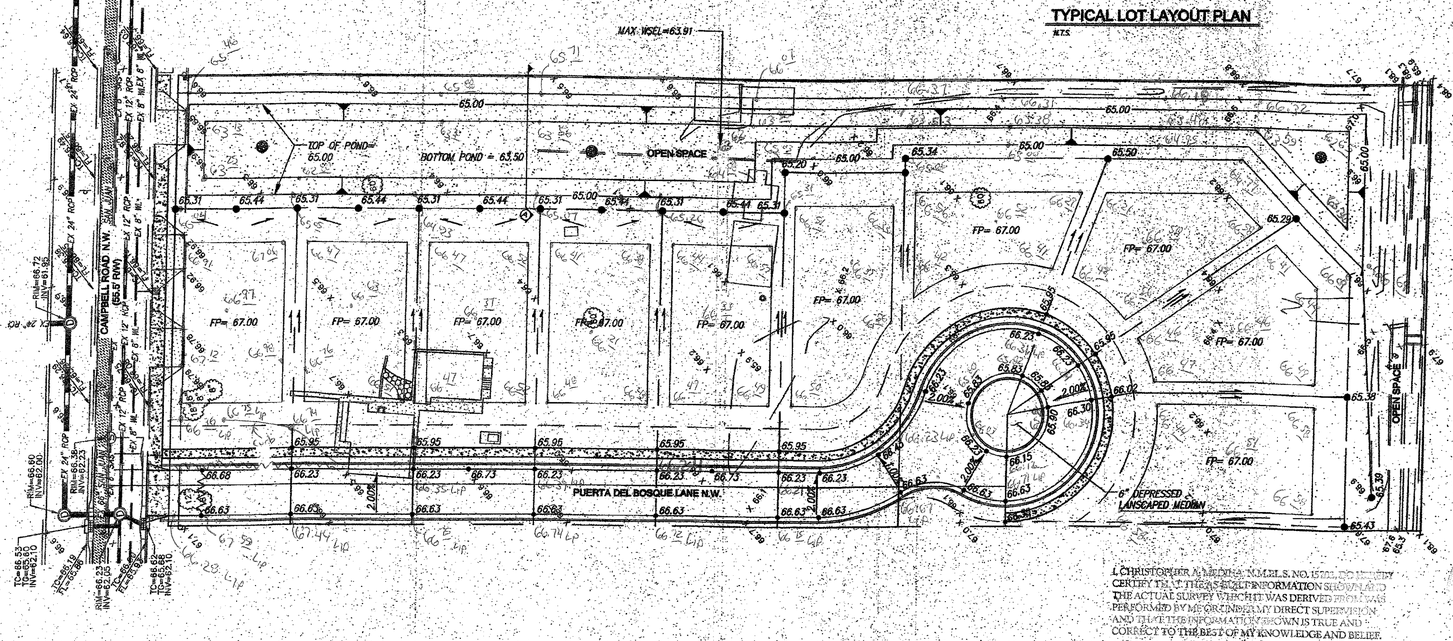
Design Pond Volume = 16,930 Cu.Ft.
Maximum Storage Volume = 17,907 Cu.Ft.
Pond Bottom Elevation = 63.50
Pond Top Elevation = 65.00
Pond Side Slopes = 5:1
MAX WSEL= 63.91

GENERAL NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. ALL GARDEN WALLS TO BE CONSTRUCTED WITH THE CONSTRUCTION OF THE HOMES ON EACH LOT.



TYPICAL LOT LAYOUT PLAN
N.T.S.



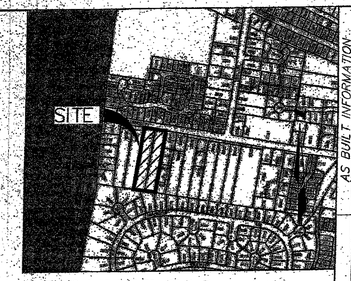
GRADING AND DRAINAGE CERTIFICATION

I, MARK GOODWIN, NMPE 8948, OF THE FIRM MARK GOODWIN & ASSOCIATES, P.A. HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH THE INTENT OF THE APPROVED PLAN DATED SEPTEMBER 23, 2017. THE INTENT OF THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY THE CONTRACTOR AND IS SUBMITTED IN SUPPORT OF A REQUEST FOR FINAL INSPECTION AND PERMANENT UTILITY TURNON. THE REVISED PLAN HEREON IS NOT NECESSARILY COMPLETE AND INTENDED FOR GRADING CERTIFICATION APPROVAL AND CONTAINS ONLY THE INFORMATION PRESENTED HEREON. THE RECORD INFORMATION PRESENTED HEREON IS BASED ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

MARK GOODWIN NMPE 8948 DATE 10/7/17

I, CHRISTOPHER A. MEDINA, N.M.R.L.S. NO. 15702, DO HEREBY CERTIFY THAT THE AS-BUILT INFORMATION SHOWN HEREON WAS DERIVED FROM AN ACTUAL SURVEY WHICH WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE INFORMATION SHOWN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHRISTOPHER A. MEDINA, N.M.R.L.S. NO. 15702 10/3/17 DATE



VICINITY MAP
ZONE ATLAS MAP G-14-Z

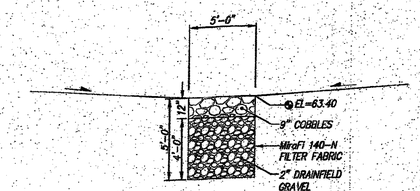
LEGAL DESCRIPTION

LOTS 15-A AND 16-A,
ALVARADO GARDENS UNIT No. 2
CITY OF ALBUQUERQUE, BERNALILLO COUNTY,
NEW MEXICO

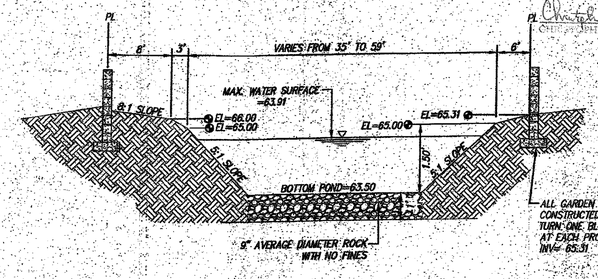
LEGEND

- EXISTING STANDARD CURB & GUTTER
- EXISTING ROLL CURB & GUTTER
- EXISTING TOP CURB/FLOWLINE
- EXISTING CONCRETE/SIDEWALK
- EXISTING WALL OR HEAD WALL
- EXISTING TOP WALL/BOTTOM WALL
- 5175 EXISTING CONTOUR-MAJOR
- EXISTING CONTOUR-MINOR
- x 00.00 EXISTING SPOT ELEV
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAIN MANHOLE
- EXISTING CATCH BASIN/DROP INLET
- EXISTING CMP/PVC DRAIN PIPE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING WATER SPIGOT
- EXISTING POWER POLE-WOOD
- EXISTING POLE ANCHOR
- EXISTING OVERHEAD ELECTRIC
- EXISTING CABLE TV PEDESTAL
- EXISTING SIGN
- EXISTING TREE/DIAMETER
- EXISTING WIRE FENCE
- EXISTING CHAIN LINK FENCE
- EXISTING WOOD FENCE
- EXISTING GAS LINE
- NEW ESTATE CURB & GUTTER
- NEW RIGHT-OF-WAY
- NEW CENTERLINE
- NEW LOT LINES
- NEW EASEMENTS
- 81.77 NEW SPOT ELEVATIONS
- NEW FLOW DIRECTION
- NEW WATER BLOCK
- 5:1 SLOPE
- NEW POND AREA

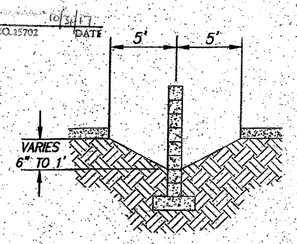
30' 15' 0 30' 60'
SCALE: 1" = 30'



FRENCH DRAIN DETAIL
N.T.S.



DRAINAGE POND/ OPEN SPACE LAYOUT
N.T.S.



TYPICAL WALL LOCATION/ SIDE YARD LAYOUT
N.T.S.
NOTE: TO BE CONSTRUCTED WITH THE HOUSE

P:\16428S\A16018 Alvarado Gardens\GRADE & DRAIN\A16018_GRDPLAN.dwg, Last saved by: Hruns, 10/11/16

AS BUILT INFORMATION
CONTRACTOR NAME & ADDRESS: Vaca Builders, LLC DATE 1/13
WORK STAKED BY: DATE
INSPECTED BY: MG DATE 1/17
FIELD LOCATION BY: Tierra West DATE 1/17
DRAWINGS CORRECTED BY: MG DATE 11/17
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
AGRS Brass Cap stamped "10-G13A" on Rio Grande Boulevard 1.4 miles to the intersection with Candelaria Road and the station on the right in the northeast quadrant of the intersection.
Geographic Position in feet (NAD83)
N.M. State Plane Coordinates (Central Zone)
No Coordinates
Elevation in feet (NAVD88) = 4970.872

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
D. MARK GOODWIN NEW MEXICO 8948 LICENSED PROFESSIONAL ENGINEER
10/2/16

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	HLC	10/16
DRAWN BY	HLC	10/16
CHECKED BY	DMG	10/16

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
OFFICE (505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: PUERTA DEL BOSQUE
GRADING & DRAINAGE PLAN

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
	G-14-Z	3	6

FOR INFORMATION ONLY

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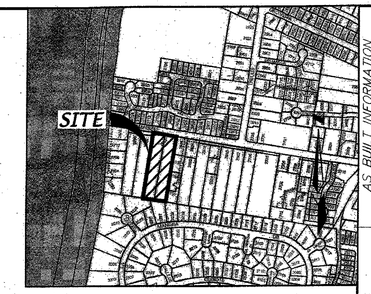
GENERAL NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE ANDFEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AND WETTING THE SOIL TO KEEP IT FROM BLOWING.



VICINITY MAP

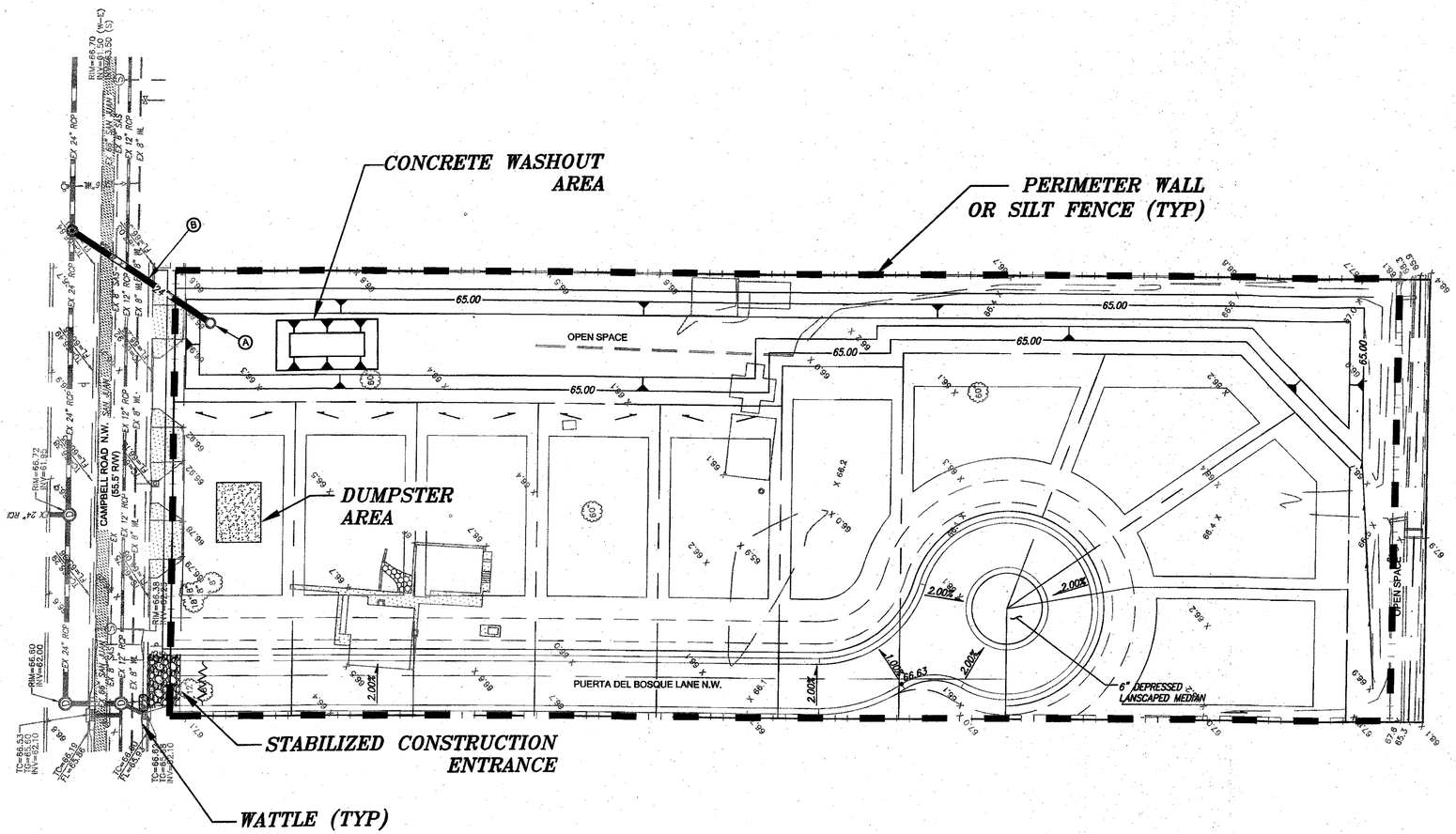
ZONE ATLAS MAP G-14-Z

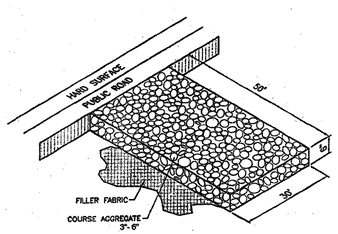
LEGAL DESCRIPTION

LOTS 15-A AND 16-A,
ALVARADO GARDENS UNIT No. 2
CITY OF ALBUQUERQUE, BERNALILLO COUNTY,
NEW MEXICO

LEGEND

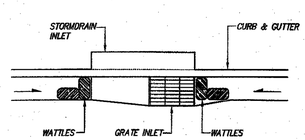
- PERIMETER WALL OR SILT FENCE (TYPICAL)
- CONCRETE WASHOUT AREA
- COMPACTED CONSTRUCTION ENTRANCE
- DUMPSTER AREA
- WATTLES (AROUND SD INLETS TYPICAL)
- REMOVE & REPLACEMENT OF ASHPALT PAVEMENT FOR UTILITY CONNECTIONS





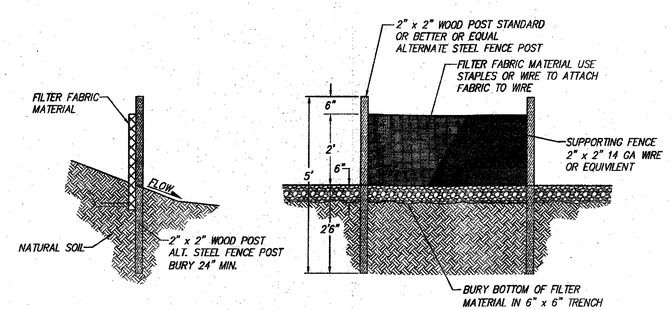
STABILIZED CONSTRUCTION ENTRANCE

N.T.S.



WATTLE DETAIL AT STORM INLET

SCALE: 1"=5'



SILT FENCE FOR SEDIMENT CONTROL

N.T.S.

30' 15' 0 30' 60'

SCALE: 1" = 30'

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
OFFICE (505) 828-2200, FAX (505) 797-9539

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY	HLC	DATE 10/16
DRAWN BY	HLC	DATE 10/16
CHECKED BY	DMG	DATE 10/16

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:

PUERTA DEL BOSQUE
EROSION & SEDIMENT CONTROL PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED APR 03 2017 DESIGN REVIEW COMMITTEE	APPROVED MAY 22 2017 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
-	G-14-Z	4	6

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AGRS Brass Cap stamped "10-G13A"
From the intersection of I-40 and Rio Grande Boulevard, travel north on Rio Grande Boulevard 1.4 miles to the intersection with Candelaria Road and the station on the right in the northeast quadrant of the intersection.
Geographic Position in feet (NAD83)
N.M. State Plane Coordinates (Central Zone)
No Coordinates
Elevation in feet (NAVD88) = 4970.872

AS BUILT INFORMATION

CONTRACTOR		DATE
WORK STAKED BY	TERRA SURVEYING, LLC	DATE
AS-BUILTS ACCEPTANCE BY	MGA	DATE 11/17
FIELD VERIFICATION BY	Terra	DATE 11/17
DRAWINGS CORRECTED BY	MGA	DATE 11/17
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

ENGINEER'S SEAL

D. MARK GOODWIN NEW MEXICO 8948 LICENSED PROFESSIONAL ENGINEER
10/28/16

F:\A16JOBS\A16018 Alvarado Gardens\SWPP\A16018_ESC_PLAN.dwg, Last saved by: Hiram, 10/11/16

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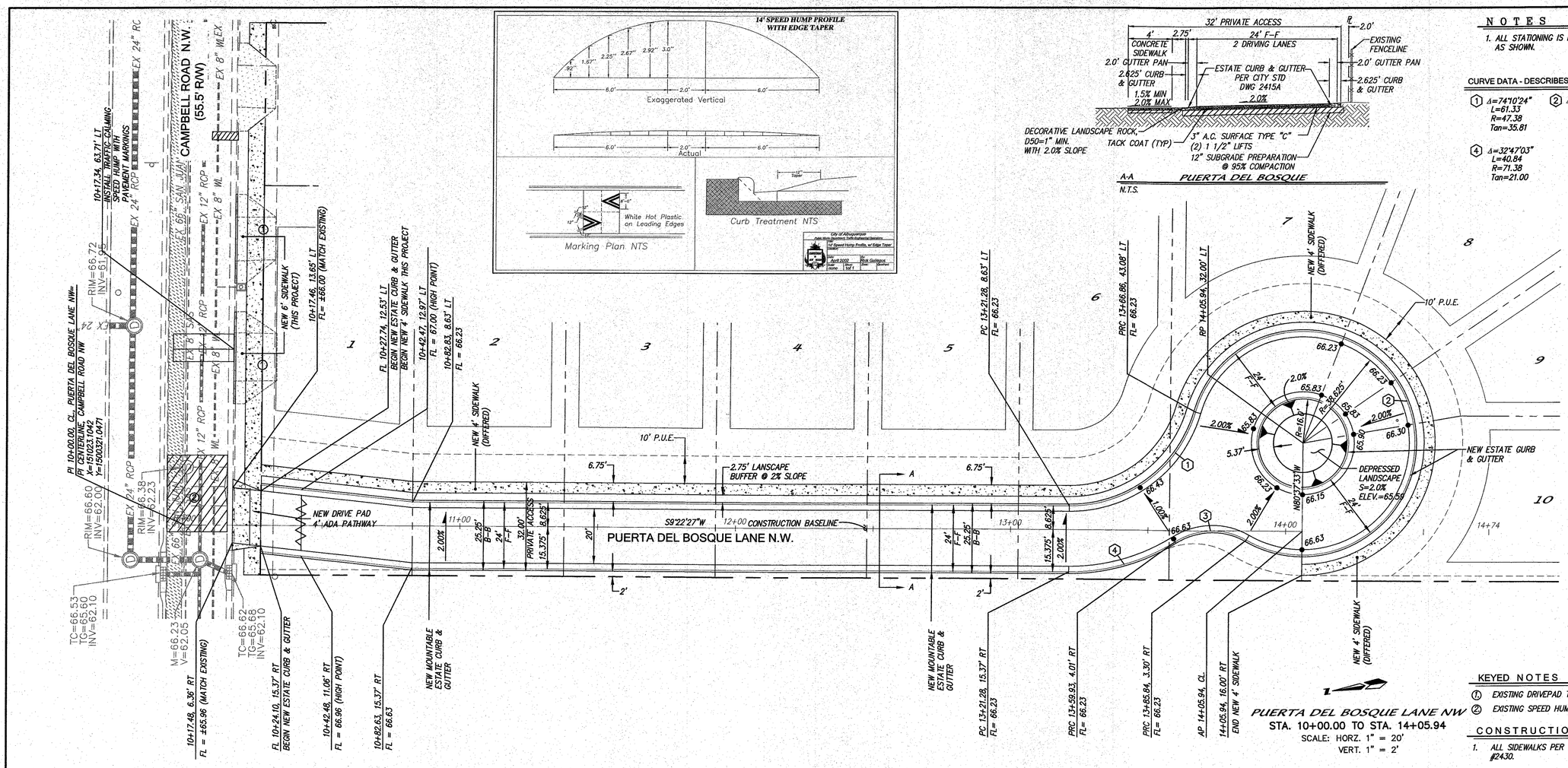

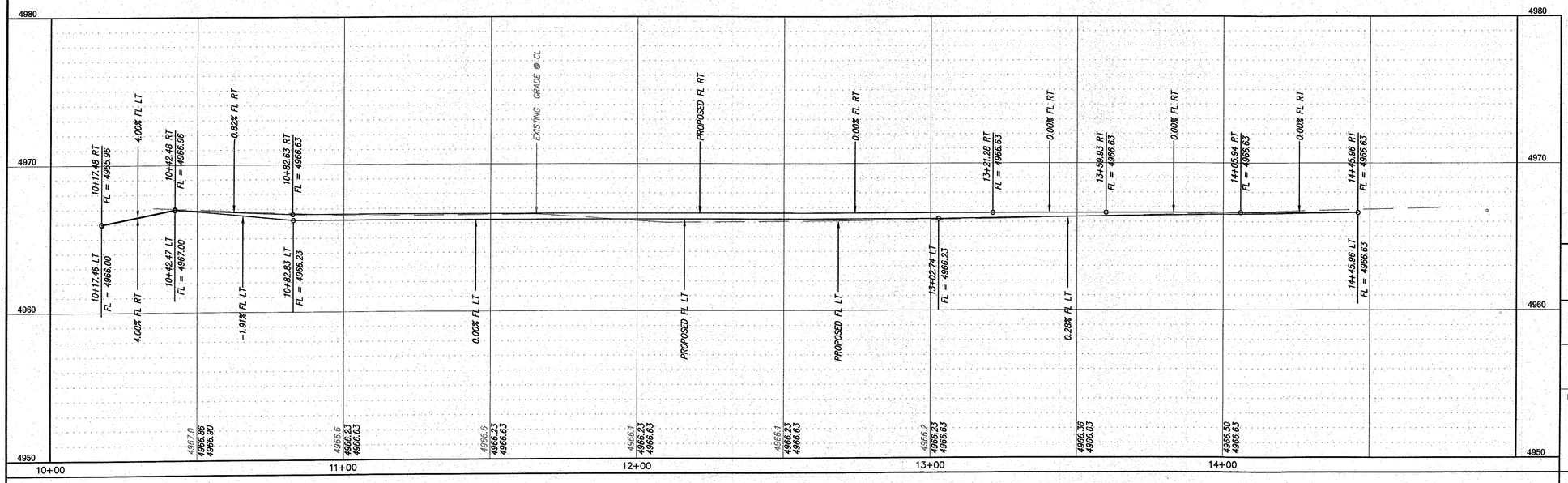

NOTES

1. ALL STATIONING IS BASED OFF CONSTRUCTION BASELINE AS SHOWN.

CURVE DATA - DESCRIBES FACE OF NEW CURB

1. Δ=74°10'24" L=61.33 R=47.38 Tan=35.81
2. Δ=283°50'17" L=201.25 R=40.62 Tan=31.83
3. Δ=62°26'56" L=27.25 R=25.00 Tan=15.16
4. Δ=32°47'03" L=40.84 R=71.38 Tan=21.00

KEYED NOTES

1. EXISTING DRIVEPAD TO BE REMOVED.
2. EXISTING SPEED HUMP TO BE REMOVED.

CONSTRUCTION NOTES

1. ALL SIDEWALKS PER CITY OF ALBUQUERQUE STANDARD DWG #2430.
2. TRANSITION FROM MOUNTABLE ROLL CURB AND GUTTER TO STANDARD CURB AND GUTTER SHALL BE 10 FEET WHEN NOT TRANSITIONING AT INTERSECTIONS. TRANSITION FROM MOUNTABLE ROLL CURB TO STANDARD CURB AND GUTTER AT INTERSECTIONS SHALL OCCUR THROUGH THE HC RAMP PER CITY OF ALBUQUERQUE STANDARD DWG #2418.
3. SOIL TESTED BY THE CONTRACTOR AND NOT HAVING THE MINIMUM R-VALUE > 50 FOR STREETS SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED, BY THE CONTRACTOR, WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER CITY OF ALBUQUERQUE STANDARD STANDARD SPECIFICATIONS.
4. ALL MOUNTABLE ESTATE TYPE CURB & GUTTER PER CITY OF ALBUQUERQUE STANDARD DWG #2415A.
5. ALL STANDARD CURB & GUTTER PER CITY OF ALBUQUERQUE STANDARD DWG #2415A.
6. ALL SPEED HUMPS BUILT PER CITY OF ALBUQUERQUE STANDARD DWG THIS SHEET.

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

I, Mark Goodwin NMPE 8948, of the firm Mark Goodwin & Associates, PA a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed for this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved drawings has been met, except as noted by me on the as-built construction drawings. The information is based on site inspections by me or personnel under my direction, and survey information provided by Christopher Martinez NMPLS Number 15702.

11/7/17

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY	Terra Land Surveys, LLC	DATE 11/1/17
ASSISTANCE ACCEPTANCE BY	MGA	DATE 11/1/17
FIELD VERIFICATION BY	Terra	DATE 11/1/17
DRAWINGS CORRECTED BY	MGA	DATE 11/1/17
MICRO-FILM INFORMATION		
RECORDED BY:		DATE
NO.		

BENCH MARKS

AGRS Brass Cap stamped "10-G13A"	
From the intersection of I-40 and Rio Grande Boulevard, travel north on Rio Grande Boulevard 1.4 miles to the intersection with Candelaria Road and the station on the right in the northeast quadrant of the intersection.	
Geographic Position in feet (NAD83)	
N.M. State Plane Coordinates (Central Zone)	
No Coordinates	
Elevation in feet (NAVD88) = 4970.872	

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

DIANE HOELZER NEW MEXICO 11967 LICENSED PROFESSIONAL ENGINEER

3-22-17

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGN		
DESIGNED BY	HLC	01/17
DRAWN BY	DER	01/17
CHECKED BY	DMG	01/17

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE:

PUERTA DEL BOSQUE
PUERTA DEL BOSQUE LANE NW
PAVING PLAN & PROFILE

DESIGN REVIEW COMMITTEE: APPROVED APR 03 2017 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL: APPROVED MAY 22 2017 CITY ENGINEER

LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
703885	G-14-Z	5	6

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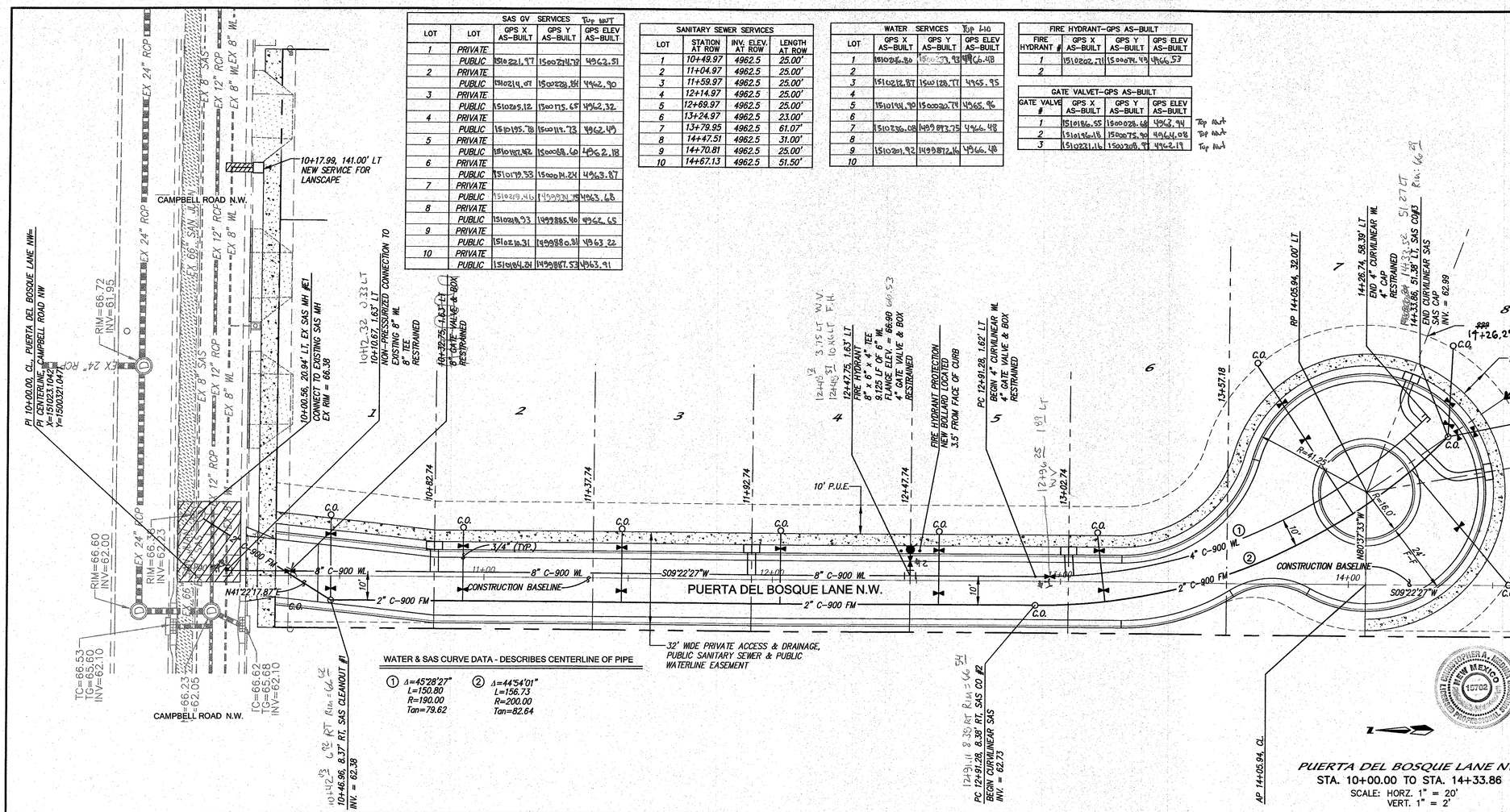


SAS GV SERVICES				Top Out
LOT	LOT	GPS X AS-BUILT	GPS Y AS-BUILT	GPS ELEV AS-BUILT
1	PRIVATE			
	PUBLIC	1510221.97	1500274.79	4963.51
2	PRIVATE			
	PUBLIC	1510219.07	1500228.84	4962.90
3	PRIVATE			
	PUBLIC	1510215.12	1500175.65	4962.32
4	PRIVATE			
	PUBLIC	1510195.78	1500119.73	4962.49
5	PRIVATE			
	PUBLIC	1510187.82	1500058.60	4962.18
6	PRIVATE			
	PUBLIC	1510179.33	1500014.24	4963.87
7	PRIVATE			
	PUBLIC	1510219.46	1499931.15	4963.68
8	PRIVATE			
	PUBLIC	1510218.93	1499885.40	4962.65
9	PRIVATE			
	PUBLIC	1510216.31	1499880.81	4963.22
10	PRIVATE			
	PUBLIC	1510184.24	1499867.53	4963.91

SANITARY SEWER SERVICES			
LOT	STATION AT ROW	INV. ELEV. AT ROW	LENGTH AT ROW
1	10+49.97	4962.5	25.00'
2	11+04.97	4962.5	25.00'
3	11+59.97	4962.5	25.00'
4	12+14.97	4962.5	25.00'
5	12+69.97	4962.5	25.00'
6	13+24.97	4962.5	23.00'
7	13+79.95	4962.5	61.07'
8	14+47.51	4962.5	31.00'
9	14+70.81	4962.5	25.00'
10	14+67.13	4962.5	51.50'

WATER SERVICES				Top Out
LOT	GPS X AS-BUILT	GPS Y AS-BUILT	GPS ELEV AS-BUILT	
1	1510246.80	1500273.98	4966.48	
2				
3	1510218.87	1500128.77	4965.95	
4				
5	1510189.90	1500020.74	4965.96	
6				
7	1510236.08	1499893.75	4966.48	
8				
9	1510221.92	1499872.16	4966.48	
10				

FIRE HYDRANT-GPS AS-BUILT				
FIRE HYDRANT #	GPS X AS-BUILT	GPS Y AS-BUILT	GPS ELEV AS-BUILT	
1	1510202.70	1500096.49	4966.53	
2				

GATE VALVET-GPS AS-BUILT				
GATE VALVE #	GPS X AS-BUILT	GPS Y AS-BUILT	GPS ELEV AS-BUILT	
1	1510186.55	1500028.68	4963.94	Top Out
2	1510196.18	1500075.90	4964.08	Top Out
3	1510231.16	1500208.97	4962.19	Top Out

NOTES

1. ALL STATIONING IS BASED OFF CONSTRUCTION BASELINE AS SHOWN.

LEGEND

REMOVE & REPLACE INKIND PAVEMENT, LOCAL RESIDENTIAL STREET SECTION, SECTION PER C.O.A. STANDARD DETAIL #2465.

DOUBLE SINGLE — NEW WATER METER SERVICES PER C.O.A. STANDARD DETAIL #2361.

WATER SHUT-OFF PLAN

1. CONTRACTOR SHALL MAKE SHUT OFF REQUEST ONLINE AT http://abcwua.org/content/view/463/729/
2. VALVES SHALL ONLY BE OPERATED BY WATER AUTHORITY EMPLOYEES.
3. CLOSE EXISTING GATE VALVES #6693 AND #6592 TO MAKE NON-PRESSURE WATERLINE CONNECTION #1 IN CAMPBELL RD NW.
4. PRESSURE TEST AND DISINFECT NEW WATERLINE AS PER ABCWUA STANDARD SPECIFICATIONS – SECTION 801.

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, P.A., a Professional Engineer in the State of New Mexico, do hereby certify to the best of my knowledge and belief that the infrastructure installed as part of this project has been inspected by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on my observations by me or personnel under my direction, and surveys provided by Christopher Medina NMPS number 15702.

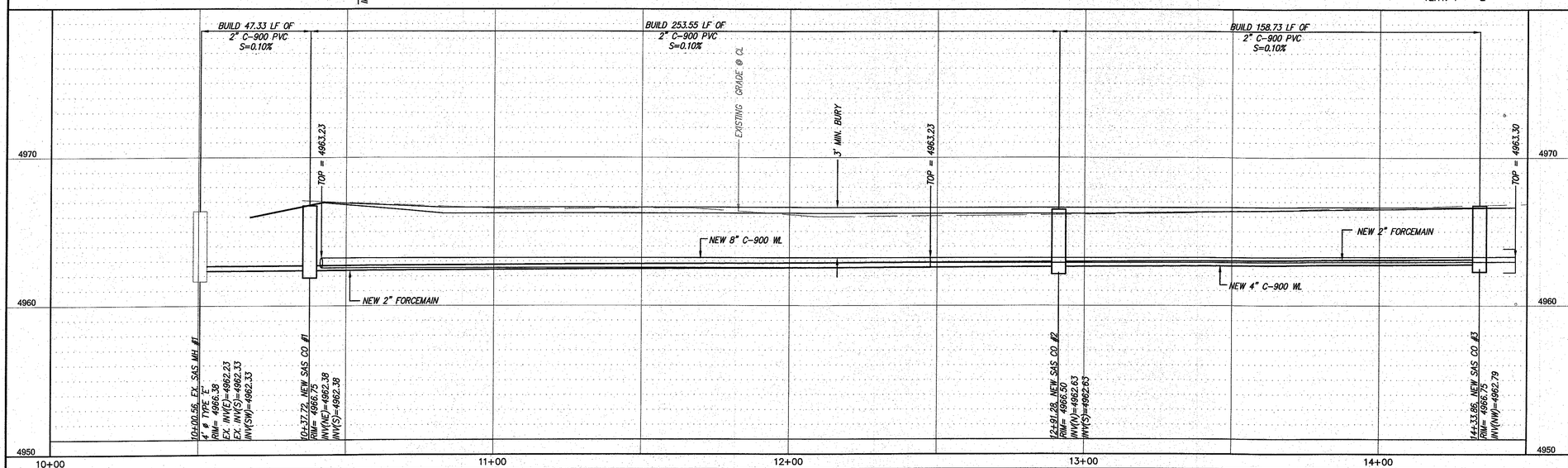
I, CHRISTOPHER A. MEDINA, N.M.P.L.S. NO. 15702, DO HEREBY CERTIFY THAT THE AS-BUILT INFORMATION SHOWN AND THE ACTUAL SURVEY WHICH IT WAS DERIVED FROM WAS PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE INFORMATION SHOWN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

10/3/17
CHRISTOPHER A. MEDINA, N.M.P.L.S. NO. 15702 — DATE

PUERTA DEL BOSQUE LANE NW
STA. 10+00.00 TO STA. 14+33.86
SCALE: HORZ. 1" = 20'
VERT. 1" = 2'

NOTES

1. ALL FIRE HYDRANTS PER ABCWUA STD. 2340, WITH BOLLARD PROTECTION PER PER ABCWUA STD. DWG 2347.
2. ALL FIRE HYDRANTS TO HAVE A 6" GATE VALVE & BOX PER ABCWUA STD. DWG #2326; CONTRACTOR TO USE POLY COATED CMP FOR VALVE BOXES.
3. ALL METER BOXES ADJACENT TO MOUNTABLE CURB SHALL HAVE DUCTILE IRON METER BOX COVER & LID PER ABCWUA STD. DWG 2368; WATER METER BOX PER ABCWUA STD. DWG #2366; WATER SERVICE PER ABCWUA STD. DWG #2362.
4. FORCE MAIN PUMP SYSTEM DESIGNED FOR ENVIRONMENT ONE MODEL NO. DH151 PUMP OR APPROVED EQUAL TO BE CONSTRUCTED WITH THE HOME.
5. ALL SANITARY SEWER CLEANOUTS SHALL BE PER COA STD. DWG 2182.
6. ALL SANITARY SEWER SERVICE LINES SHALL BE PER COA STD. DWG 2185.
7. ALL STATIONARY BOLLARDS FOR FIRE HYDRANT PROTECTION SHALL BE PER COA STD. DWG 2250.
8. ALL FORCE MAIN SEWER SERVICE LINES SHALL BE PER COA STD. DWG 2185.



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AS BUILT INFORMATION

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

MICRO-FILM INFORMATION: RECORDED BY / DATE / NO.

BENCH MARKS

AGRS Brass Cap stamped "10-G13A" From the intersection of I-40 and Rio Grande Boulevard, travel north on Rio Grande Boulevard 1.4 miles to the intersection with Candelaria Road and the station on the right in the northeast quadrant of the intersection.

Geographic Position in feet (NAD83)
N.M. State Plane Coordinates (Central Zone)
No Coordinates
Elevation in feet (NAVD88) = 4970.672

SURVEY INFORMATION — FIELD NOTES: NO. / BY / DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN		
DESIGNED BY	HLC	DATE 01/17
DRAWN BY	DER	DATE 01/17
CHECKED BY	DMG	DATE 01/17

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: PUERTA DEL BOSQUE
PUERTA DEL BOSQUE LANE NW
UTILITY PLAN & PROFILE

DEVELOPMENT REVIEW COMMITTEE: APPROVED APR 03 2017 — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED MAY 22 2017 — CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
703885	G-14-Z	6	6