

PUBLIC INFRASTRUCTURE IMPROVEMENTS FOR GLOBAL STORAGE SELF STORAGE BUILDING

3501 COORS BLVD., NW ALBUQUERQUE, NEW MEXICO 87120

2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-79091.81-08

PREPARED FOR:

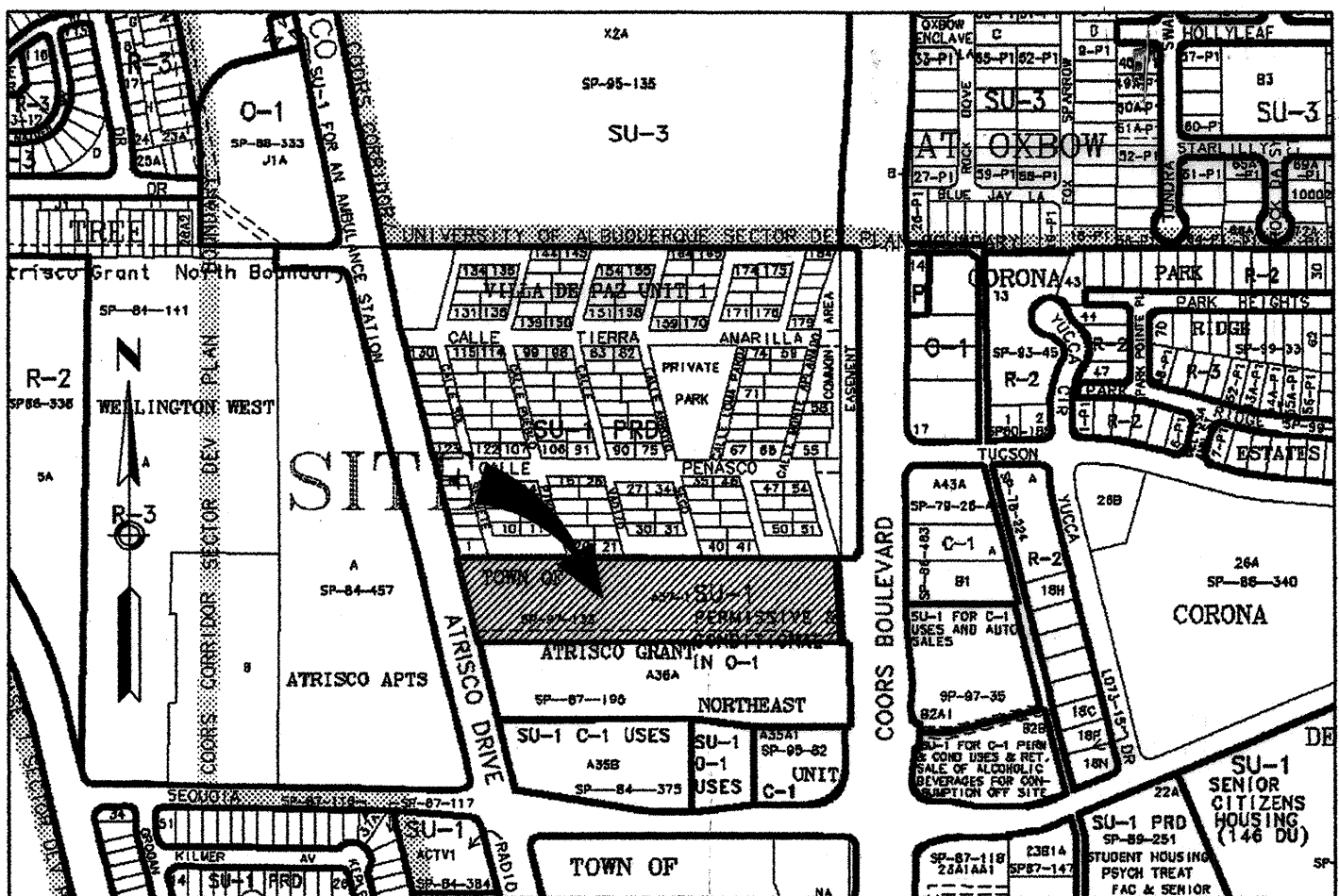
CJ MEAD

PREPARED BY:

RHOMBUS P.A., INC.

2620 SAN MATEO BLVD., NE, SUITE B

ALBUQUERQUE NEW MEXICO 87110



LOCATION MAP
NOT TO SCALE

MAP NO: G-11-Z

INDEX TO DRAWINGS

SHEET NO.	TITLE
1	COVER SHEET
2	FINAL PLAT
3	GRADING AND DRAINAGE PLAN (FOR INFORMATION ONLY)
4	MASTER PAVEMENT PLAN
5	ATRISCO DRIVE PAVEMENT PLAN & PROFILE
6	COORS BLVD. PAVEMENT PLAN & PROFILE
7	MASTER UTILITY PLAN
8	ATRISCO DRIVE UTILITY PLAN & PROFILE
9	COORS BLVD. UTILITY PLAN & PROFILE
10	ATRISCO DRIVE/COORS BLVD. PAVEMENT DETAILS

GENERAL NOTES

- 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 NO. 7 INCLUDING AMENDMENT 1.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 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 PRIOR COMMENCING THE WORK, SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT MEW MEXICO ONE CALL SYSTEM, INC. © 260-1009 FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES RULES AND REGULATIONS AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY, AND TO PROTECT THEM FROM DAMAGE, INJURY, OR LOSS. CONTRACTOR SHALL ERECT AND MAINTAIN AS REQUIRED BY THE CONDITIONS AND PROGRESS OF THE WORK, ALL NECESSARY SAFEGUARDS FOR SAFETY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS, THROUGHOUT THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE GENERAL CONDITIONS THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS REVISED THROUGH UPDATE NO. 7 INCLUDING AMENDMENT 1.
- TRAFFIC CONTROL: FIVE WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE 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, SEE SECTION 19 OF THE SPECIFICATIONS. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR TO THE SAME LOCATION AS EXISTING OR AS SHOWN IN THIS PLAN SET AT NO ADDITIONAL COST TO THE OWNER.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE FIELD ENGINEER. REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.
- EXISTING CURB AND GUTTER, SIDEWALK, PAVEMENT, ~~WHEEL CHAIR RAMP~~ NOT TO BE REMOVED UNDER THE CONTRACT WHICH ARE DAMAGED OR DISPLACED BY THE CONTRACTOR, SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE AND PER CITY STANDARDS.
- ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2315.
- ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
- 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 OR INTO ANY PUBLIC DRAINAGE FACILITY.
- PROPOSED WATER LINE MATERIALS SHALL BE EITHER PVC PIPE MEETING AWWA C900 REQUIREMENTS (6"-12") OR DUCTILE IRON PIPE, THICKNESS CLASS 50 (6"-16").
- ELECTRONIC MARKER DISKS (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS REVISED THROUGH UPDATE NO. 7
- ALL FITTINGS ON WATERLINE SHALL HAVE RESTRAINED JOINTS AS NOTED ON THE PLANS.
- CONTRACTOR SHALL SUPPORT ALL EXISTING, UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION, PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND/OR SEWER LINE COSTS.
- CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF RECORD DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
- TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND MAINTAINING ALL EXISTING MONUMENTATION CONTROLS. IN THE EVENT OF INADVERTENT DESTRUCTION OR ALTERATION, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE CITY SURVEYOR.
- PNM SHALL PROVIDE AT NO COST TO THE CITY OR THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING AND RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
- WARNING: EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.
- THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPES OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES, IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "NEW MEXICO ONE CALL SYSTEM" PROCEDURES, OR OTHERWISE.
- THE 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 IS LOCATED, THE 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 WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOURS CONSTRUCTION.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS THE OWNER AND THE ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P. ~~ABCWUA~~
- THE CONTRACTOR SHALL COORDINATE WITH ~~WATER SYSTEMS DIVISION~~ (857-8200) SEVEN (7) WORKING DAYS PRIOR TO ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER OR SEWER UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF WATER SHUTOFF. EXISTING VALVES TO BE OPERATED BY ~~ABCWUA~~ PERSONNEL ONLY. REFER TO SECTION 18 OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL MAINTAIN A GRAFITTI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFITTI FROM EQUIPMENT WHETHER PERMANENT OR TEMPORARY.
- PERMANENT PAVEMENT STRIPPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. THE ROAD SHALL NOT BE OPENED TO TRAFFIC UNTIL IT IS STRIPPED. ALL STRIPPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF TRAFFIC CONTROL DEVICES.
- ALL WATER VALVE MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
- CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON RECORD DRAWINGS

I, JAMES L. HEWITT, JR., NMPE 6871 of the firm of Rhombus P.A., Inc., 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 the Albuquerque Surveying Company Inc., NMPS number 10464.

James L. Hewitt, Jr.
JAMES L. HEWITT, JR., NMPE 6871
06/10/08
DATE

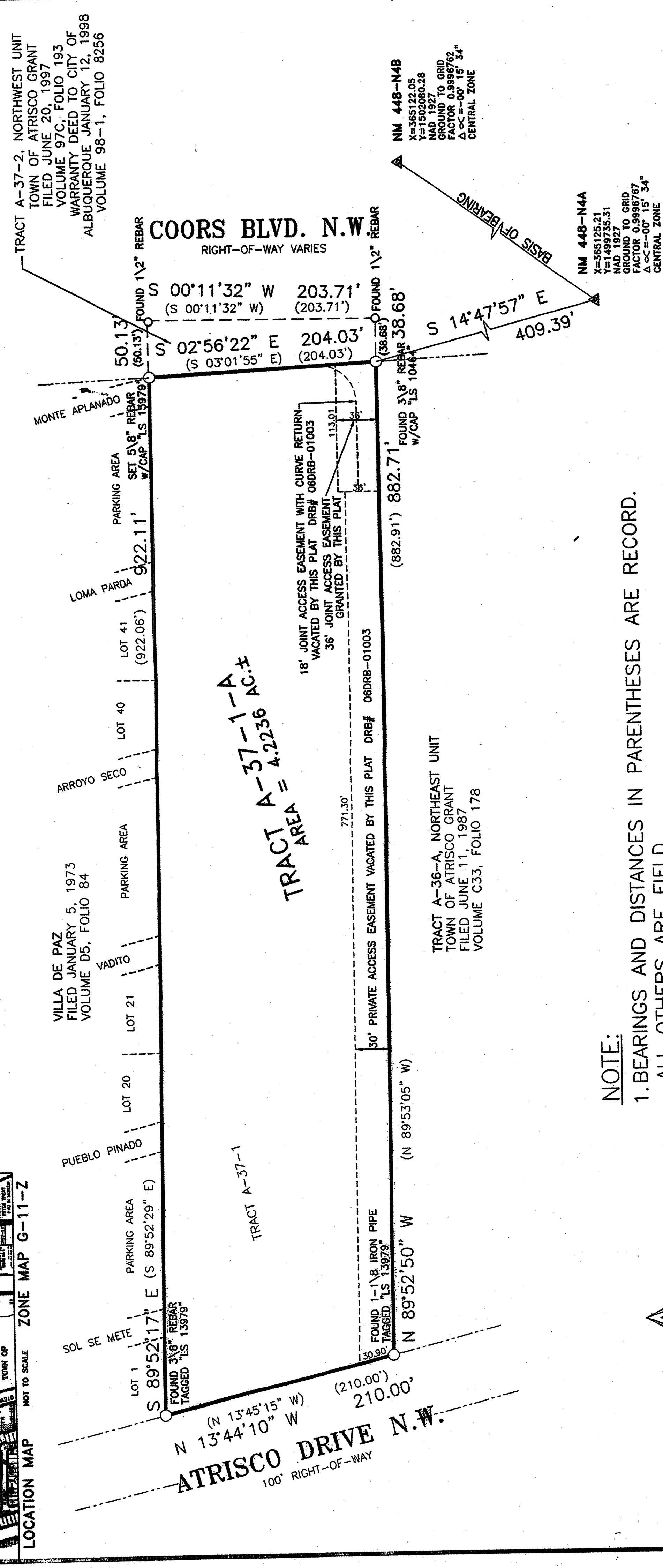
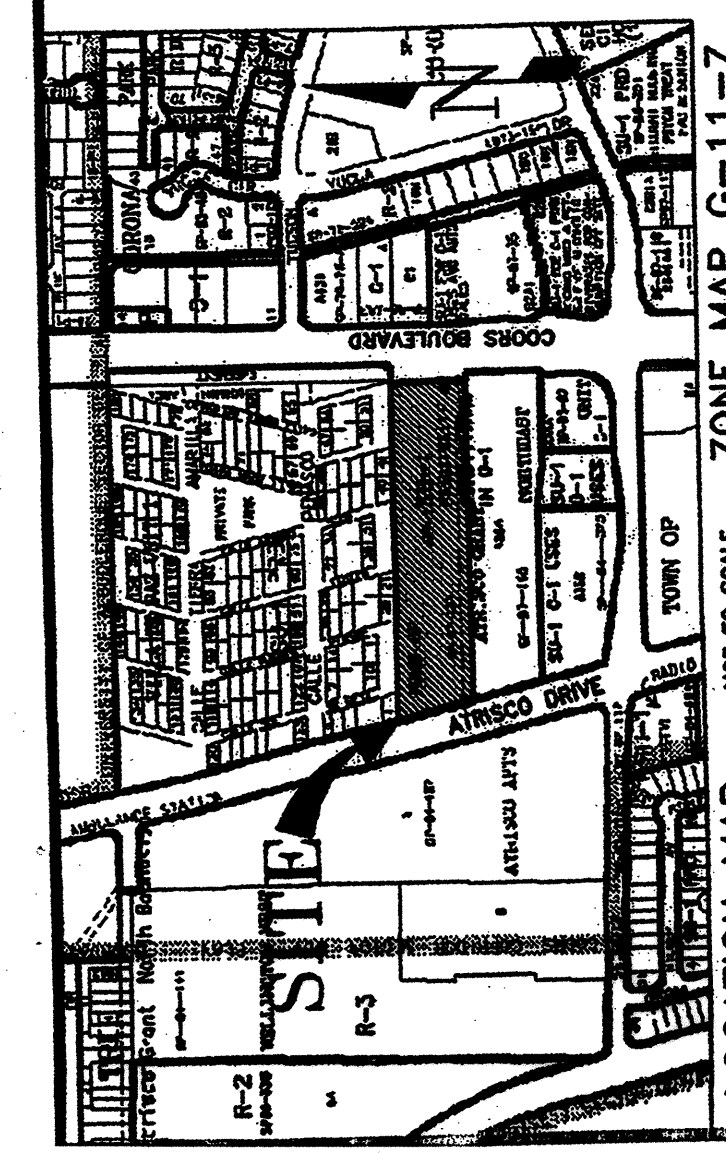
DRB-1003993

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	* * * * *		
		DRD Chairman	<i>Woodall</i>	12-4-07	APPROVED FOR CONSTRUCTION		
		Transportation	<i>W. H. de</i>	6-15-07			
		Water/Wastewater	<i>William D. Bateh</i>	8-9-07			
		Hydrology	<i>James L. Hewitt, Jr.</i>	8-15-07			
		Parks					
		Constr. Mngmt.			<i>Ralph D. Douthett</i> 1-16-08 City Engineer Date		
		Constr. Coord.					
		City Project No.			Sheet	of	
					790981	1	10

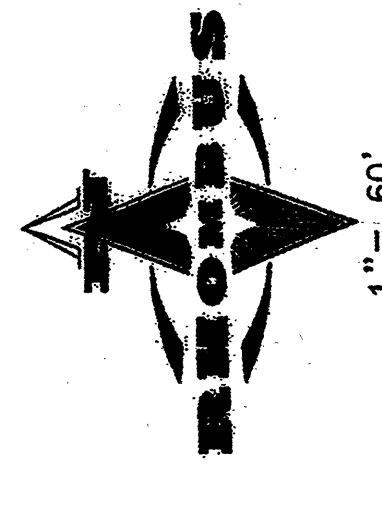
RECORD

TRACT A-37-1-A
NORTHEAST UNIT, TOWN OF ATRISCO GRANT
PROJECTED SECTION 2, TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
MARCH 2006

PROJECT NUMBER: 1003993
APPLICATION NUMBER: 06DRB-01005

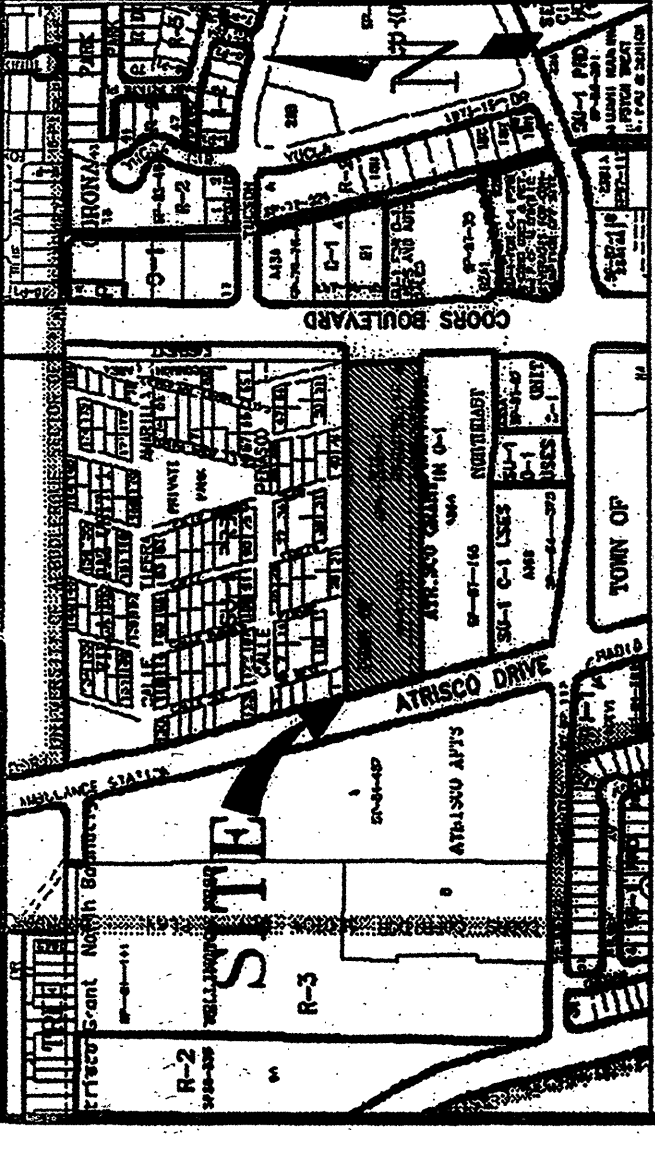


NOTE:
1. BEARINGS AND DISTANCES IN PARENTHESES ARE RECORD.
ALL OTHERS ARE FIELD.
2. THE BASIS OF BEARINGS IS THE BEARING BETWEEN ACS
MONUMENTS NM 448-N4B AND NM 448-N4A.
3. BEARINGS ARE NEW MEXICO STATE PLANE.



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INDEXING INFORMATION FOR
COUNTY OF BERNALILLO
SECTION 2 TOWNSHIP 10 NORTH RANGE 2 EAST, NMPM
OWNER: C. J. MEAD, INC.
SUBDIVISION: NORTHEAST UNIT OF TOWN OF ATRISCO GRANT



TRACT A-37-1-A
NORTHEAST UNIT, TOWN OF ATRISCO GRANT
PROJECTED SECTION 2, TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
MARCH 2006

PROJECT NUMBER: 1003993
APPLICATION NUMBER: 06DRB-01005

LOCATION MAP NOT TO SCALE ZONE MAP G-11-Z

LEGAL DESCRIPTION

A CERTAIN TRACT OF LAND WITHIN PROJECTED SECTION 2, TOWNSHIP 10 NORTH, RANGE 2 EAST, NEW MEXICO
PRINCIPAL MERIDIAN, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, IDENTIFIED AS TRACT A-37-1 NORTHEAST
UNIT, TOWN OF ATRISCO GRANT, PROJECTED SECTION 2, TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM, NEW MEXICO,
AND A-37-2, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON JUNE 20,
1997, VOLUME 97C, FOLIO 193(1) AND 193(2), AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
BEGINNING FOR THE SOUTHEAST CORNER OF TRACT A-37-1, A POINT ON THE WEST RIGHT-OF-WAY LINE OF
COORS BOULEVARD N.W. WHENCE THE ALBUQUERQUE CONTROL MONUMENT "NM 448-N4A" BEARS S 1° 47'
57" E, A DISTANCE OF 409.39 FEET;
THENCE DEPARTING FROM SAID COORS RIGHT-OF-WAY LINE N 89°52'50" W, A DISTANCE OF 882.71 FEET
TO A POINT ON THE EAST RIGHT-OF-WAY LINE OF ATRISCO DRIVE N.W., SAME POINT BEING THE SOUTHWEST
CORNER OF THE TRACT HEREIN DESCRIBED;
THENCE ALONG SAID ATRISCO RIGHT-OF-WAY LINE N 13°44'10" W, A DISTANCE OF 210.00 FEET TO THE
NORTHWEST CORNER OF THE TRACT HEREIN DESCRIBED;
THENCE DEPARTING FROM SAID ATRISCO RIGHT-OF-WAY LINE N 89°52'17" E, A DISTANCE OF 922.11
FEET TO A POINT, SAME POINT BEING THE NORTHEAST CORNER OF THE TRACT HEREIN DESCRIBED;
THENCE S 02°56'22" E, A DISTANCE OF 204.03 FEET TO THE POINT OF BEGINNING.
CONTAINING AN AREA OF 4.2236 ACRES, MORE OR LESS.

SUBDIVISION DATA

1. Zone Alias No.	G-11
2. Gross Subdivision Acreage	4.2236±
3. Original Number of Lots	2
4. Number of Lots Created	1
5. TALOS LOG	2006153991
6. Miles of full-width street created	0

NOTES AND REFERENCES:

1. BEARINGS ARE GRID. BEARINGS AND DISTANCES IN PARENTHESES ARE RECORD.
ALL OTHERS ARE FIELD.
2. REFERENCES:
A. PLAT OF TRACTS A-37-1 AND A-37-2, NORTHEAST UNIT OF TOWN OF ATRISCO GRANT FILED JUNE 20, 1997, VOL. 97C FOLIO 193(1) AND 193(2)
B. REPLAT OF LOTS 1 & 2 IN UNIT 8 OF TRACTS ALLOTTED FROM THE TOWN OF ATRISCO GRANT (ATRISCO APARTMENTS) FILED NOVEMBER 2, 1984 VOL. C25 FOLIO 105
C. LANDAMERICA ALBUQUERQUE TITLE FILE NO. 6215001309 TRS62 WARRANTY DEED
D. VILLA DE PAZ FILED JANUARY 5, 1973 VOL. D5 FOLIO 84
E. NORTHEAST UNIT, TOWN OF ATRISCO GRANT FILED JUNE 11, 1987 VOL. C35 FOLIO 178
F. PLAT OF TRACTS B-2-A AND B-2-B NORTHEAST UNIT OF TOWN OF ATRISCO GRANT FILED OCTOBER 21, 1984 VOL. 94C FOLIO 359(1) AND 359(2)
G. PLAT OF TRACTS B-2-A-1 NORTHEAST UNIT OF TOWN OF ATRISCO GRANT FILED FEBRUARY 14, 1997 VOL. 97C FOLIO 54
H. PLAT OF TRACTS B-1, B-2 NORTHEAST UNIT OF TOWN OF ATRISCO GRANT FILED JANUARY 19, 1987 VOL. C32 FOLIO 150
I. REPLAT OF TRACT A-36 NORTHEAST UNIT OF TOWN OF ATRISCO GRANT FILED JUNE 11, 1987 VOL. C35 FOLIO 178
J. AMENDED REPLAT OF A PORTION OF TRACT A-35 NORTHEAST UNIT OF TOWN OF ATRISCO GRANT FILED SEPTEMBER 25, 1984 VOL. C25 FOLIO 29
K. REPLAT OF TRACT A-43 NORTHEAST UNIT OF TOWN OF ATRISCO GRANT AND VACATED PORTIONS OF CORONA DRIVE AND BLANCO PLACE NW FILED DECEMBER 21, 1984 VOL. C25 FOLIO 194
L. WARRANTY DEED FILED JANUARY 12, 1998 VOL. 98-1 FOLIO 8256

BENEFICIARIES OF EASEMENTS:

1. THE BENEFICIARIES OF THE 36' JOINT ACCESS EASEMENT ARE TRACT A-37-1 AND TRACT A-36-A.

EASEMENT MAINTENANCE RESPONSIBILITY

1. MAINTENANCE OF THE 36' JOINT ACCESS EASEMENT IS THE RESPONSIBILITY OF TRACT A-37-1.

FREE CONSENT STATEMENT

THE PLATTING HEREON DESCRIBED IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNER, SAID OWNER WARRANTS THAT HE KNOWS COMPLETE AND INDEFEASIBLE TITLE IN THE SIMPLE TO THE LAND SUBDIVIDED, AND SAID OWNER GRANTS 36' JOINT ACCESS EASEMENT AS SHOWN ON HEREON.

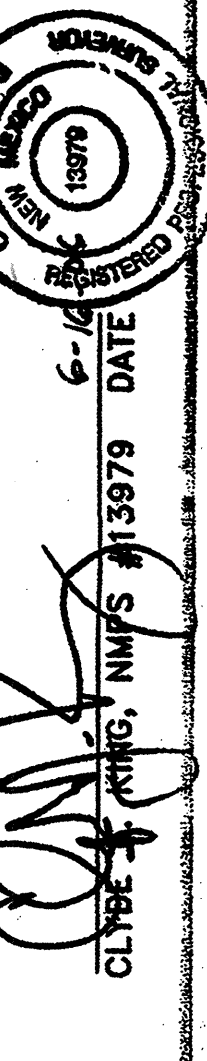
C.J. MEAD, INC., A NEW MEXICO CORPORATION,
OWNER
BY: *[Signature]* 6-16-06
DATE
CHARLES J. MEAD, PRESIDENT

ACKNOWLEDGEMENT

STATE OF NEW MEXICO) SS
COUNTY OF BERNALILLO)
THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME
THIS 16 DAY OF JUNE, 2006
BY CHARLES J. MEAD, PRESIDENT OF C.J. MEAD, INC.

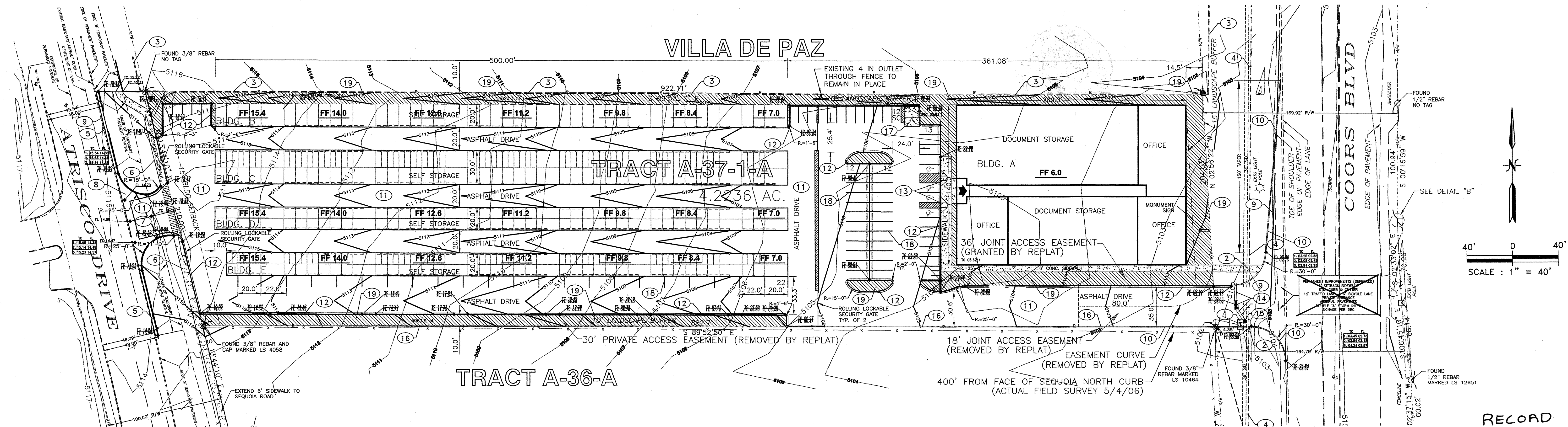
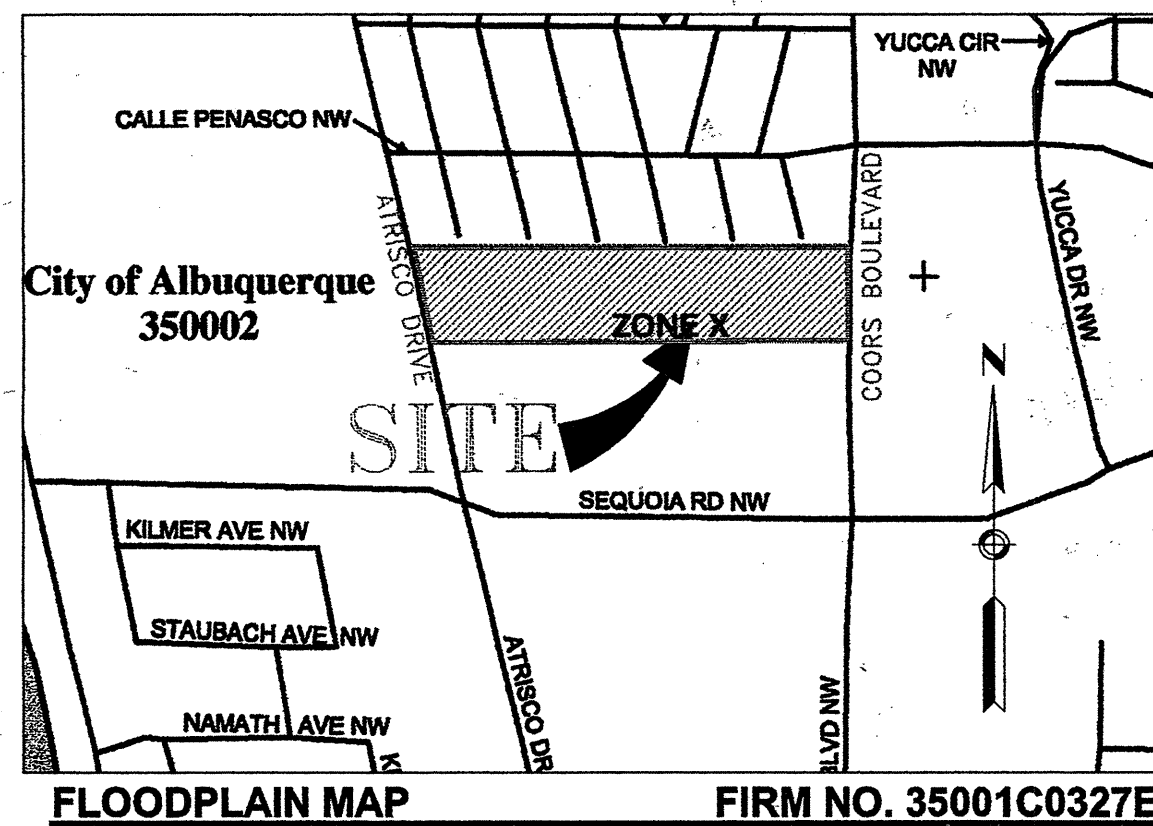
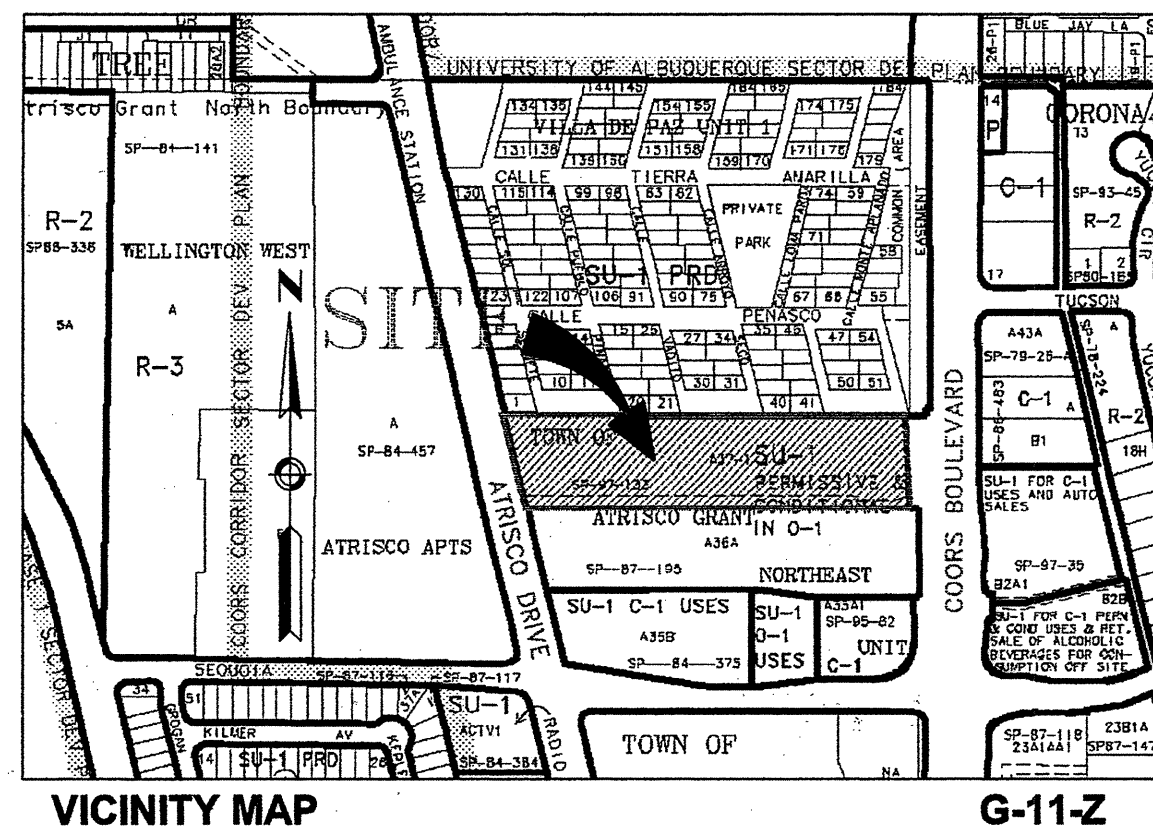
SURVEYOR'S CERTIFICATION:

I, CLYDE L. KING, A DULY QUALIFIED LAND SURVEYOR REGISTERED UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED LAND SURVEYOR IN THE STATE OF NEW MEXICO. I HAVE CONDUCTED A REASONABLE INVESTIGATION OF THE FACTS AND HAVE FOUND THAT THE PLAT SHOWS ACCURATE DIMENSIONS AND EASEMENTS OF PUBLIC RECORD OR MADE KNOWN TO ME BY THE LAND OWNER, UTILITY COMPANIES OR AGENCIES EXPRESSING AN INTEREST; THAT THIS SURVEY MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEY OF THE CITY OF ALBUQUERQUE SUBDIVISION ORDINANCE; THAT THE SURVEY MEETS THE MINIMUM REQUIREMENTS FOR SURVEYING IN NEW MEXICO; AND THAT THE SURVEY IS TRUE AND CORRECT.



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INDEXING INFORMATION FOR
COUNTY OF BERNALILLO
SECTION 2 TOWNSHIP 10 NORTH RANGE 2 EAST, NMPM
OWNER: C. J. MEAD, INC.
SUBDIVISION: NORTHEAST UNIT OF TOWN OF ATRISCO GRANT



- LEGEND**
- NEW CONCRETE SIDEWALK
 - NEW LANDSCAPE AREA
 - ENTRY DOOR
 - PROPOSED BIKE RACK LOCATION
 - CONCRETE WHEEL STOP
 - HC SYMBOL PAVEMENT MARKING
 - EXISTING STORM SEWER
 - EXISTING STORM SEWER MANHOLE W/ BEEHIVE GRATE
 - PROPOSED DOUBLE 'D' STORM INLET
 - PROPOSED ELEV. CONTOUR
 - EXISTING ELEV. CONTOUR
 - PROPOSED BLDG FINISH FLOOR ELEV.
 - EXISTING CABLE AND POST GUARDRAIL
 - SET 5/8" REBAR W/ CAP LS 13979
 - FOUND 3/8" REBAR AS NOTED

BASIS OF BEARINGS
NAD 27 NEW MEXICO CENTRAL ZONE

- KEYED NOTES**
- RELOCATE TELEPHONE PEDESTAL.
 - REMOVE GUARDPOST WITH CABLE.
 - EXISTING CMU WALL TO REMAIN.
 - EXISTING GUARDPOST WITH CABLE TO REMAIN.
 - CONSTRUCT STANDARD CURB & GUTTER PER COA STD DWG #2415A.
 - CONSTRUCT 6' OFFSET TYPE SIDEWALK PER COA STD DWG #2430.
 - CONSTRUCT PRIVATE ENTRANCE PER COA STD DWG #2426.
 - CONSTRUCT CONCRETE VALLEY GUTTER PER COA STD DWG #2420.
 - CONSTRUCT FLEXIBLE ARTERIAL/COLLECTOR PAVEMENT PER COA STD DWG #2407.
 - CONSTRUCT TEMPORARY ASPHALT CURB PER COA STD DWG #2415A.
 - CONSTRUCT FLEXIBLE RESIDENTIAL PAVEMENT PER COA STD DWG #2405.
 - CONSTRUCT MEDIAN CURB & GUTTER PER COA STD DWG #2415A.
 - CONSTRUCT CONCRETE HC RAMPS.
 - CONSTRUCT DOUBLE "D" STORM INLET W/ 24-IN CONNECTOR PIPE, PER COA STD DWG #2206 (Qp = 25.9 CFS).
 - REPLACE BEEHIVE GRATE & FRAME W/ NEENAH R-2554 HD GRATE & FRAME. ADJUST RIM & LID TO MATCH FINISH GRADE.
 - CONSTRUCT CMU RETAINING WALL/GARDEN WALL PER ARCHITECTURAL/STRUCTURAL DETAILS.
 - CONSTRUCT CMU BLOCK TRASH BIN ENCLOSURE PER COA SOLID WASTE DEPARTMENT SPECIFICATIONS.
 - 4" WIDE STRIPE PAINTED ON ASPHALT
 - INSTALL LANDSCAPE PER LANDSCAPE ARCHITECT DETAILS.

LEGAL DESCRIPTION:
Tract A-37-1-A, Northeast Unit, Town of Atrisco Grant, City of Albuquerque, New Mexico.

FLOOD HAZARD ZONE:
Tract A-37-1-A is located in Flood Hazard Zone X (i.e., Areas determined to be outside 500-year floodplain) designated on the Federal Emergency Management Agency's (FEMA's) Flood Insurance Rate Map Panel No. 35001C0327E (November 19, 2003).

EXISTING SITE CONDITIONS:
Tract A-37-1-A is undeveloped. Tract A-37-1-A is bounded on the east by Coors Blvd. (arterial roadway) and on the west by Atrisco Drive, NW (collector roadway). Sidewalks, curbs, and gutters are not currently present along these roadways. Runoff from one small offsite drainage basin within the Via de Paz subdivision enters onto Tract A-37-1-A.

PROPOSED IMPROVEMENTS:
Proposed improvements include four (4) outdoor storage buildings (44,800 sf) and one office/indoor storage building (28,000 sf). The outdoor storage buildings will be situated on the western two-thirds of the site. The proposed office/indoor storage building will be located on the eastern third of the site. Other improvements include grading and drainage modifications, asphalt-paved parking areas, site utilities, and landscaping.

DRAINAGE ANALYSIS:
REFERENCE: City of Albuquerque, Development Process Manual -Vol. 2, Section 22.2 - Hydrology, January, 1993.

Principal Design Storm: 100-year 6-hour event

Precipitation Zone 1 (Table A-1)

Excess Precipitation (Table A-8):
E₁ = 0.44 in (Land Treatment 'A'), E₂ = 0.67 in (Land Treatment 'B')
E₃ = 0.99 in (Land Treatment 'C'), & E₄ = 1.97 in (Land Treatment 'D')

Peak Discharge (Table A-9):
Q_{P1} = 1.29 ft³/sec-acre (Land Treatment 'A')
Q_{P2} = 2.03 ft³/sec-acre (Land Treatment 'B')
Q_{P3} = 2.87 ft³/sec-acre (Land Treatment 'C')
Q_{P4} = 4.37 ft³/sec-acre (Land Treatment 'D')

On-Site 'Existing' Condition (Tract A-37-1):
Total Site Area = 183,922 ft² x 1 acre/43,560 ft² = 4.22 acres
100% Land Treatment 'C' (Table A-4)

E = 0.99 in

V₃₆₀ = 0.99 in x 4.22 acres x 1 ft/12 in
= 0.348 acre-ft x 43,560 ft²/acre
= 15,174 ft³

Total Q_P = (Q_{P3} x 4.22 acres)
= 12.12 ft³/sec

On-Site 'Post Development' Condition (Tract A-37-1):
7.22% Land Treatment 'B', 17.57% Land Treatment 'C', 75.20% Land Treatment 'D'

Weighted E = ((E₂ x 0.30 acres) + (E₃ x 0.74 acres) + (E₄ x 3.16 acres))/4.22 acres
= 1.70 in

V₃₆₀ = (1.70 in x 4.22 acres) x 1 ft/12 in
= 0.60 acre-ft x 43,560 ft²/acre
= 26,115 ft³

Total Q_P = (Q_{P2} x 0.30 acres) + (Q_{P3} x 0.74 acres) + (Q_{P4} x 3.16 acres)
= 16.62 ft³/sec

Off-Site 'Fully Developed' Condition (Via de Paz):
Drainage Basin Area = 23,527 ft x 1 acre/43,560 ft = 0.54 acres
7.84% Land Treatment 'B', 92.16% Land Treatment 'D'

Weighted E = ((E₂ x 0.04 acres) + (E₄ x 0.50 acres))/0.54 acres
= 1.87 in

V₃₆₀ = (1.87 in x 0.54 acres) x 1 ft/12 in
= 0.084 acre-ft x 43,560 ft²/acre
= 3,663 ft³

Total Q_P = (Q_{P2} x 0.04 acres) + (Q_{P4} x 0.50 acres)
= 2.26 ft³/sec

All runoff from Tract A-37-1-A and offsite drainage basins is discharged to existing storm drains in Sequoia Road and Coors Boulevard. The 'Post Development' peak discharge from Tract A-37-1-A will have a minor impact on the Coors Boulevard storm drain. Free discharge from Tract A-37-1-A is recommended for the following reasons:

- The 'Post Development' runoff from Tract A-37-1-A is a small percentage of the total runoff from the entire offsite drainage basin.
- The Coors Boulevard storm drain has sufficient capacity to convey the 'Post Development' runoff from Tract A-37-1-A.
- There are no storm water ponds on parcels adjacent to A-37-1-A.

TBM: 3/8" REBAR W/CAP 10464
SE CORNER TRACT A-37-1
TBM ELV. = 5101.6885'

BM: ACS MON. NM 448-N4A
N MEDIAN COORS BLVD. NW & SEQUOIA RD. NW
BM ELV. = 5104.408

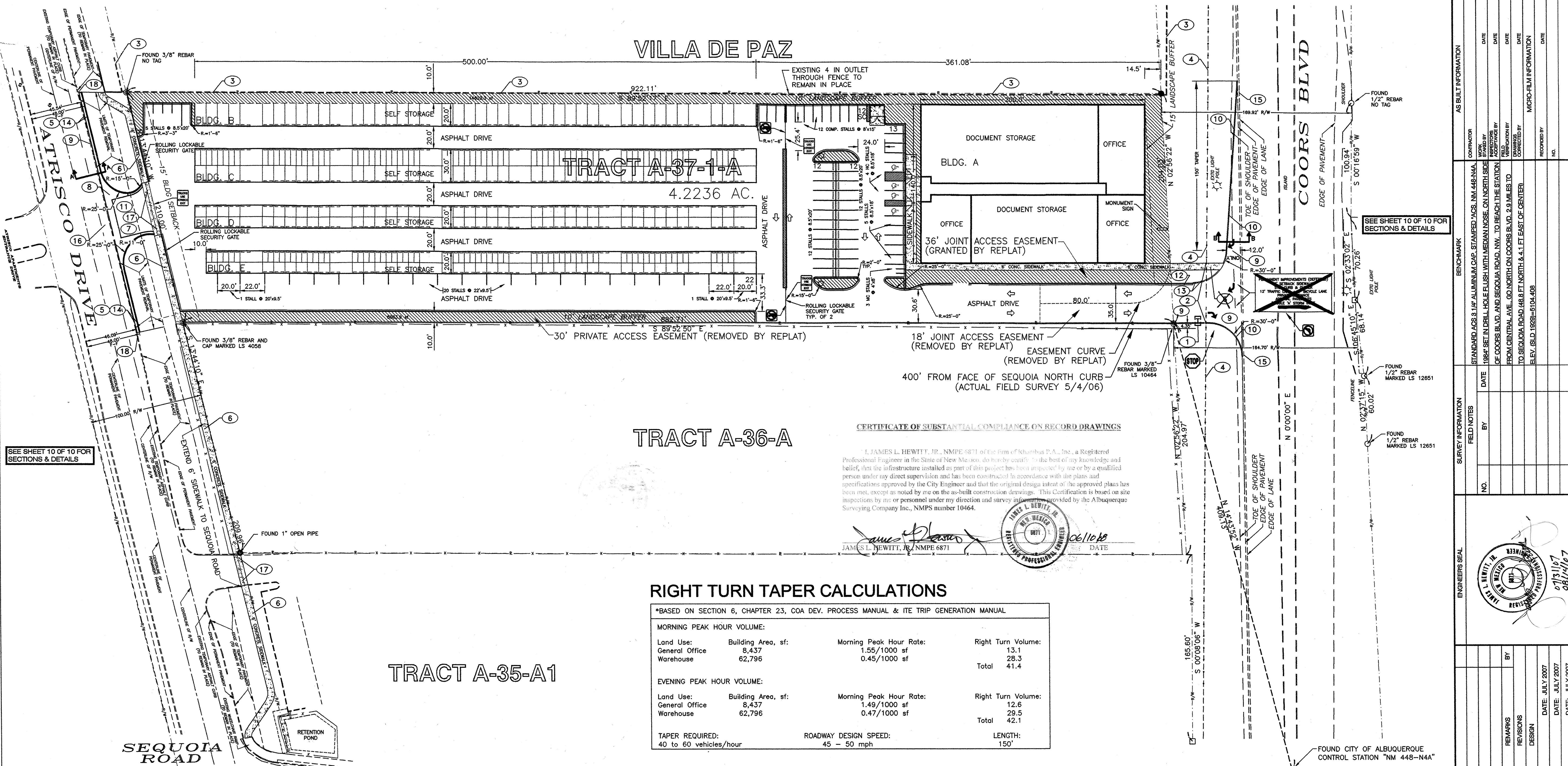
ENGINEER'S CERTIFICATION:

THE ENGINEER HAS PERSONALLY VISITED AND INSPECTED THE SITE. NO GRADING, FILLING, OR EXCAVATIONS HAVE OCCURRED AFTER THE TOPOGRAPHIC SURVEY WAS COMPLETED ON AUGUST 1, 2005.

JAMES L. HEWITT, JR., P.E. # 6871
DATE 06/22/07

	RHOMBUS P.A., INC. FACILITIES ENGINEERS & ENVIRONMENTAL CONSULTANTS e-mail: rhombus@nmia.com web site: www.RHOMBUSPA.COM 2620 San Mateo NE Suite B Albuquerque, NM 87110 TEL. (505) 881-6890 FAX (505) 881-6896		PROJECT TITLE: GLOBAL STORAGE OFFICE COMPLEX Tract A-37-1-A, Northeast Unit, Town of Atrisco Grant 3501 COORS BLVD NW ALBUQUERQUE NEW MEXICO
	SHEET TITLE: GRADING & DRAINAGE PLAN		MAP NO: G-11-Z RHOMBUS JOB NO: 05-C2-33 SHEET C-3
DRAWN BY: JLH CHECKED BY: CT FIELD WORK BY: RHOMBUS P.A., INC. DATE: 06/22/2007			

SCANNED
PLANNING



SEE SHEET 10 OF 10 FOR
SECTIONS & DETAILS

SEE SHEET 10 OF 10 FOR
SECTIONS & DETAILS

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON RECORD DRAWINGS

I, JAMES L. HEWITT, JR., NMPE 6871 of the firm of Rhombus P.A., Inc., 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 the Albuquerque Surveying Company Inc., NMPS number 10464.

James L. Hewitt, Jr.
JAMES L. HEWITT, JR., NMPE 6871
DATE 06/10/08

RIGHT TURN TAPER CALCULATIONS

*BASED ON SECTION 6, CHAPTER 23, COA DEV. PROCESS MANUAL & ITE TRIP GENERATION MANUAL			
MORNING PEAK HOUR VOLUME:			
Land Use:	Building Area, sf:	Morning Peak Hour Rate:	Right Turn Volume:
General Office	8,437	1.55/1000 sf	13.1
Warehouse	62,796	0.45/1000 sf	28.3
		Total	41.4
EVENING PEAK HOUR VOLUME:			
Land Use:	Building Area, sf:	Morning Peak Hour Rate:	Right Turn Volume:
General Office	8,437	1.49/1000 sf	12.6
Warehouse	62,796	0.47/1000 sf	29.5
		Total	42.1
TAPER REQUIRED:	ROADWAY DESIGN SPEED:	LENGTH:	
40 to 60 vehicles/hour	45 - 50 mph	150'	

PARKING CALCULATIONS

*BASED ON ABQ. ZONE CODE 14-16-3-1, "OFF-STREET PARKING REGULATIONS"	
WAREHOUSE:	1 SPACE PER 2000 SF OF NET LEASABLE 62796 SF / 2000 = 31.4 SPACES
OFFICE:	1 SPACE PER 200 SF OF NET LEASABLE AREA NET LEASABLE AREA: 8437 SF 8437 SF / 200 SF = 42.2 SPACES
PARKING SPACES REQUIRED:	73.6 SPACES ~ 74 SPACES
LESS 10% REDUCTION (300' OF TRANSIT ROUTE):	74 x .9 = 66.6 ~ 67 SPACES
SMALL CAR SPACES (25% OF TOTAL)	67 x .25 = 17 SPACES ALLOWED 14 SPACES PROVIDED
ACCESSIBLE PARKING REQUIRED:	4 (FOR LOTS W/ 51 TO 100 AUTOMOBILE SPACES)
ACCESSIBLE PARKING PROVIDED:	4
TOTAL PARKING PROVIDED:	56 STANDARD + 14 SMALL CAR + 4 ADA = 74 SPACES
MOTORCYCLE PARKING REQUIRED:	3 SPACES
MOTORCYCLE PARKING PROVIDED:	3 SPACES
BICYCLE PARKING PROVIDED:	5 SPACES

LEGEND

- NEW CONCRETE SIDEWALK
- NEW LANDSCAPE AREA
- PROPOSED BIKE RACK LOCATION
- CONCRETE WHEEL STOP
- HC SYMBOL PAVEMENT MARKING
- INSTALL NEW LIGHT POLE
- TRAFFIC FLOW DIRECTION
- GRADE BREAK
- EXISTING GUARDPOST WITH CABLE
- EXISTING TELEPHONE PEDISTAL
- SET 5/8" REBAR W/ CAP LS 13979
- FOUND 3/8" REBAR AS NOTED

KEYED NOTES

- RELOCATE TELEPHONE PEDISTAL (CONTACT QWEST ENGINEERING @ 245-6846).
- REMOVE GUARDPOST WITH CABLE.
- EXISTING CMU WALL TO REMAIN.
- EXISTING GUARDPOST WITH CABLE TO REMAIN.
- CONSTRUCT STANDARD CURB & GUTTER PER COA STD DWG #2415A.
- CONSTRUCT 6" OFFSET TYPE SIDEWALK PER COA STD DWG #2430.
- CONSTRUCT PRIVATE ENTRANCE PER COA STD DWG #2426.
- CONSTRUCT 6" CONCRETE VALLEY GUTTER PER COA STD DWG #2420.
- CONSTRUCT FLEXIBLE ARTERIAL/COLLECTOR PAVEMENT PER COA STD DWG #2465.
- CONSTRUCT TEMPORARY ASPHALT CURB PER COA STD DWG #2415B(W/5' BEVEL @ NORTH/SOUTH ENDS).
- CONSTRUCT FLEXIBLE RESIDENTIAL PAVEMENT PER COA STD DWG #2405. REMOVE TEMPORARY PAVEMENT.
- CONSTRUCT MEDIAN CURB & GUTTER PER COA STD DWG #2415B.
- CUT 2" DRAIN SLOTS THROUGH TEMPORARY ASPHALT CURB.
- REMOVE TEMPORARY ASPHALT CURB.
- REMOVE OUTSIDE LANE STRIPING FROM BEGINNING OF TAPER TO OPPOSITE SOUTH CURB RETURN (ERADICATE OR WATER-BLAST).
- REMOVE 6" BICYCLE LANE STRIPING BETWEEN CURB RETURNS (ERADICATE OR WATER-BLAST).
- INSTALL TRUNCATED DOME DETECTABLE WARNING SURFACE OVER 6" THICK CONCRETE SIDEWALK. DESIGN PER ADA GUIDELINES. SUBMIT SPECIFICATIONS TO COA CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- SEE SHEET 10 FOR TEMPORARY ASPHALT CURB TRANSITION DETAILS.

BASIS OF BEARINGS

NAD 27 NEW MEXICO CENTRAL ZONE

RECORD

DRB-1003993

RHOMBUS P.A., INC.
FACILITIES ENGINEERS/ENVIRONMENTAL CONSULTANTS
2820 San Mateo NE Suite 9
Albuquerque, NM 87110
TEL: (505) 881-4880 FAX: (505) 881-4880

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE TRACT A-37-1-A, Northeast Unit Town of Atrisco Grant
MASTER PAVEMENT PLAN
(8501 COORS BLVD., NW)

Design Review Committee APPROVED DEC 04 2007
City Engineer Approval APPROVED JAN 16 2008
DESIGN REVIEW COMMITTEE CITY ENGINEER

City Project No. 790981
Zone Map No. G-11-Z
Sheet 4 of 10

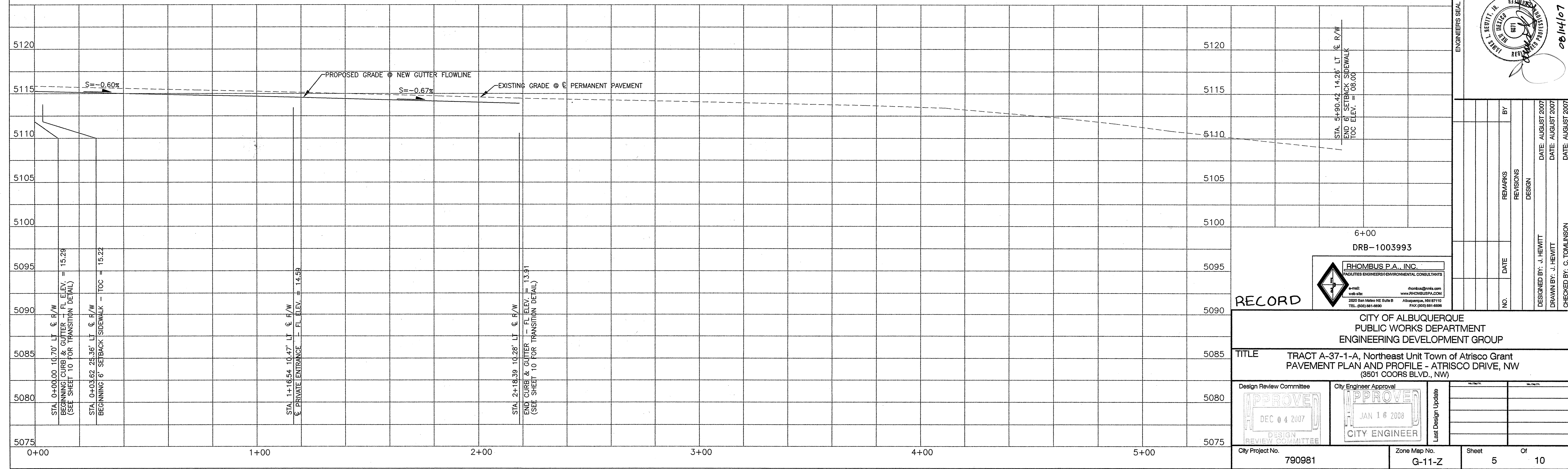
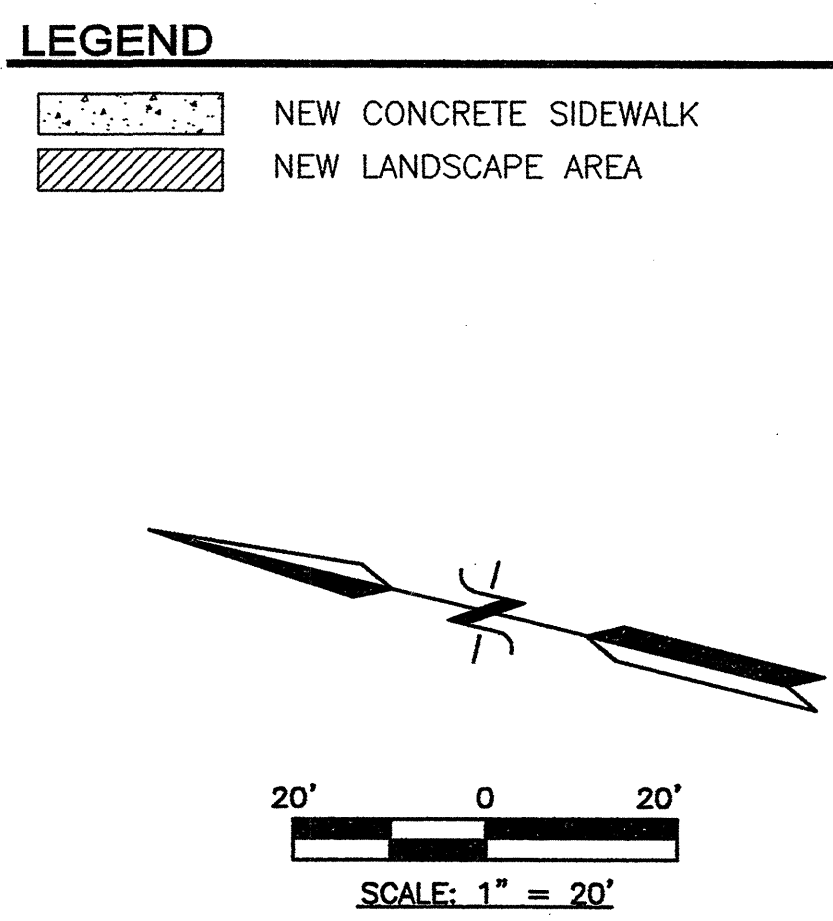
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON RECORD DRAWINGS

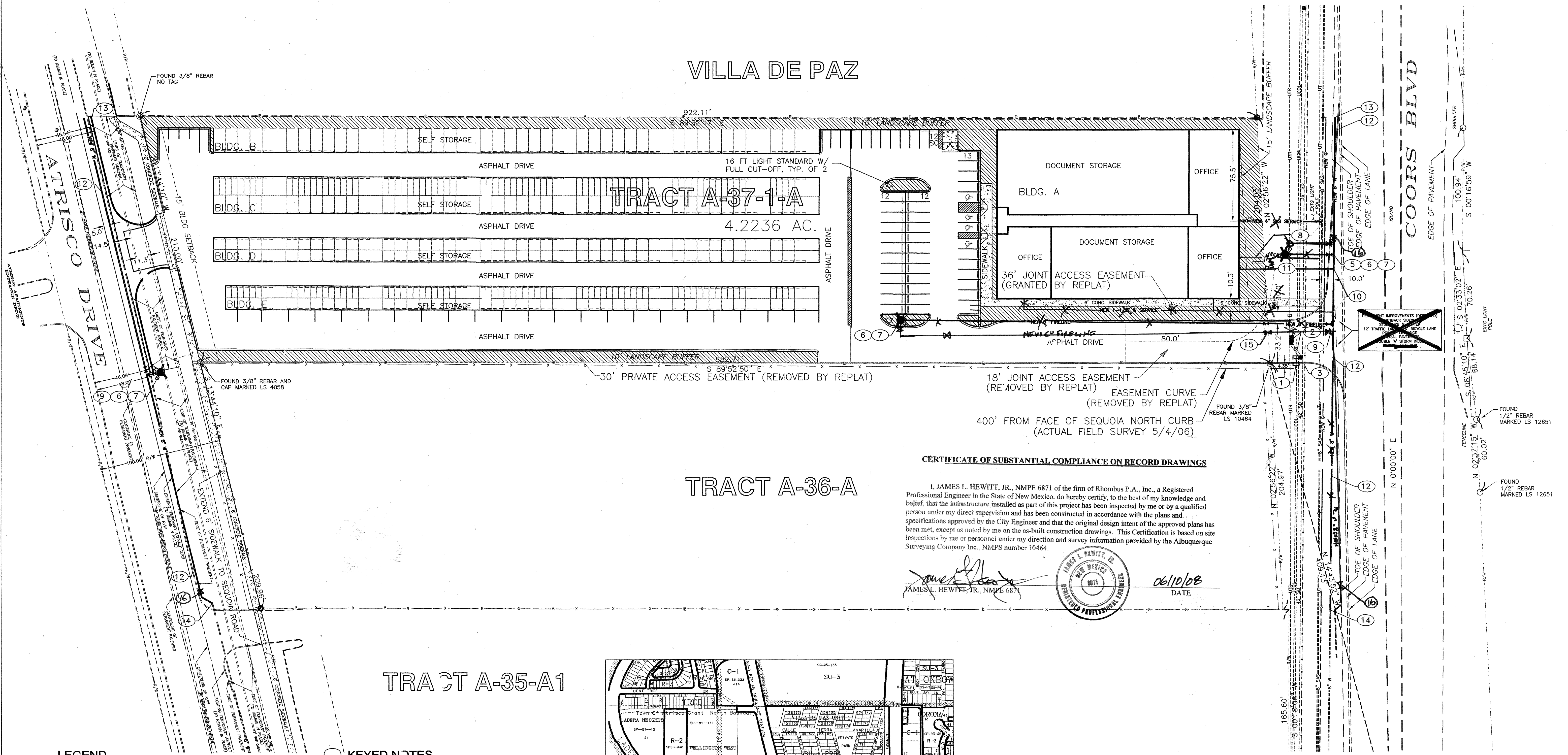
I, JAMES L. HEWITT, JR., NMPE 6871 of the firm of Rhombus P.A., Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under 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 the Albuquerque Surveying Company Inc., NMPS number 10464.

James L. Hewitt Jr.
JAMES L. HEWITT, JR., NMPE 6871

 06/10/08
DATE

- ## KEYED NOTES
- 1 DEMOLISH AND REMOVE EXISTING TEMPORARY PAVEMENT.
 - 2 CONSTRUCT STANDARD CURB & GUTTER PER COA STD DWG #2415A.
 - 3 CONSTRUCT FLEXIBLE ARTERIAL/COLLECTOR PAVEMENT PER COA STD DWG #2465 (SEE DETAIL SHEET 10).
 - 4 CONSTRUCT 6' CONCRETE VALLEY GUTTER PER COA STD DWG #2420.
 - 5 CONSTRUCT PRIVATE ENTRANCE PER COA STD DWG #2426. REMOVE TEMPORARY PAVEMENT.
 - 6 CONSTRUCT 6' OFFSET TYPE SIDEWALK PER COA STD DWG #2430.
 - 7 CONSTRUCT FLEXIBLE RESIDENTIAL PAVEMENT PER COA STD DWG #2405.
 - 8 REMOVE AND RELOCATE WIRE FENCE TO PROPERTY LINE.
 - 9 REMOVE 6' BICYCLE LANE STRIPING BETWEEN CURB RETURNS (ERADICATE OR WATER-BLAST).
 - 10 INSTALL TRUNCATED DOME DETECTABLE WARNING SURFACE OVER 6" THICK CONCRETE SIDEWALK. DESIGN PER ADA GUIDELINES. SUBMIT SPECIFICATIONS TO COA CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
 - 11 SEE SHEET 10 FOR TEMPORARY ASPHALT CURB TRANSITION DETAIL.

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VILLA DE PAZ

TRACT A-37-1-A

4.2236 AC.

TRACT A-36-A

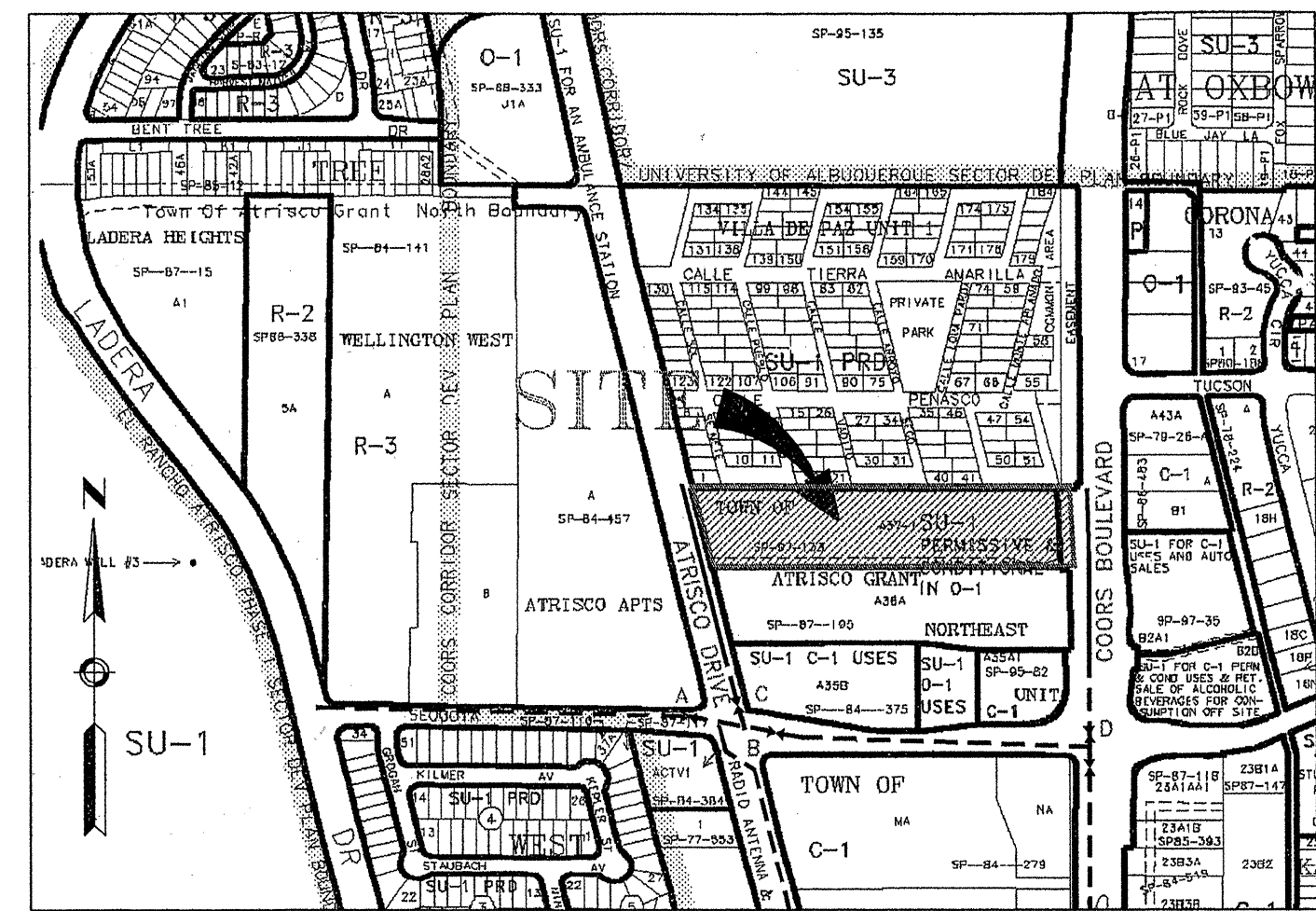
TRACT A-35-A1

LEGEND

- NEW CONCRETE SIDEWALK
- NEW LANDSCAPE AREA
- INSTALL NEW LIGHT POLE
- NEW FIRE HYDRANT
- EXISTING VERY HIGH PRESSURE GAS MAIN
- EXISTING GAS MAIN
- EXISTING TELEPHONE CABLE
- EXISTING TRAFFIC AND POWER CABLE
- EXISTING FIBER OPTIC CABLE
- EXISTING SEWER MAIN
- EXISTING SEWER MANHOLE
- NEW SEWER CLEANOUT
- NEW WATER METER
- EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE W/ BEEHIVE GRATE
- EXISTING WATER MAIN
- NEW WATER MAIN
- NEW GATE VALVE
- NEW GAS MAIN
- NEW STORM SEWER CONNECTOR PIPE
- NEW DOUBLE 'D' STORM INLET
- SET 5/8" REBAR W/ CAP LS 13979
- FOUND 3/8" REBAR AS NOTED

KEYED NOTES

- RELOCATE TELEPHONE PEDESTAL (CONTACT QWEST ENGINEERING @ 245-6846).
- CONSTRUCT DOUBLE "D" STORM INLET W/ 24-IN CONNECTOR PIPE, PER COA STD DWG #2206.
- REPLACE BEEHIVE GRATE & FRAME 1/1 NEENAH R-2554 HD GRATE & FRAME. ADJUST RIM & LID TO MATCH FINISH GRADE.
- NOT USED.
- INSTALL 1 - 8" X 8" X 6" TEE
 - 1 - NON-PRESSURIZED CONNECTION
 - 1 - 6" GATE VALVE FL-MJ
 - 1 - VALVE BOX PER COA STD DWG 2326.
- INSTALL 6" C-900 WATER PIPE WITH RESTRAINED JOINTS OR BOLTED FLANGES FROM WATER MAIN. NO CONCRETE BLOCKING WILL BE ALLOWED.
- INSTALL FIRE HYDRANT PER COA STD DWG 2340.
- INSTALL 4-IN SANITARY SEWER CONNECTION PER COA STD DWG 2125.
- INSTALL 1 - 8" X 8" X 6" TEE
 - 1 - NON-PRESSURIZED CONNECTION
 - 1 - 8" GATE VALVE FL-MJ
 - 1 - 6" GATE VALVE FL-MJ
 - 2 - VALVE BOXES PER COA STD DWG 2326.
- INSTALL 1-1/2" METERED WATER SERVICE W/ DUAL CHECK BACKFLOW PREVENTER, PER COA STD DWG 2363.
- INSTALL HEAVYWEIGHT METER BOX, COVER AND LID PER COA STD DWG 2369.
- INSTALL 8" WATER MAIN.
- INSTALL 8" CAP W/ CONCRETE BLOCKING PER COA STD DWG #2320.
- REMOVE 8" CAP W/ CONCRETE BLOCKING.
- INSTALL 6" FIRELINE WITH 6" GATE VALVE & VALVE BOX AT PROPERTY LINE PER COA STD DWG 2326.
- 1- 8" GATE VALVE & BOX PER COA STD DWG 2326



LOCATION MAP
NOT TO SCALE
MAP NO: G-11-Z

WATER SHUTOFF PLAN

- CONSTRUCT 8" WATER MAIN EXTENSION IN ATRISCO DRIVE. CLOSE VALVES A, B AND C AT SEQUOIA ROAD DURING UNPRESSURIZED CONNECTION TO EXISTING DEADEND 8" WATER MAIN IN ATRISCO DRIVE.
- CONSTRUCT 8" WATER MAIN EXTENSION IN COORS ROAD. CLOSE VALVE D AT SEQUOIA ROAD DURING UNPRESSURIZED CONNECTION TO EXISTING DEADEND 8" WATER MAIN IN COORS ROAD.
- NOTIFY ABCWUA (857-8200) SEVEN (7) WORKING DAYS PRIOR TO EXECUTION OF THE WATER SHUTOFF PLAN.
- ONLY ABCWUA PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON RECORD DRAWINGS

I, JAMES L. HEWITT, JR., NMPE 6871 of the firm of Rhombus P.A., Inc., 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 the Albuquerque Surveying Company Inc., NMPS number 10464.

JAMES L. HEWITT, JR., NMPE 6871
DATE: 06/10/08



RESTRAINED JOINT LENGTHS FOR WATER LINE FITTINGS

Restrained Joint Lengths, L* for Horizontal Bends and Valves (ft)					Restrained Joint Lengths, L* for Tees (ft)		
SIZE (in)	90°	45°	22.5°	11.5°	SIZE (in)	MINIMUM BRANCH LENGTH	
8	27	11	6	3	8 x 8 x 6	RUN	BRANCH
				72		8	1

All joints at the Tee must be restrained.

These tables are based on the following criteria:

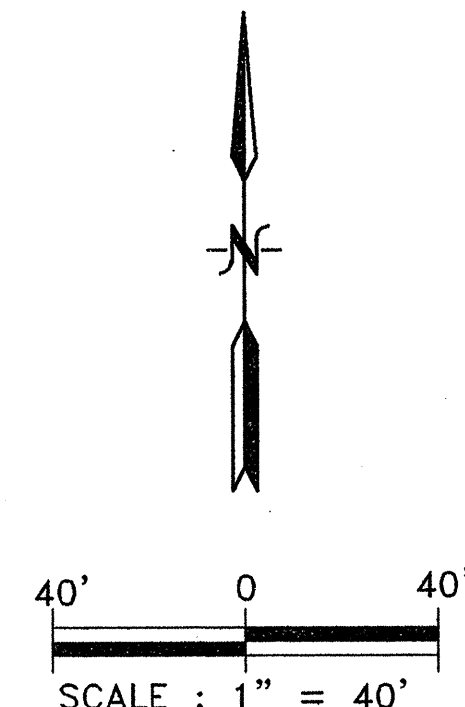
Depth of Bury: 3.0 ft. Minimum
Factor of Safety: 1.25
Material: PVC Pipe
Soil Type: GM/SM-Silty gravels and silty sands, gravel-sand-silt mixtures
Test Pressure: 150 psi
Trench Type 4: Pipe bedded in sand, gravel, or crushed stone to depth of 8th pipe diameter, 4-inch minimum, backfill compacted to top of pipe.

Different criteria (e.g., ductile iron pipe, greater depth of bury, etc.) will require different restrained lengths. These must be calculated by a qualified Professional Engineer and approved by the Public Works Department.

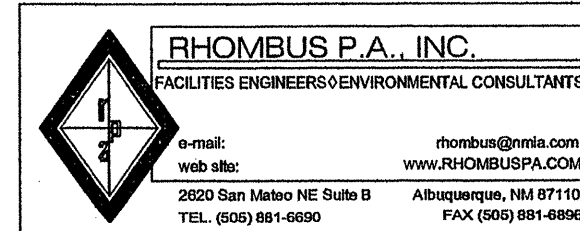
Restrained joint lengths refer to each way from fitting.

BASIS OF BEARINGS

NAD 27 NEW MEXICO CENTRAL ZONE



DRB-1003993



RECORD

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TRACT A-37-1-A, Northeast Unit Town of Atrisco Grant
MASTER UTILITY PLAN
(3501 COORS BLVD., NV)

Design Review Committee	City Engineer Approval	Last Design Update
APPROVED DEC 04 2007 DESIGN COMMITTEE	APPROVED DEC 04 2007 CITY ENGINEER	

City Project No.	Zone Map No.	Sheet	Of
790981	G-11-Z	7	10

AS BUILT INFORMATION		BENCHMARK		SURVEY INFORMATION		ENGINEERS SEAL	
CONTRACTOR	DATE	STANDARD ACS 3 1/2" ALUMINUM CAP, STAMPED ACS, NM 448-NMA	DATE	FIELD NOTES	NO.	JAMES L. HEWITT, JR. NMPE 6871 REGISTERED PROFESSIONAL ENGINEER	06/10/08
WORKS BY	DATE	1984" SET IN DRILL HOLE FLUSH WITH MEDIAN NOSE, ON NORTH SIDE OF COORS BLVD. AND SEQUOIA ROAD, NW. TO REACH THE STATION FROM CENTRAL AVE. GO NORTH ON COORS BLVD. 2.9 MILES TO TO SEQUOIA ROAD (48.8 FT NORTH & 4.1 FT EAST OF CENTER) ELEV. (SLD 1929)-5104.403	DATE	BY	DATE		
ACCEPTANCE BY	DATE		DATE				
FIELD REVISION BY	DATE		DATE				
REVISIONS	DATE		DATE				
DESIGNED BY	DATE		DATE				
DRAWN BY	DATE		DATE				
CHECKED BY	DATE		DATE				
RECORDED BY	DATE		DATE				
NO.	DATE		DATE				

TRACT
A-35-A1

TRACT A-36-A

TRACT A-37-1-A

VILLA DE PAZ

KEYED NOTES

- RELOCATE TELEPHONE PEDESTAL (CONTACT QWEST ENGINEERING @ 245-6846).
- REMOVE 8" CAP W/ CONCRETE BLOCKING.
- INSTALL 8" WATER MAIN.
- REPLACE BEEHIVE GRATE & FRAME W/ NEENAH R-2554 HD GRATE & FRAME. ADJUST RIM & LID TO MATCH FINISH GRADE.
- CONSTRUCT DOUBLE "D" STORM INLET W/ 24-IN CONNECTOR PIPE. PER COA STD DWG #2206.
- INSTALL 6" FIRELINE WITH 6" GATE VALVE & VALVE BOX AT PROPERTY LINE PER COA STD DWG 2326.
- INSTALL HEAVYWEIGHT METER BOX, COVER AND LID PER COA STD DWG 2369.
- INSTALL 1 - 8" X 8" X 6" TEE
1 - NON-PRESSURIZED CONNECTION
1 - 8" GATE VALVE FL-MJ
1 - 6" GATE VALVE FL-MJ
2 - VALVE BOXES PER COA STD DWG 2326.
- INSTALL 1-1/2" METERED WATER SERVICE W/ DUAL CHECK BACKFLOW PREVENTER. PER COA STD DWG 2363.
- INSTALL 1 - 8" X 8" X 6" TEE
1 - NON-PRESSURIZED CONNECTION
1 - 8" GATE VALVE FL-MJ
1 - VALVE BOX PER COA STD DWG 2326.
- INSTALL 6" C-900 WATER PIPE WITH RESTRAINED JOINTS OR BOLTED FLANGES FROM WATER MAIN. NO CONCRETE BLOCKING WILL BE ALLOWED.
- INSTALL FIRE HYDRANT PER COA STD DWG 2340.
- INSTALL 4-IN SANITARY SEWER CONNECTION PER COA STD DWG 2125.
- INSTALL 8" CAP W/ CONCRETE BLOCKING PER COA STD DWG #2320.
- INSTALL 1-8" GATE VALVE FL-MJ & VALVE BOX PER COA STD DWG 2326.

LEGEND

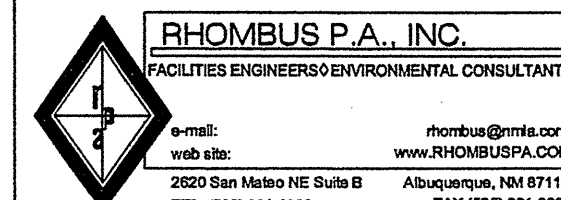
- NEW CONCRETE SIDEWALK
- NEW LANDSCAPE AREA
- EXISTING VERY HIGH PRESSURE GAS MAIN
- EXISTING GAS MAIN
- EXISTING TELEPHONE CABLE
- EXISTING TRAFFIC AND POWER CABLE
- EXISTING FIBER OPTIC CABLE
- EXISTING SEWER MAIN
- EXISTING SEWER MANHOLE
- NEW SEWER CLEANOUT
- NEW WATER METER
- EXISTING WATER MAIN
- EXISTING STORM SEWER
- EXISTING STORM SEWER MANHOLE W/ BEEHIVE GRATE
- NEW WATER MAIN
- NEW GATE VALVE
- NEW FIRE HYDRANT
- NEW GAS MAIN
- NEW DOUBLE "D" STORM INLET
- NEW STORM SEWER CONNECTOR PIPE

SCALES:
HORIZ. 1"=20'
VERT. 1"=5'

SCALE: 1" = 20'

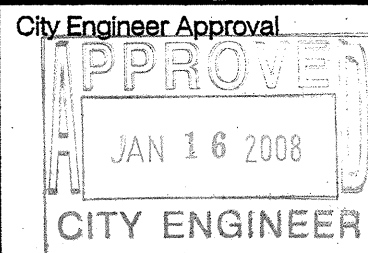
RECORD

DRB-1003993



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE TRACT A-37-1-A, Northeast Unit, Town of Atrisco Grant
UTILITY PLAN AND PROFILE - COORS BLVD., NW
(3501 COORS BLVD., NW)



Last Design Update

City Project No. 790981 Zone Map No. G-11-Z Sheet 9 Of 10

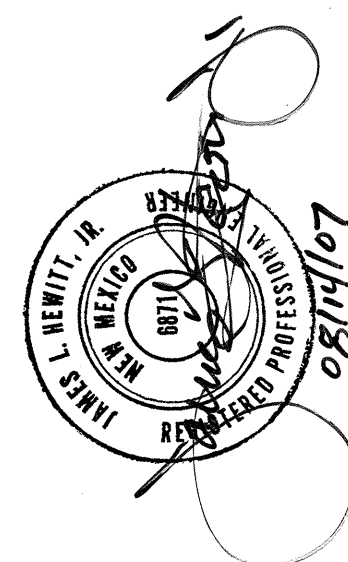
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON RECORD DRAWINGS

I, JAMES L. HEWITT, JR., NMPE #871 of the firm of Rhombus P.A., Inc., 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 plan 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 the Albuquerque Surveying Company Inc., NMPS number 10464.

JAMES L. HEWITT, JR., NMPE #871



06/10/08
DATE



CHECKED BY: G. TOMLINSON

DATE: AUGUST 2007

DATE: AUGUST 2007

DATE: AUGUST 2007

DATE: AUGUST 2007

DATE: AUGUST 2007

DATE: AUGUST 2007

DATE: AUGUST 2007

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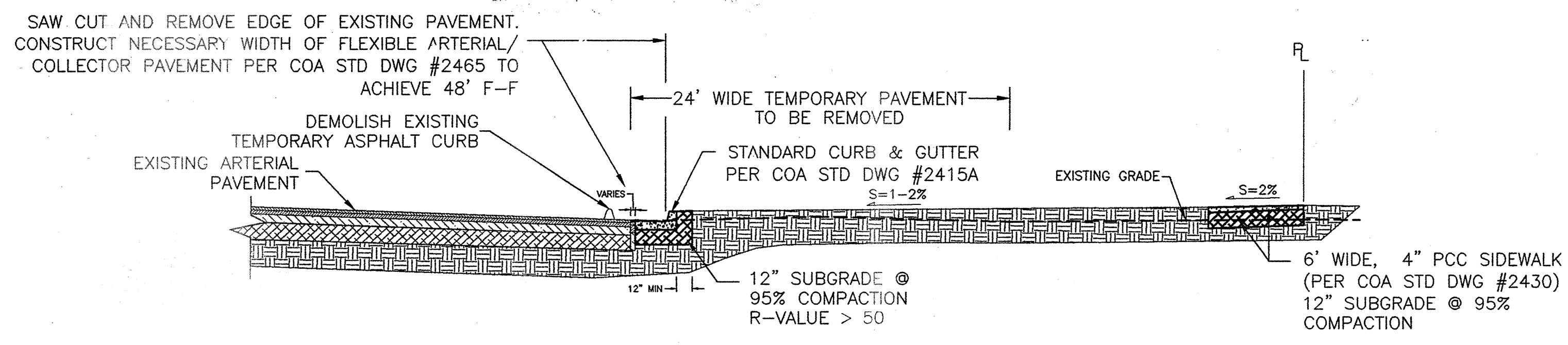
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DATE: AUGUST 2007

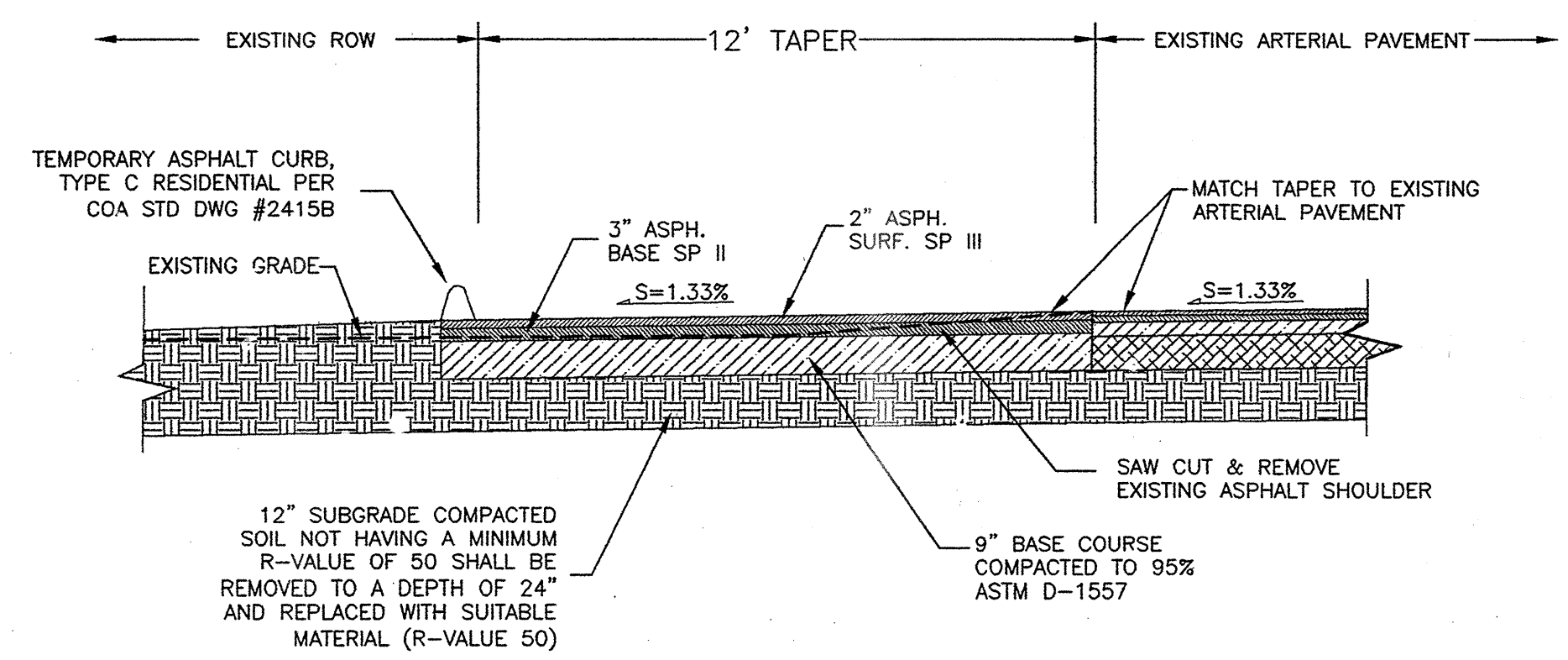
DATE: AUGUST 2007

DATE: AUGUST 2007

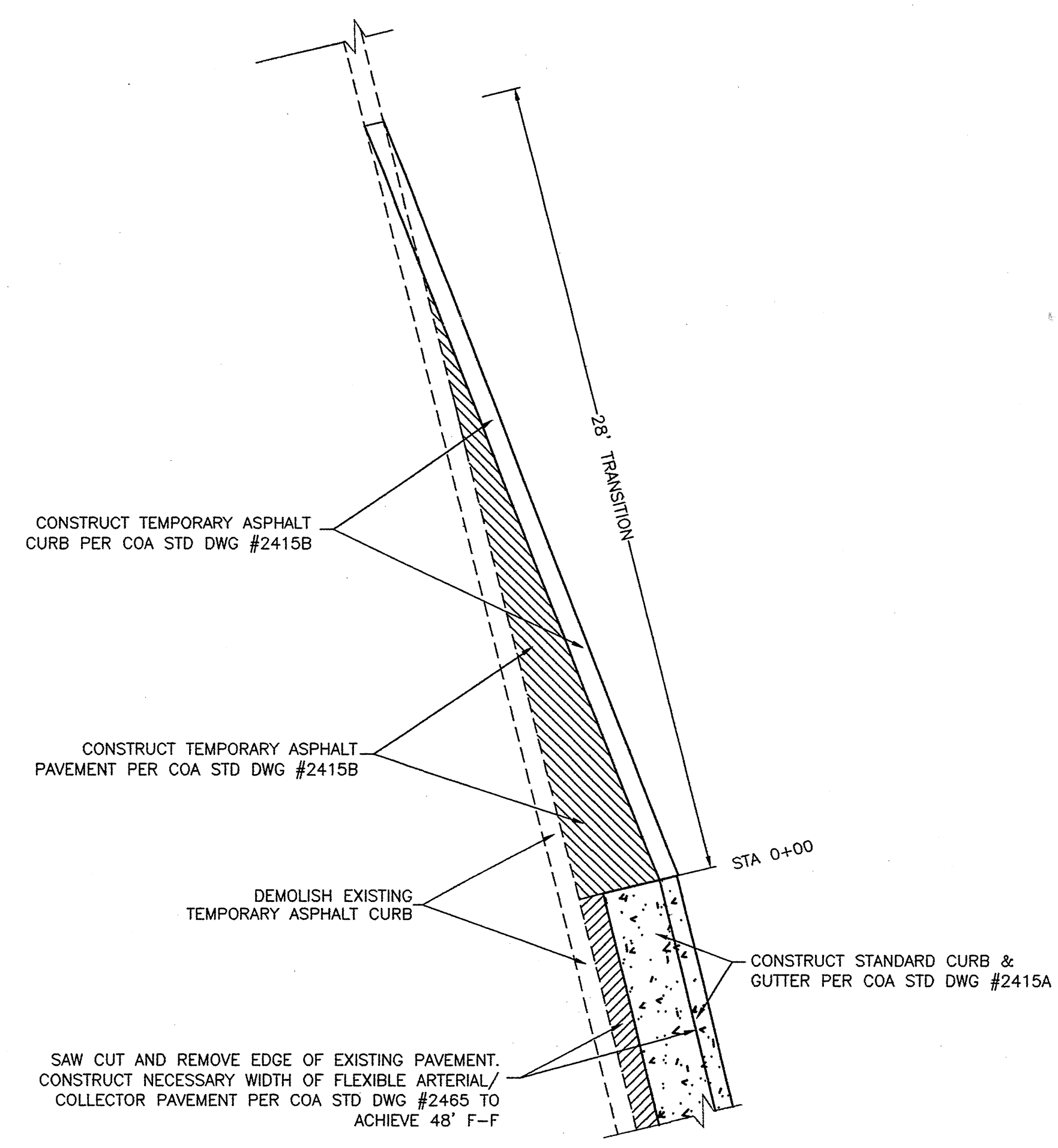
SCANNED
PLANNING



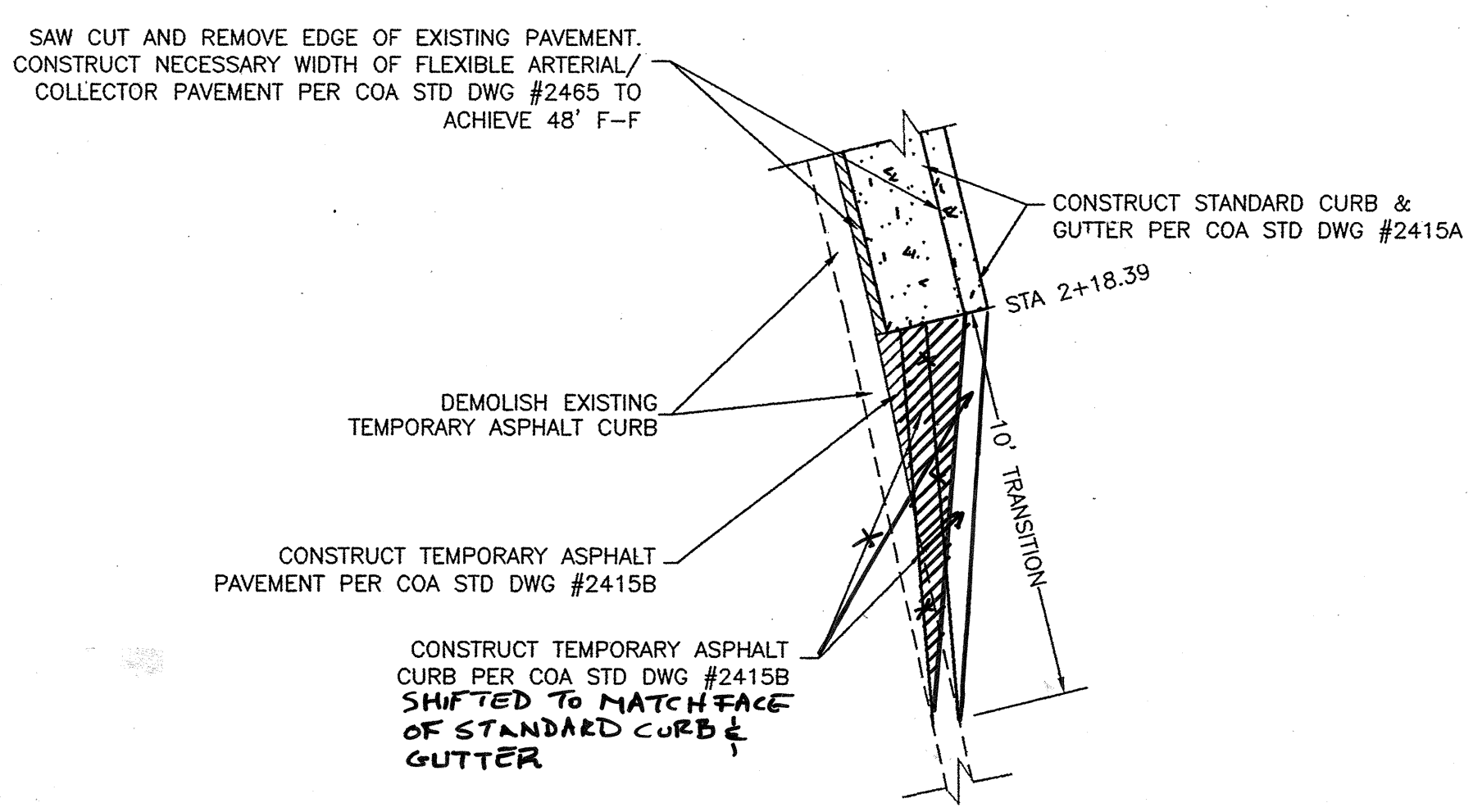
SECTION A-A ATRISCO DRIVE, NW
NOT TO SCALE



SECTION B-B COORS BLVD., NW
NOT TO SCALE



TEMPORARY ASPHALT CURB TRANSITION (ATRISCO DRIVE, NW)
NOT TO SCALE



TEMPORARY ASPHALT CURB TRANSITION (ATRISCO DRIVE, NW)
NOT TO SCALE

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON RECORD DRAWINGS

I, JAMES L. HEWITT, JR., NMPE 6871 of the firm of Rhombus P.A., Inc., 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 the Albuquerque Surveying Company Inc., NMPS number 10464.

James L. Hewitt, Jr.
JAMES L. HEWITT, JR., NMPE 6871
DATE: 06/10/08

RECORD

DRB-1003993

RHOMBUS P.A., INC.
FACILITIES ENGINEERS/ENVIRONMENTAL CONSULTANTS

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TEL: (505) 881-6890 FAX: (505) 881-6896

rhombus@rhombus.com
www.RHOMBUSPA.COM

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE TRACT A-37-1, Northeast Unit, Town of Atrisco Grant ATRISCO DRIVE/COORS BLVD. PAVEMENT DETAILS (3501 COORS BLVD., NW)	
Design Review Committee APPROVED DEC 04 2007 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED JAN 16 2008 CITY ENGINEER
City Project No. 790981	Zone Map No. G-11-Z
Sheet 10	Of 10

AS BUILT INFORMATION		BENCHMARK		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	STANDARD ACS 3 1/4" ALUMINUM CAP, STAMPED "ACS, NM 448-144"	DATE	NO.	BY		06/10/08
DESIGNED BY	DATE	1984' SET IN DRILL HOLE FLUSH WITH MEDIAN NOSE, ON NORTH SIDE	DATE	DATE	REMARKS		
REVISIONS	DATE	OF COORS BLVD. AND SEQUOIA ROAD, NW, TO REACH THE STATION	DATE	DESIGN	REVISIONS		
FIELD VERIFICATION BY	DATE	FROM CENTRAL AVE., GO NORTH ON COORS BLVD. 2.9 MILES TO	DATE	DATE: JULY 2007	DATE: JULY 2007		
CONTRACTOR'S COMMENTS	DATE	TO SEQUOIA ROAD (48.8 FT NORTH & 4.1 FT EAST OF CENTER)	DATE	NO.	BY	DESIGNED BY: J. HEWITT	CHECKED BY: J. HEWITT
RECORDED BY	DATE	ELEV. (SLD 1929)-5104.408	DATE	NO.	DATE	DRAWN BY: J. HEWITT	DATE: JULY 2007
NO.	DATE		DATE	NO.	DATE		DATE: JULY 2007