

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

SCANNED BY
PLANNING

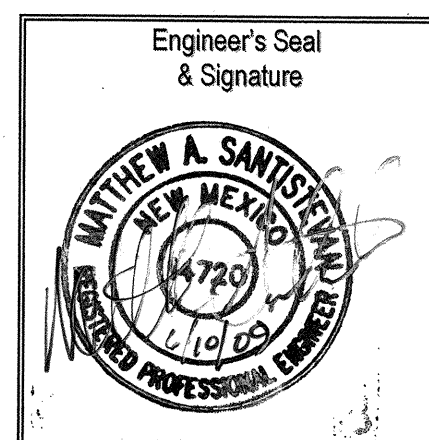
CONSTRUCTION PLANS FOR PASEO DEL NORTE & VENTURA STREET DEVELOPMENT OFFSITE IMPROVEMENTS PHASE I ALBUQUERQUE, NEW MEXICO

INDEX

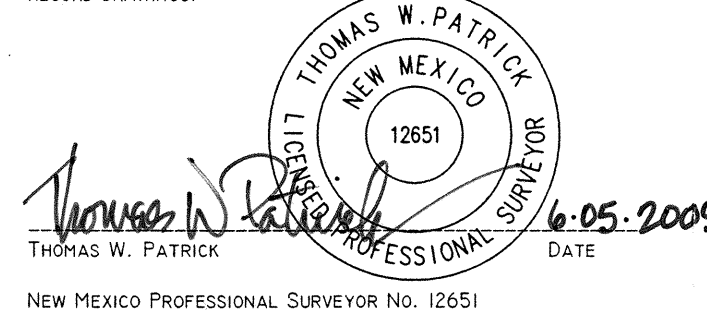
SHEET NUMBER	DESCRIPTION	SHEET NUMBER	DESCRIPTION
1	TITLE SHEET	10	TRAFFIC SIGNAL & LIGHTING MODIFICATION NOTES
2	SURVEY CONTROL SHEET / OVERALL SITE PLAN	11	TRAFFIC SIGNAL & LIGHTING MODIFICATION PLAN
3A-3D	PLAT	12	TRAFFIC CONTROL PLAN - PHASE I
4	GRADING PLAN - FOR INFORMATION ONLY	13	TRAFFIC CONTROL PLAN - PHASE II
5A-5B	OVERALL PAVING PLAN		
6	PAVING PLAN - PASEO DEL NORTE		
7	PAVING PLAN - VENTURA STREET		
8	PAVING PLAN - BARSTOW STREET		
9A-9B	STRIPING & SIGNING PLAN		
9C	N.M.D.O.T. General Notes		

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Matthew A. Santistevan of the firm of Bohannon Huston, 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 shown on these drawings (Paseo del Norte & Ventura Street Development Offsite Improvements Phase I) 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 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 contractor, Construction Contracting & Management and their surveyor, Thomas W. Patrick, NMPS No. 12651.



SURVEYOR'S CERTIFICATE
I, THOMAS W. PATRICK, A DULY QUALIFIED LICENSED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE AS-BUILT INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM FIELD CONSTRUCTION AND "AS-BUILT" SURVEYS PERFORMED BY ME, OR UNDER MY SUPERVISION, THAT THE "AS-BUILT" INFORMATION SHOWN ON THESE DRAWINGS (UNLESS OTHERWISE NOTED) WAS ADDED BY ME, OR BY UNDER MY SUPERVISION, AND THAT THIS "AS-BUILT" INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. COMMUNITY SCIENCES CORPORATION IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING AND/OR INTENT OF THE RECORD DRAWINGS.



Note:
Improvements Within N.M.D.O.T. Right-of-Way
Shall Be Approved By N.M.D.O.T.
See Sheet 9C For N.M.D.O.T. General Notes

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY ENGINEER
DATE: 06/03/09

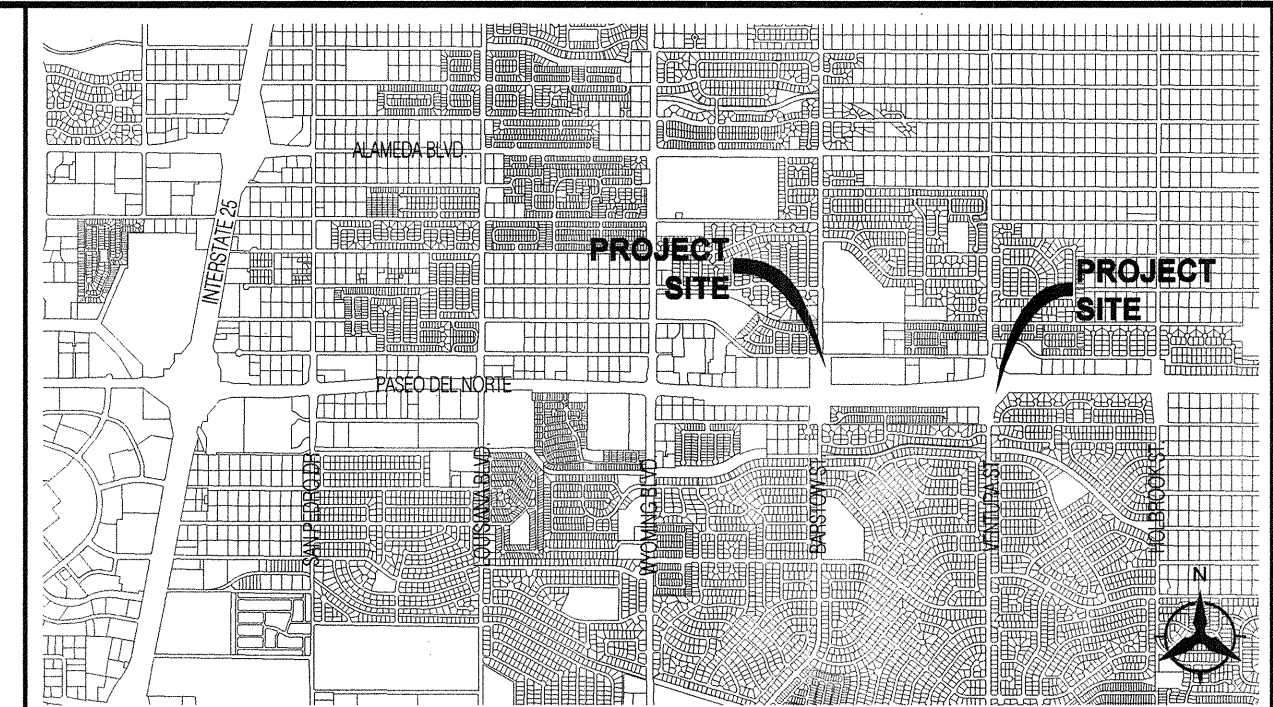
RECORD DRAWING

Bohannon Huston

ourtyard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

NOTICE TO CONTRACTORS CONTINUED

- CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNAGE UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
 - DEVELOPER SHALL PROVIDE AND MAINTAIN ALL SIGNING AND STRIPING WITHIN PRIVATE STREETS / DEVELOPMENT.
 - ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P & C.O.A. STD. DWG. 2465
 - ALL UTILITIES SHALL BE BACKFILLED TO 95% COMPACTION FOR THE ENTIRE DEPTH OF THE TRENCH. THIS INCLUDES ALL SANITARY SEWER LINES, WATER LINES, STORM DRAIN LINES, DRY UTILITY SLEEVES AND TRAFFIC SIGNAL / STREET LIGHT CONDUITS.
- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED**
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
 - ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
 - ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
 - ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
 - ☒ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
 - ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
 - ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

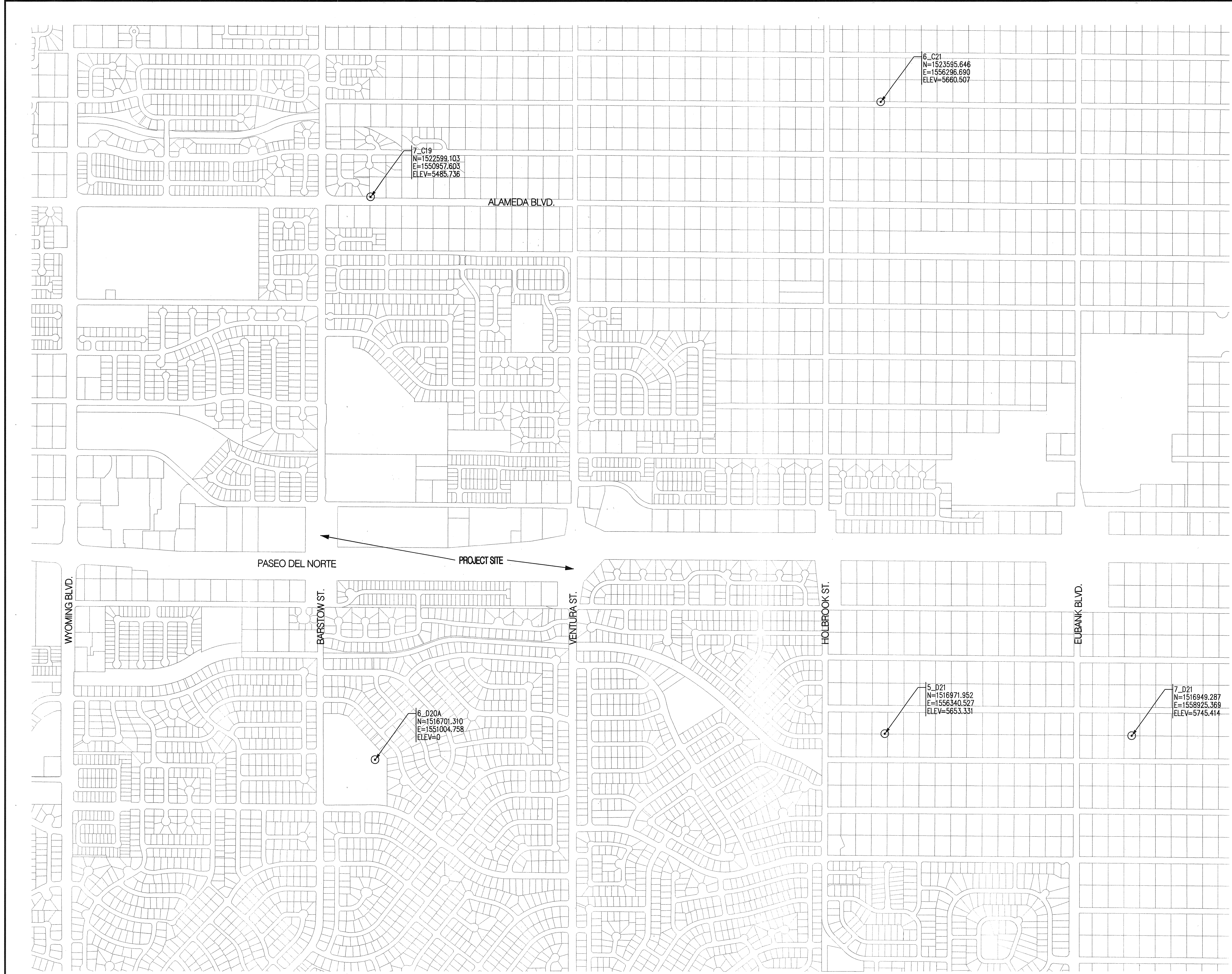


VICINITY MAP: NOT TO SCALE ZONE MAP NO. D-20-Z

NOTICE TO CONTRACTORS

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
- 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 NO. 1.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) 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.
- SEVEN (7) 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 CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION 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 CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- 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 HAS BEEN RECORDED.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- CONTRACTOR SHALL COORDINATE WITH THE ABOJWA WATER AUTHORITY (857-8200) SEVEN WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY WATER PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER AUTHORITY SEVEN (7) DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	*****	*****	*****	*****
DRC Chairman	2/10/09						
Transportation	1-7-09						
Water/Wastewater	1-7-09						
Hydrology	1-7-09						
CIP							
Const. Mngmt.							
Const. Coord.							
AMAFCA							
DRB CASE NUMBER	1006602	CITY PROJECT NO.	719982	SHEET	1	OF	13



6_C21
N=1523595.646
E=1556296.690
ELEV=5660.507

7_C19
N=1522599.103
E=1550957.603
ELEV=5485.736

ALAMEDA BLVD.

PASEO DEL NORTE

PROJECT SITE

BARTOW ST.

VENTURA ST.

HOLBROOK ST.

EUBANK BLVD.

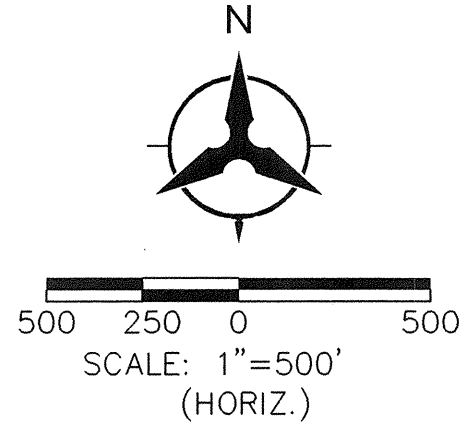
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ELEV=0

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E=1556340.527
ELEV=5653.331

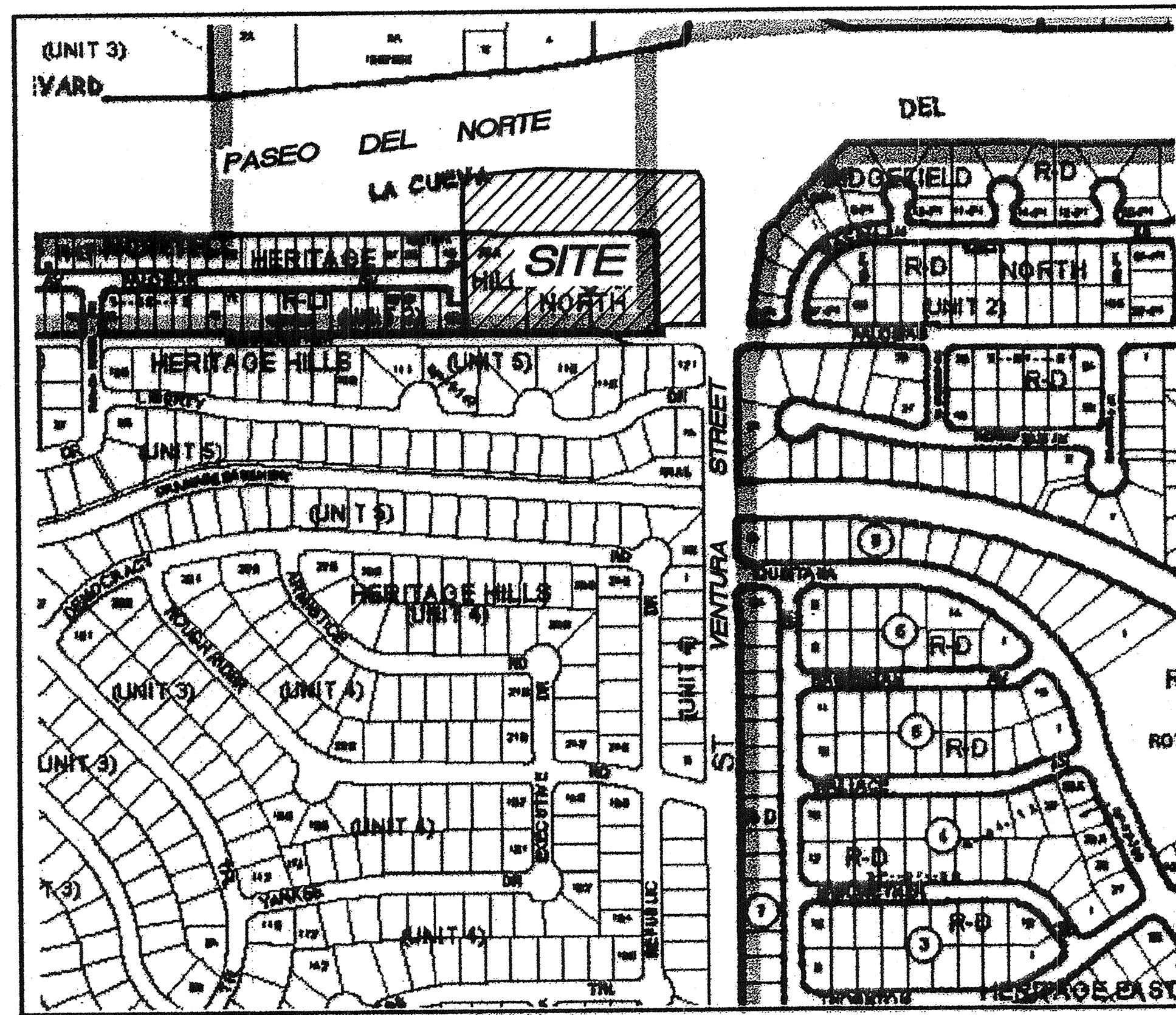
7_D21
N=1516949.287
E=1558923.369
ELEV=5745.414

1. THE HORIZONTAL COORDINATE SYSTEM IS LOCAL, GROUND MODIFIED FROM NEW MEXICO STATE PLANE COORDINATES, CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983. ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988. THE COMBINED SCALE FACTOR FOR GROUND TO GRID TRANSFORMATION OF THE HORIZONTAL COORDINATES IS 0.999651528.
2. THIS CONTROL IS BASED UPON THE CITY OF ALBUQUERQUE CONTROL SYSTEM. CONTROL MONUMENTS USED INCLUDE: 5_D21, 6_C21, 7_C19, 7_D21, 6_D20A.
3. THE OVERALL RELATIVE HORIZONTAL ERROR IN THE CALIBRATION TO ACS MONUMENTATION WAS 0.58 FEET. THE OVERALL RELATIVE VERTICAL ERROR IN THE CALIBRATION DOES NOT EXCEED 0.01 FEET.
4. A CONTROL REPORT CONFORMING TO THE 2007 MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO IS AVAILABLE FROM THE SURVEYOR OF RECORD.

RECORD DRAWING



Bohannon & Huston Court yard 7500 Jefferson St. NE Albuquerque, NM 87109-4335 ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES	
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT PASEO DEL NORTE & VENTURA STREET DEVELOPMENT OFFSITE IMPROVEMENTS PHASE I SURVEY CONTROL SHEET / OVERALL SITE PLAN	
DESIGN REVIEW COMMITTEE APPROVE FEB 20 2009 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVE APR 10 2009 CITY ENGINEER
CITY PROJECT NO. 719982	ZONE MAP NO. D-20-Z
SHEET 2	OF 13



VICINITY MAP
Not to Scale

GENERAL NOTES

- Bearings are New Mexico State Plane Grid Bearings, Central Zone (NAD 83).
- Distances are ground.
- Distances along curved lines are arc lengths.
- Record Plat or Deed bearings and distances, where they differ from those established by this field survey, are shown in parenthesis ().
- All corners found in place and held were tagged with a brass disk stamped "HUGG L.S. 9750" unless otherwise indicated hereon.
- All corners that were set are either a 5/8" rebar with cap stamped "HUGG L.S. 9750" or a concrete nail with brass disk stamped "HUGG L.S. 9750" unless otherwise indicated hereon.
- U.C.L.S. Log Number 2007483512
- City of Albuquerque Zone Atlas Page D-20.
- The subject property is currently zoned SU-2/C-1 as shown on City of Albuquerque Zone Atlas Page D-20, dated May 17, 2007

PURPOSE OF PLAT

The purpose of this plat is to

- Eliminate the existing interior tract/lot lines and subdivide into three (3) new Tracts as shown hereon.
- Show the Vacation of Private Access and Drainage Easement Vacated by 08DRB-70028
- Show the Vacation of Public Drainage Easements and Public right of way Vacated by 08DRB-70053 and DRB08-70054.
- Grant the new easements as shown hereon.
- Dedicate the additional public right of way as shown hereon.

SUBDIVISION DATA

- Total number of existing Lots: 8
- Total number of existing Tracts: 1
- Total number of Tracts created: 3
- Gross Subdivision acreage: 5.8906 acres.

TREASURERS CERTIFICATION

This is to certify that taxes are current and paid on the following:

10200632251020594
Alm LLC
Capital Trust Co
Bernalillo County Treasurer
Date 4/21/08

PUBLIC UTILITY EASEMENTS

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

- PNM Electric Services for installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical service.
- PNM Gas Services for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- QWest Corporation for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to ground pedestals and closures.
- Comcast Cable for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said easements, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (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 transformers/switchgears, as installed, shall extend ten feet (10') in front of transformer/switchgear doors and five feet (5') on each side.

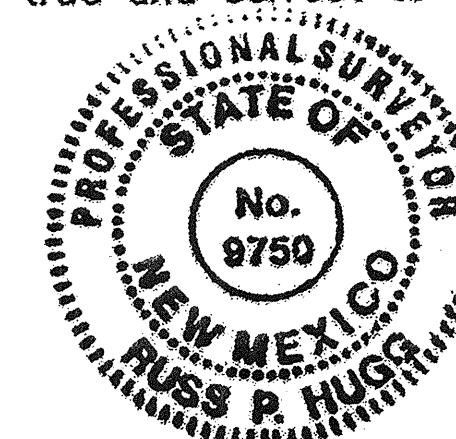
DISCLAIMER

In approving this plat, PNM Electric Services and Gas Services (PNM) did not conduct a Title Search of the properties shown hereon. Consequently, PNM does not waive nor release any easement or easement rights to which it may be entitled.

SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that this plat of survey was prepared from field notes of an actual ground survey performed by me or under my supervision; that it meets the Standards for Land Surveys in New Mexico as adopted by the New Mexico State Board of Registration for Professional Engineers and Professional Surveyors; that it meets the minimum requirements for surveys and monumentation of the Albuquerque Subdivision Ordinance; that it shows all easements of record; and that it is true and correct to the best of my knowledge and belief.

Russ P. Hugg
NMPS No. 9750
December 3, 2007



PLAT OF PARCELS A, B AND C VENTURA PLAZA

(BEING A REPLAT OF PORTIONS OF LOTS 13 THRU 17 AND ALL OF LOTS 18A, 19A AND 20A, BLOCK 31, TRACT A, UNIT A, NORTH ALBUQUERQUE ACRES; A PORTION OF TRACT B, HERITAGE HILLS NORTH AND VACATED PORTION OF PALOMAS AVENUE N.E.)

WITHIN
THE ELENA GALLEGOS GRANT
IN

PROJECTED SECTION 20, TOWNSHIP 11 NORTH, RANGE 4 EAST
NEW MEXICO PRINCIPAL MERIDIAN

CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 2007

PROJECT NUMBER: 1006602

Application Number: 08DRB-70028

PLAT APPROVAL

Utility Approvals

<i>[Signature]</i> PNM Electric Services	2/19/2008 Date
<i>[Signature]</i> PNM Gas Services	2/19/2008 Date
<i>[Signature]</i> QWest Corporation	2/19/08 Date
<i>[Signature]</i> Comcast	1-15-08 Date

City Approvals

<i>[Signature]</i> City Surveyor	1-15-08 Date
<i>[Signature]</i> Real Property Division	4-2-08 Date
<i>[Signature]</i> Environmental Health Department	Date
<i>[Signature]</i> Traffic Engineering, Transportation Division	2/27/08 Date
<i>[Signature]</i> Utilities Development	3-18-08 Date
<i>[Signature]</i> Parks and Recreation Department	2/27/08 Date
<i>[Signature]</i> AMAFCA	2/27/08 Date
<i>[Signature]</i> City Engineer	2-27-08 Date
<i>[Signature]</i> DRB Chairperson, Planning Department	04-03-08 Date

DOCH 2008038110
04/03/2008 03:17 PM Page: 1 of 4
PLAT R-522 00 B: 2008C P: 0053 M: Toulouse, Bernalillo County

RECORD DRAWING

SHEET 1 OF 4

SURV TEK, INC.

Consulting Surveyors
9384 Valley View Drive, N.W. Albuquerque, New Mexico 87114
Phone: 505-897-3366
Fax: 505-897-3377

PLAT OF
PARCELS A, B AND C
VENTURA PLAZA

(BEING A REPLAT OF PORTIONS OF LOTS 13 THRU 17 AND ALL OF LOTS 18A,
19A AND 20A, BLOCK 31, TRACT A, UNIT A, NORTH ALBUQUERQUE ACRES; A PORTION
OF TRACT B, HERITAGE HILLS NORTH AND VACATED PORTION OF PALOMAS AVENUE N.E.)

WITHIN
THE ELENA GALLEGOS GRANT
IN
PROJECTED SECTION 20, TOWNSHIP 11 NORTH, RANGE 4 EAST
NEW MEXICO PRINCIPAL MERIDIAN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 2007

LEGAL DESCRIPTION

That certain tract of land lying and situate within the Elena Gallegos Grant in projected Section 20, Township 11 North, Range 4 East, City of Albuquerque, Bernalillo County, New Mexico, being and comprising the following:

All of Lots numbered 18A, 19A and 20A in Block numbered 31 of North Albuquerque Acres, Tract A, Unit A, Albuquerque, Bernalillo County, New Mexico, as the same are shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico, on October 11, 1996, in Plat Book 96C, page 431.

TOGETHER WITH:

An Easterly portion of Tract B, Heritage Hills North as the same is shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico, on October 11, 1996, in Plat Book 96C, page 431 and a portion of Palomas Avenue NE as the same is shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico, on March 17, 1937, in Volume D, Folio 129, said parcels having been Vacated by City of Albuquerque Vacation action 08DRB-70053 and 08DRB-70053.

TOGETHER WITH:

The remaining Southerly portions of Lots numbered Thirteen (13) through Seventeen (17), Block 31, North Albuquerque Acres, Tract A, Unit A, as the same are shown and designated on the plat thereof filed in the office of the County Clerk of Bernalillo County, New Mexico on March 17, 1937 in Volume D, Folio 129, said remaining portions acquired by the New Mexico State Highway and Transportation Department as Right of Way under New Mexico Project Number TPU-4054(2), with said tracts to be possibly sold as excess right of way, said tract being more particularly described as follows:

BEGINNING at the Southwest corner of said Lot 13 (a concrete nail and brass disc stamped "L.S. 9750" set) said point also being the Northwest corner of said Lot 20A and a point on the South present day right of way line of Paseo Del Norte, New Mexico Project TPU-4054(2) whence the Albuquerque Control Survey Monument "5-D21" bears S 57° 47' 43" E, 3993.32 feet distant; Thence,

N 00° 16' 38" E, 133.02 feet to the Northwest corner of the tract herein described (a 1/2" rebar and cap stamped "PS 11993" found in place); Thence,

N 84° 43' 40" E, 187.12 feet to an angle point (a 1/2" rebar and cap stamped "PS 11993" found in place); Thence,

S 88° 15' 21" E, 394.94 feet to the Northeast corner of the tract herein described (a 1/2" rebar and cap stamped "PS 11993" found in place); Thence,

S 28° 06' 31" E, 23.91 feet to an angle point (a 1/2" rebar and cap stamped "PS 11993" found in place); Thence,

S 00° 02' 47" W, 120.76 feet a point (a 1/2" rebar and cap stamped "PS 11993" found in place); Thence,

S 00° 14' 02" W, 233.96 feet to an angle point on the Southerly line of said Lot 17 (a 1/2" rebar and cap stamped "PS 11993" found in place); Thence,

S 02° 47' 51" W, 54.07 feet to a point on the Northerly line of Heritage Hills Unit 5 as the same is shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico April 14, 1980 in Plat Book C16, page 137; Thence,

N 89° 39' 44" W, 590.47 feet along said Northerly line of Heritage Hills Unit 5 to the Southwest corner of the tract herein described; Thence,

N 00° 13' 28" E, 29.29 feet to the Southwest corner of said Lot 20A (a concrete nail and brass disc stamped "LS 9750" set); Thence,

N 00° 13' 48" E, 258.84 feet to the point of beginning of the tract herein described.

Said tract contains 5.8906 acres, more or less.

FREE CONSENT AND DEDICATION

SURVEYED and REPLATTED and now comprising PLAT OF VENTURA PLAZA (BEING A REPLAT OF PORTIONS OF LOTS 13 THRU 17 AND ALL OF LOTS 18A, 19A AND 20A, BLOCK 31, TRACT A, UNIT A, NORTH ALBUQUERQUE ACRES; A PORTION OF TRACT B, HERITAGE HILLS NORTH AND VACATED PORTION OF PALOMAS AVENUE N.E.) WITHIN THE ELENA GALLEGOS GRANT IN PROJECTED SECTION 20, TOWNSHIP 11 NORTH, RANGE 4 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, with the free consent of and in accordance with the wishes and desires of the undersigned owner(s) and proprietor(s) thereof. Said owner(s) and proprietor(s) do hereby dedicate the additional public street right of way as shown hereon to the City of Albuquerque in fee simple with warranty covenants. Said owner(s) and proprietor(s) do hereby grant all private and public easements as shown hereon. Said owner(s) and proprietor(s) do hereby warrant that they hold among them, complete and indefeasible title in fee simple to the land subdivided. Said owner(s) and proprietor(s) do hereby consent to all of the foregoing and do hereby represent that they are so authorized to act.

OWNER(S)

ALM, L.L.C.
a New Mexico limited liability company

By: Adil Rizvi, Managing Member

ACKNOWLEDGMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO SS

This instrument was acknowledged before me on this 14th day

of FEBRUARY, 2008, by Adil Rizvi.

Notary Public



OFFICIAL SEAL
DOUGLAS H. PETERSON
NOTARY PUBLIC-STATE OF NEW MEXICO
My commission expires: 11/28/11

11/28/11
My commission expires

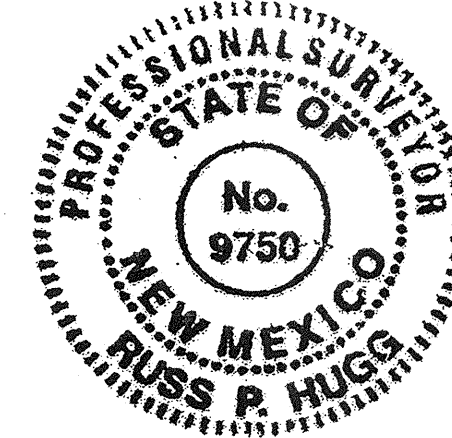
Documents used in the preparation of this survey are as follows:

- Plat entitled "Heritage Hills North Unit 1", filed in the Office of the County Clerk of Bernalillo County, New Mexico, on October 11, 1996, in Plat Book 96C, Page 431.
- Plat entitled "LOTS 112-A & 113-A, Heritage Hills Unit 5", filed in the Office of the County Clerk of Bernalillo County, New Mexico, on May 5, 1981, in Plat Book C12, Page 65.
- Plat entitled "38, 39, 40, 59, 60 and 61, Heritage Hills North Unit II", filed in the Office of the County Clerk of Bernalillo County, New Mexico, on September 5, 2003 in Plat Book 2003C, Page 272.
- Plat entitled "TRACT A- UNIT A, NORTH ALBUQUERQUE ACRES", filed in the Office of the County Clerk of Bernalillo County, New Mexico, on March 17, 1937, in Plat Book D, Page 137.
- Plat entitled "Heritage Hills Unit 5", filed in the Office of the County Clerk of Bernalillo County, New Mexico, on April 14, 1980, in Plat Book C16, Page 137.
- Plat entitled "Heritage Hills North Unit 2", filed in the Office of the County Clerk of Bernalillo County, New Mexico, on September 5, 2003, in Plat Book 2003C, Page 272.
- Plat entitled "Heritage Hills North Unit 1", filed in the Office of the County Clerk of Bernalillo County, New Mexico, on October 11, 1996, in Plat Book 96C, Page 431.
- Plat entitled "Lots 18A, 19A and 20A, Block 31, TRACT A- UNIT A, NORTH ALBUQUERQUE ACRES", filed in the Office of the County Clerk of Bernalillo County, New Mexico, on October 11, 1996, in Plat Book 96C, Page 431.
- New Mexico State Highway Commission Right of Way Map, New Mexico Project No. TPU-4054(2). Final Map dated May 7, 1993.
- Title Reports prepared for this property by LandAmerica Albuquerque Title, and underwritten by Commonwealth Land Title Insurance Company, Commitment for Title Insurance No. 6216000368 and 6216000368A, dated July 13, 2006.

SECTION 14-14-4-7 PROHIBITION ON PRIVATE RESTRICTIONS ON THE INSTALLATION OF SOLAR COLLECTORS

"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 proposed plat. The foregoing requirement shall be a condition to approval of this plat or site development plan for subdivision"

DOCH 2008038110
04/09/2008 03:17 PM Page: 2 of 4
PLAT R: \$22.00 B: 2008C P: 0069 M: Toulouse, Bernalillo County

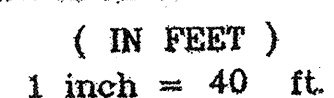


RECORD DRAWING

SHEET 2 OF 4

SURV TEK, INC.

Consulting Surveyors
9384 Valley View Drive, N.W. Albuquerque, New Mexico 87114
Rhône: 505-897-3366
Fax: 505-897-3377



LINE	LENGTH	BEARING
L1	23.91'	S28°06'31"E
L2	25.03'	S01°05'11"W
L3	31.33'	N00°00'00"E

DOC# 2008038110

04/03/2008 03:17 PM Page: 3 of 4
PLAT R:\$22.00 B: 2008C P: 0063 M. Toulouse, Bernailillo County

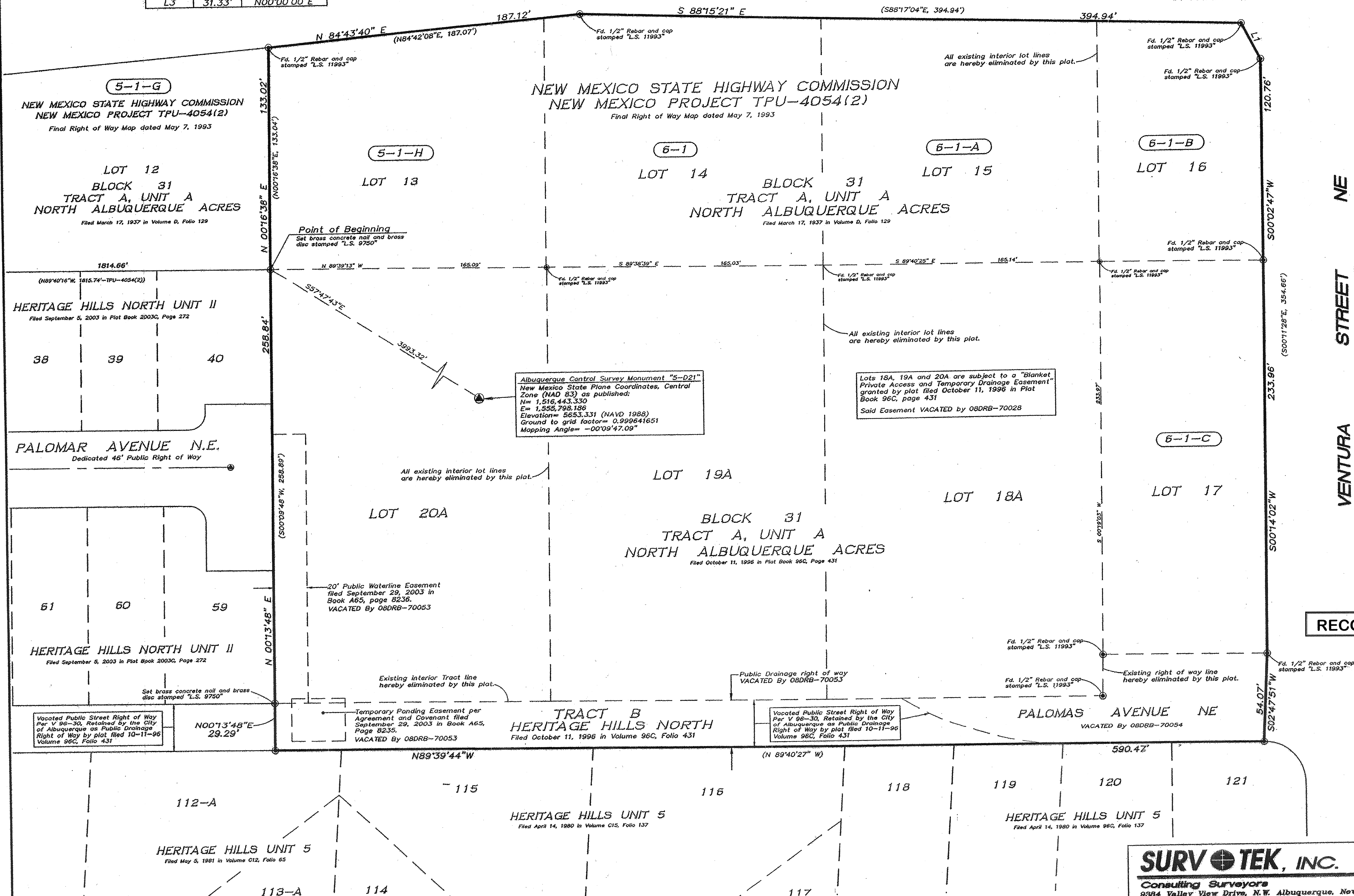
PASEO DEL NORTE
(NEW MEXICO STATE HIGHWAY PROJECT TPU-4054(2))
Variable Width Right of Way

**PLAT OF
PARCELS A, B AND C
VENTURA PLAZA**

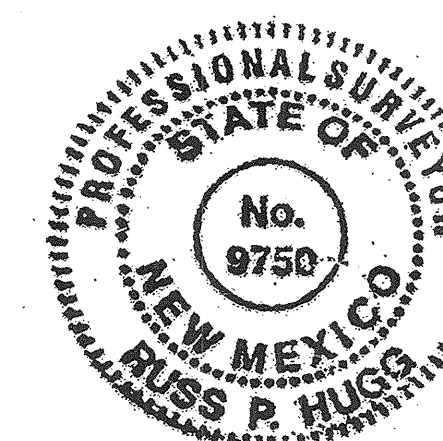
(BEING A REPLAT OF PORTIONS OF LOTS 13 THRU 17 AND ALL OF LOTS 18A,
19A AND 20A, BLOCK 31, TRACT A, UNIT A, NORTH ALBUQUERQUE ACRES; A PORTION
OF TRACT B, HERITAGE HILLS NORTH AND VACATED PORTION OF PALOMAS AVENUE N.E.)

**WITHIN
THE ELENA GALLEGOS GRANT
IN
PROJECTED SECTION 20, TOWNSHIP 11 NORTH, RANGE 4 EAST
NEW MEXICO PRINCIPAL MERIDIAN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO**

DECEMBER , 2007



RECORD DRAWING



SHEET 3 OF 4

SURV  TEK, INC.

Consulting Surveyors
9384 Valley View Drive, N.W. Albuquerque, New Mexico 87114

Phone: 505-897-3366
Fax: 505-897-3377

LINE TABLE		
LINE	LENGTH	BEARING
L1	23.91'	S28°06'31"E
L3	31.33'	N00°00'00"E
L4	20.00'	N90°00'00"E
L5	12.68'	N90°00'00"E
L6	21.19'	N00°00'00"E
L7	20.01'	N90°00'00"E
L8	21.31'	S00°00'00"W
L9	72.24'	S89°39'44"E
L10	30.03'	N02°47'51"E
L11	20.00'	N00°00'00"E
L12	10.00'	N00°00'00"W
L13	28.53'	N90°00'00"W
L14	5.27'	N00°00'00"E
L16	20.00'	N89°57'09"E

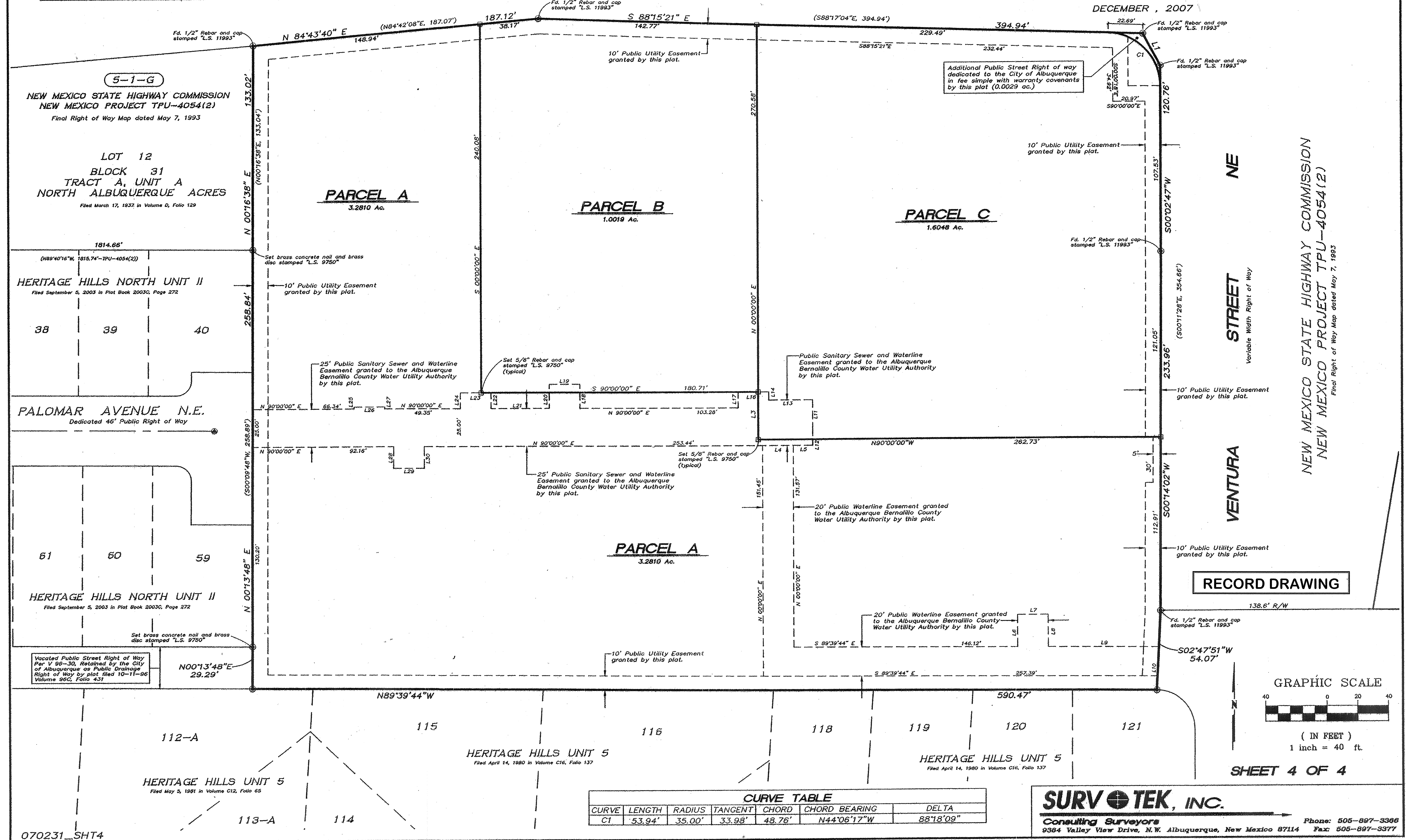
LINE TABLE		
LINE	LENGTH	BEARING
L17	10.26'	N00°00'00"E
L18	15.74'	N00°00'00"W
L19	20.00'	N90°00'00"W
L20	15.74'	S00°00'00"E
L21	38.00'	N90°00'00"W
L22	10.27'	N00°00'00"E
L23	20.00'	N90°00'00"W
L24	10.27'	S00°00'00"E
L25	1.23'	N00°00'00"E
L26	20.00'	N90°00'00"E
L27	1.23'	S00°00'00"E
L28	14.19'	S00°00'00"E
L29	20.00'	S90°00'00"E
L30	14.19'	N00°00'00"W

NOTE
Parcels A, B and C, Ventura Plaza are subject to that certain "DECLARATION OF COVENANTS, CONDITIONS, RESTRICTIONS AND CROSS EASEMENTS" filed in the office of the County Clerk of Bernalillo County, New Mexico on the 3rd day of April, 2008, as Doc. No. 2008038101

DOCH 2008038110
04/03/2008 09:17 PM Page: 4 of 4
PLAT R: \$22.00 B: 2008C P: 0063 M: Toulouse, Bernalillo County

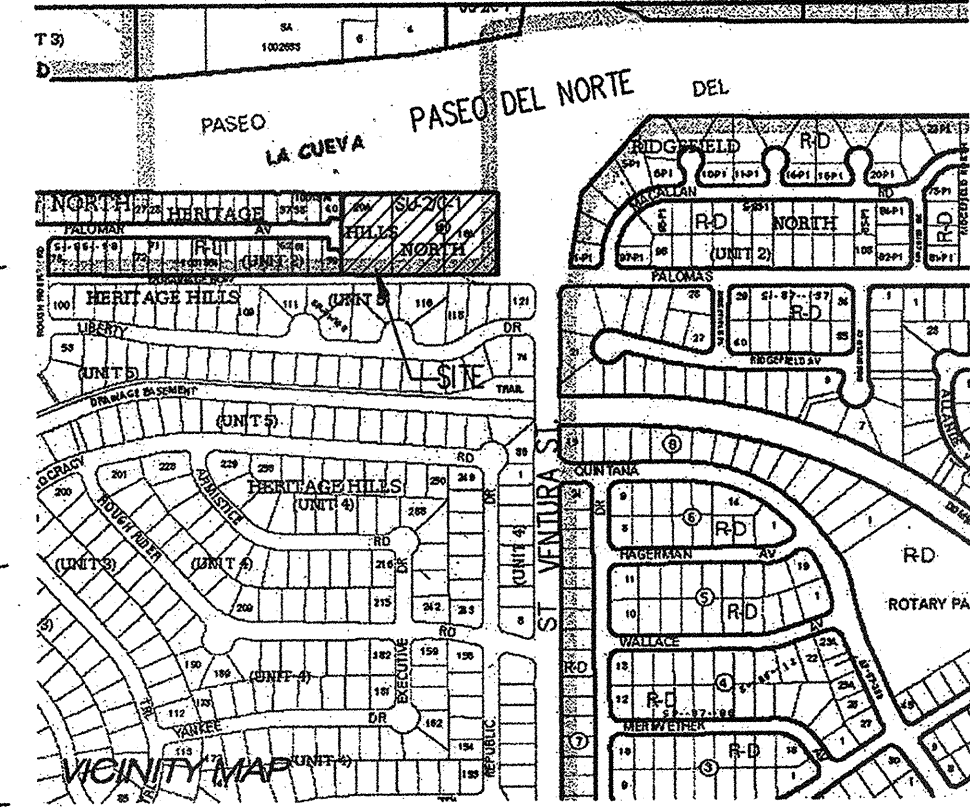
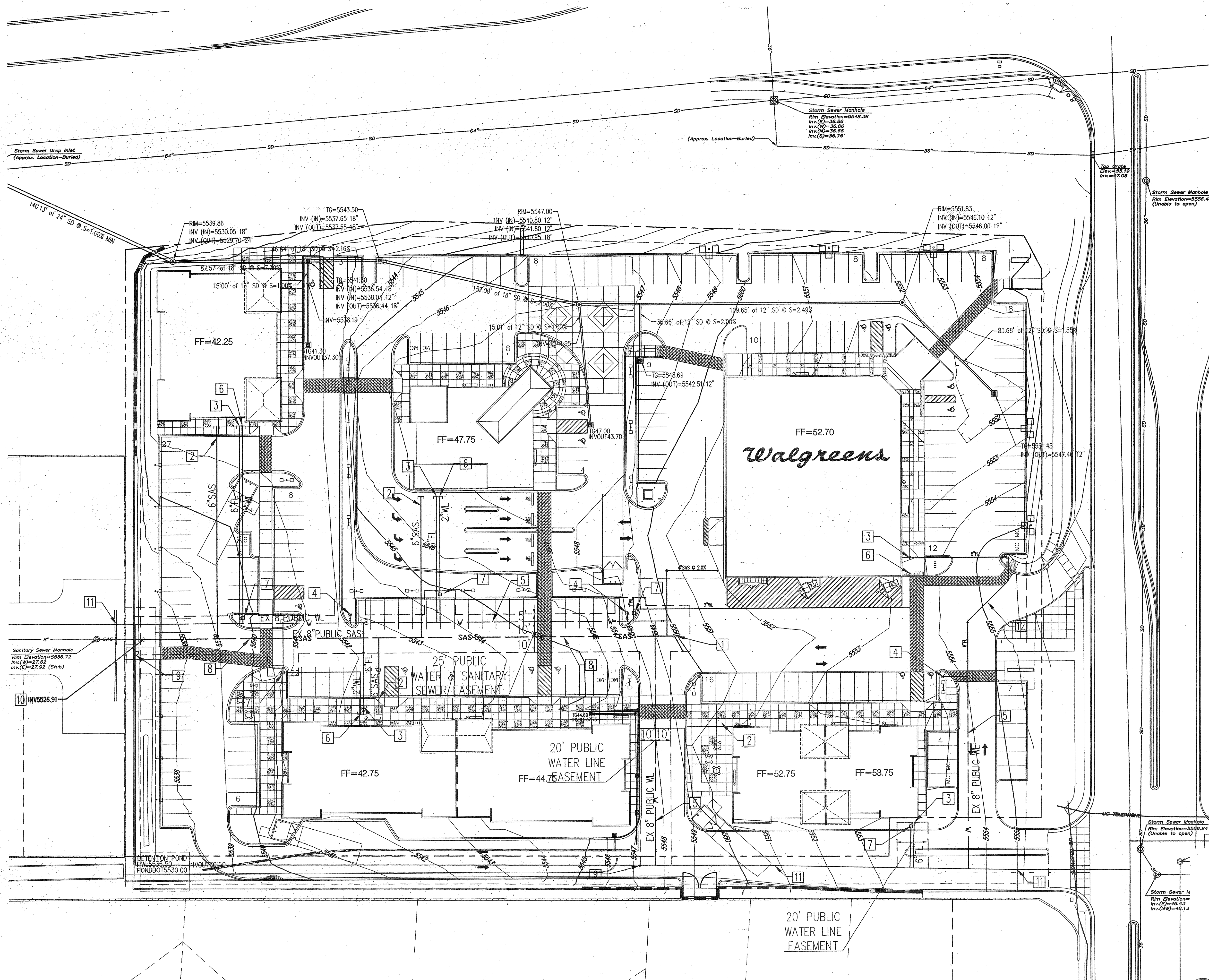
PASEO DEL NORTE
(NEW MEXICO STATE HIGHWAY PROJECT TPU-4054(2))
Variable Width Right of Way

**PLAT OF
PARCELS A, B AND C
VENTURA PLAZA**
(BEING A REPLAT OF PORTIONS OF LOTS 13 THRU 17 AND ALL OF LOTS 18A, 19A AND 20A, BLOCK 31, TRACT A, UNIT A, NORTH ALBUQUERQUE ACRES; A PORTION OF TRACT B, HERITAGE HILLS NORTH AND VACATED PORTION OF PALOMAS AVENUE N.E.)
WITHIN
THE ELENA GALLEGOS GRANT
IN
PROJECTED SECTION 20, TOWNSHIP 11 NORTH, RANGE 4 EAST
NEW MEXICO PRINCIPAL MERIDIAN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
DECEMBER, 2007



CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	CHORD BEARING	DELTA
C1	53.94'	35.00'	33.98'	48.76'	N44°06'17"W	88°18'09"

SURVOTEK, INC.
Consulting Surveyors
9384 Valley View Drive, N.W. Albuquerque, New Mexico 87114
Phone: 505-897-3396
Fax: 505-897-3377



ALTA/AC.S.M. LAND TITLE SURVEY OF
PORTIONS OF LOTS 13, 14, 15, 16 AND 17
AND ALL OF LOTS 18A, 19A AND 20A
BLOCK 31
TRACT A, UNIT A
NORTH ALBUQUERQUE ACRES
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
SEPTEMBER, 2006

BENCHMARK:
ALUMINUM DISC STAMPED "7-C19" GEOGRAPHIC POSITION (NAD 83)
N.M. STATE PLANE COORDINATES (CENTRAL ZONE)
N=1522068.520 E=1550417.138
GROUND TO GRID = 0.99650745 DELTA ALPHA = 0°10'25"
NAVD 1988 ELEVATION = 5485.736

ELEVATIONS ARE IN NAVD 88

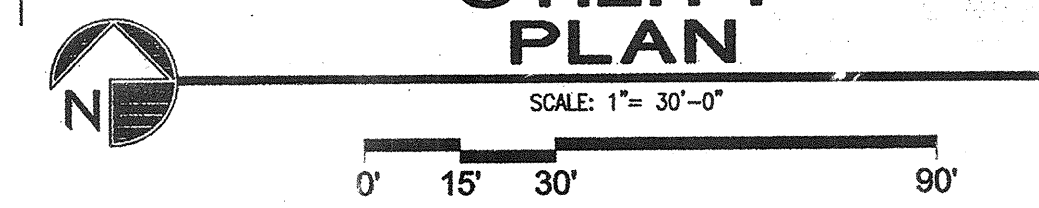
- UTILITY KEYED NOTES
1. SAS MANHOLE
 2. 6" SAS SERVICE
 3. 6" FIRE SPRINKLER SERVICE LINE
 4. 6" FIRE SERVICE LINE & HYDRANT
 5. EX 8" PUBLIC WATERLINE
 6. DOMESTIC WATER SERVICE LINE
 7. WATER METER BOX
 8. EX 8" PUBLIC SANITARY SEWER
 9. ABANDON WATER LINE
 10. CONNECT TO EXISTING SAS STUBOUT
 11. EXISTING PUBLIC WATERLINE TO REMAIN
 12. PRIVATE FIRE LINE

RECORD DRAWING

- LEGEND
- PROPERTY LINE
 - SAS EX SANITARY SEWER & MANHOLE
 - EX STORM DRAIN & MANHOLE
 - EX WATER LINE
 - RELOCATED PUBLIC FIRE HYDRANT
 - EX FIRE HYDRANT
 - PRIVATE FIRE HYDRANT
 - PROPOSED CLEANOUT
 - PROPOSED SANITARY SEWER MANHOLE
 - 8" SAS PROPOSED SANITARY SEWER
 - 2" WL PROPOSED WATERLINE
 - 6" FL PROPOSED FIRELINE
 - WATER METER VAULT

Bohannon & Huston
 Courtyard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335
 ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES

CONCEPTUAL UTILITY PLAN

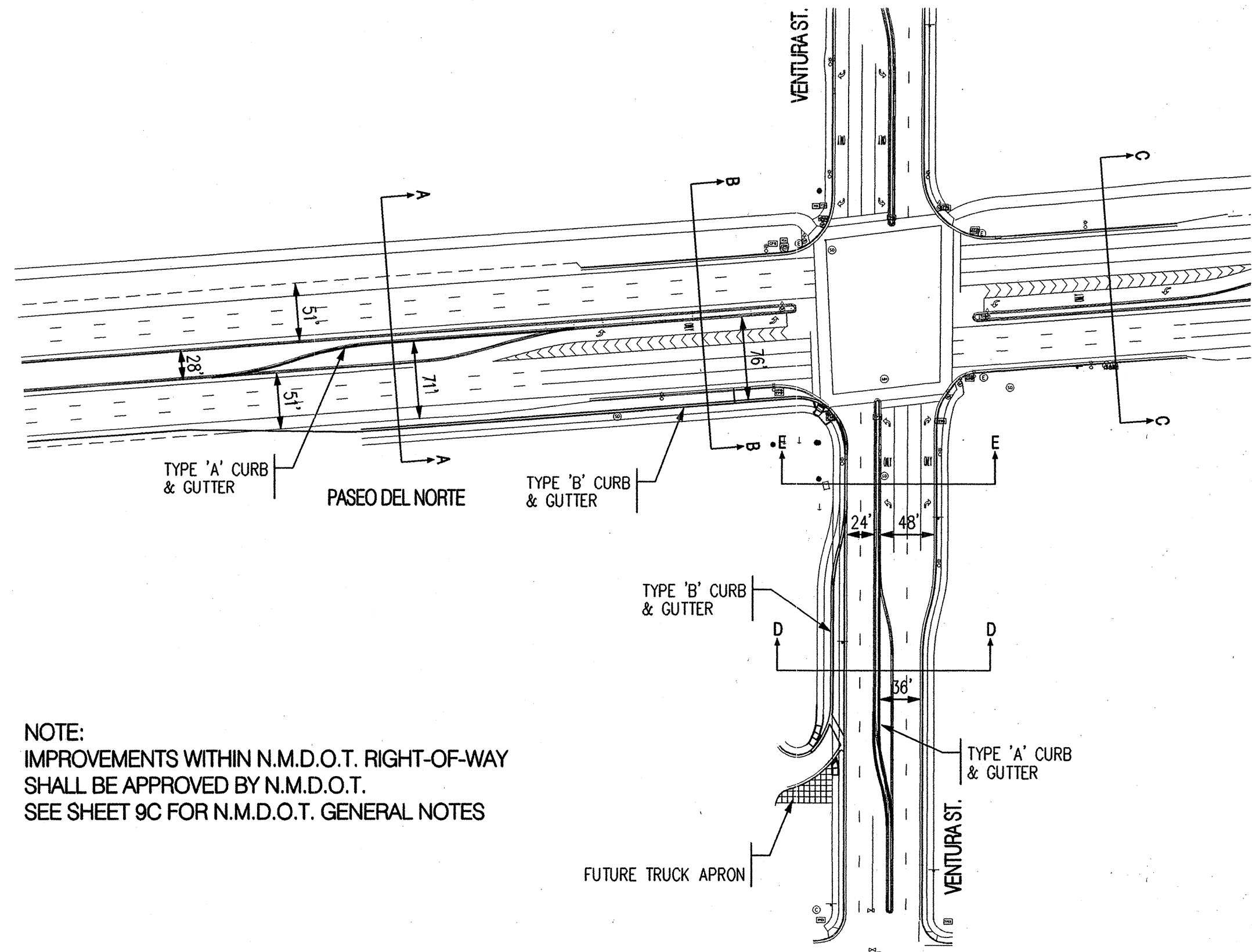


REV	DATE	BY	REVISION
1			
2			
3			
4			
5			
6			

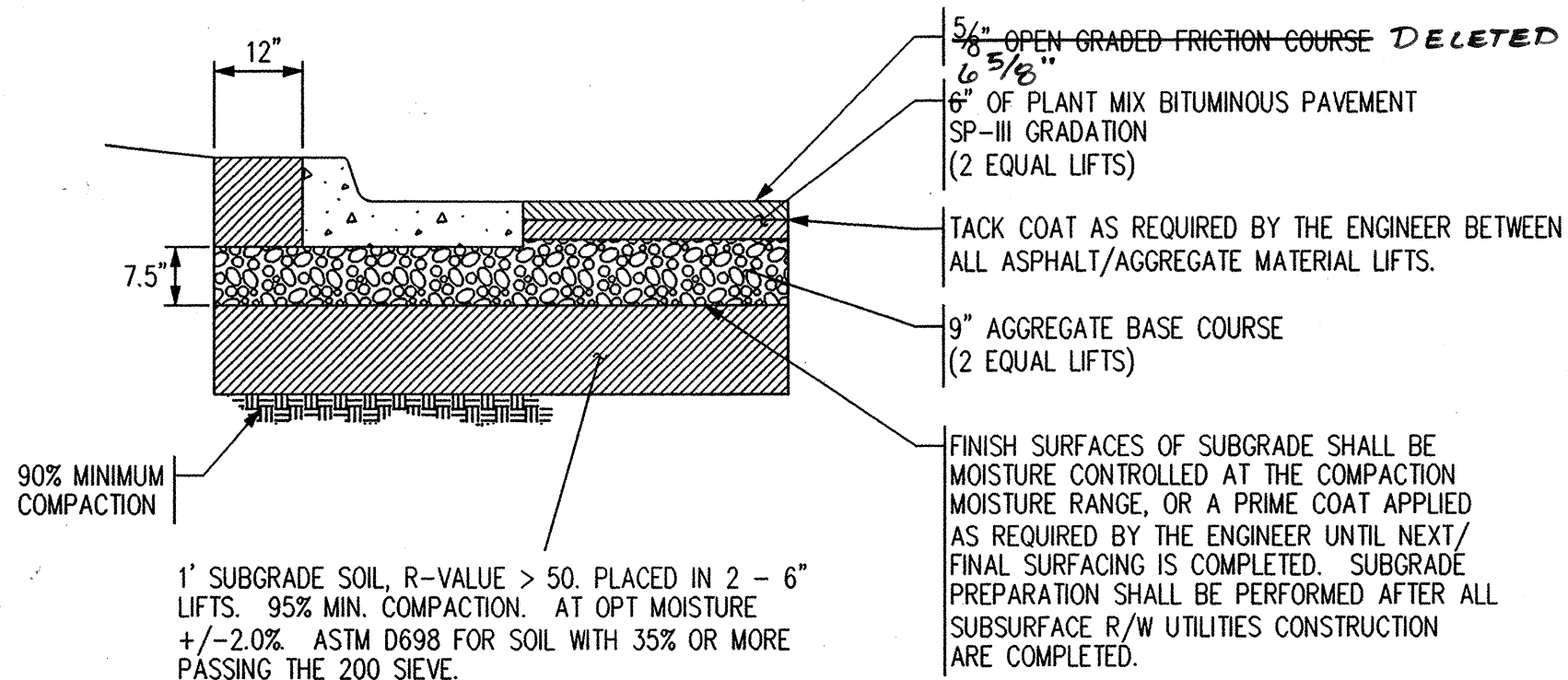
GEORGE RAINHART, ARCHITECT AND ASSOCIATES P.C.
 2325 SAN PEDRO NE, SUITE 2-B
 ALBUQUERQUE, NEW MEXICO 87110
 PHONE (505) 884-9110 FAX (505) 837-9877

FOR
INFORMATION
ONLY

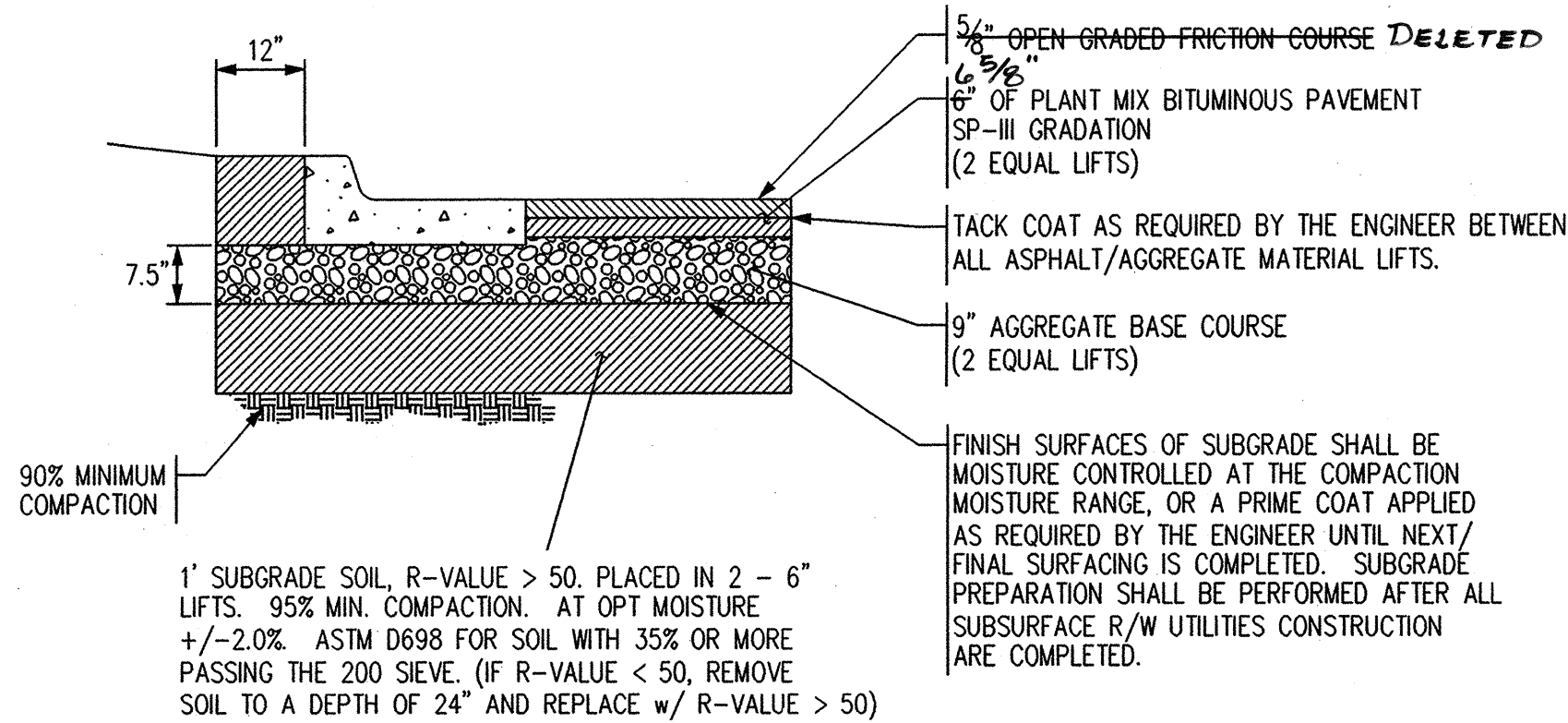
PROJECT TITLE PASEO DEL NORTE & VENTURA	DRAWN BY JDS
PROJECT MANAGER PASEO DEL NORTE AND VENTURA ALBUQUERQUE, NM	JOB NO.
SHEET TITLE CONCEPTUAL UTILITY PLAN	DATE 05.30.08
	SCALE AS NOTED
	SHEET C200
	OF



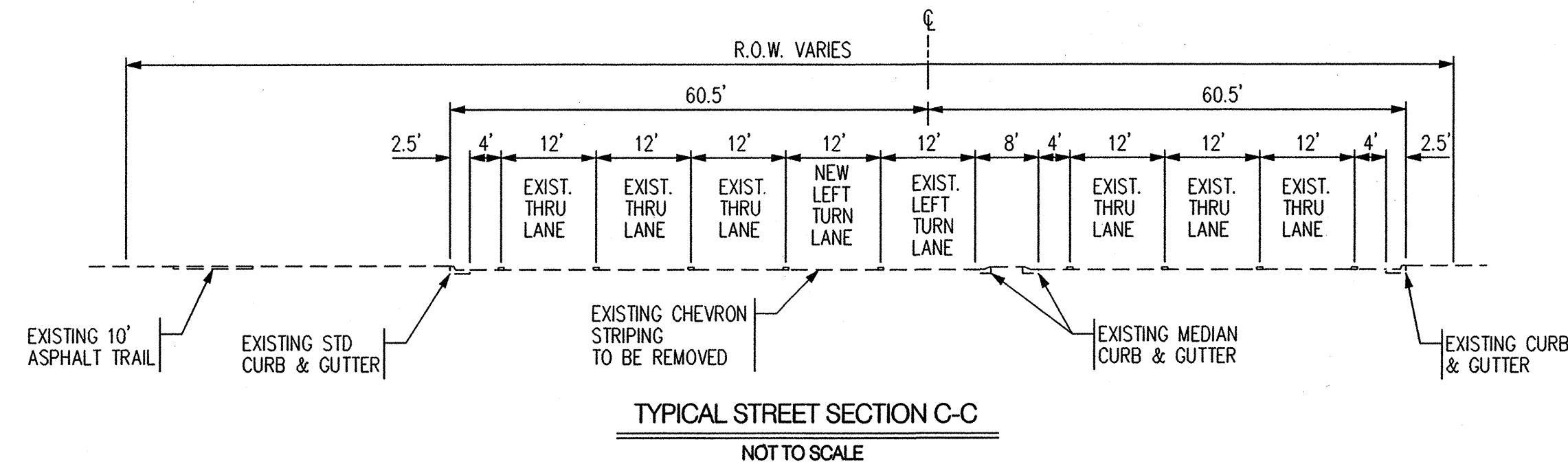
NOTE:
IMPROVEMENTS WITHIN N.M.D.O.T. RIGHT-OF-WAY
SHALL BE APPROVED BY N.M.D.O.T.
SEE SHEET 9C FOR N.M.D.O.T. GENERAL NOTES



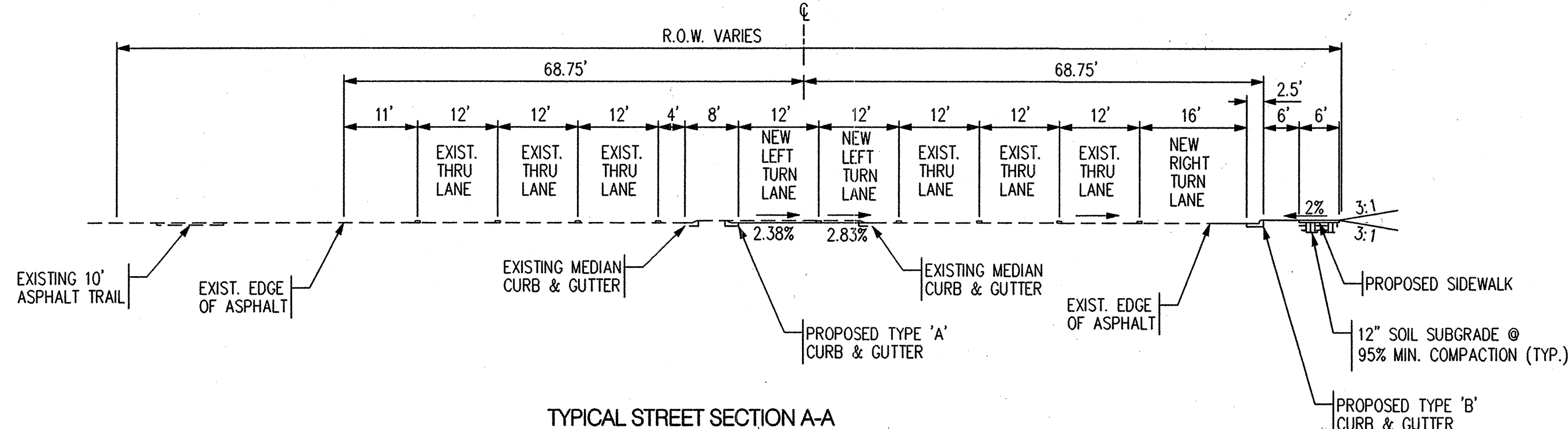
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PASEO DEL NORTE
N.M. PROJECT NO. TPU-4054(2)
NOT TO SCALE



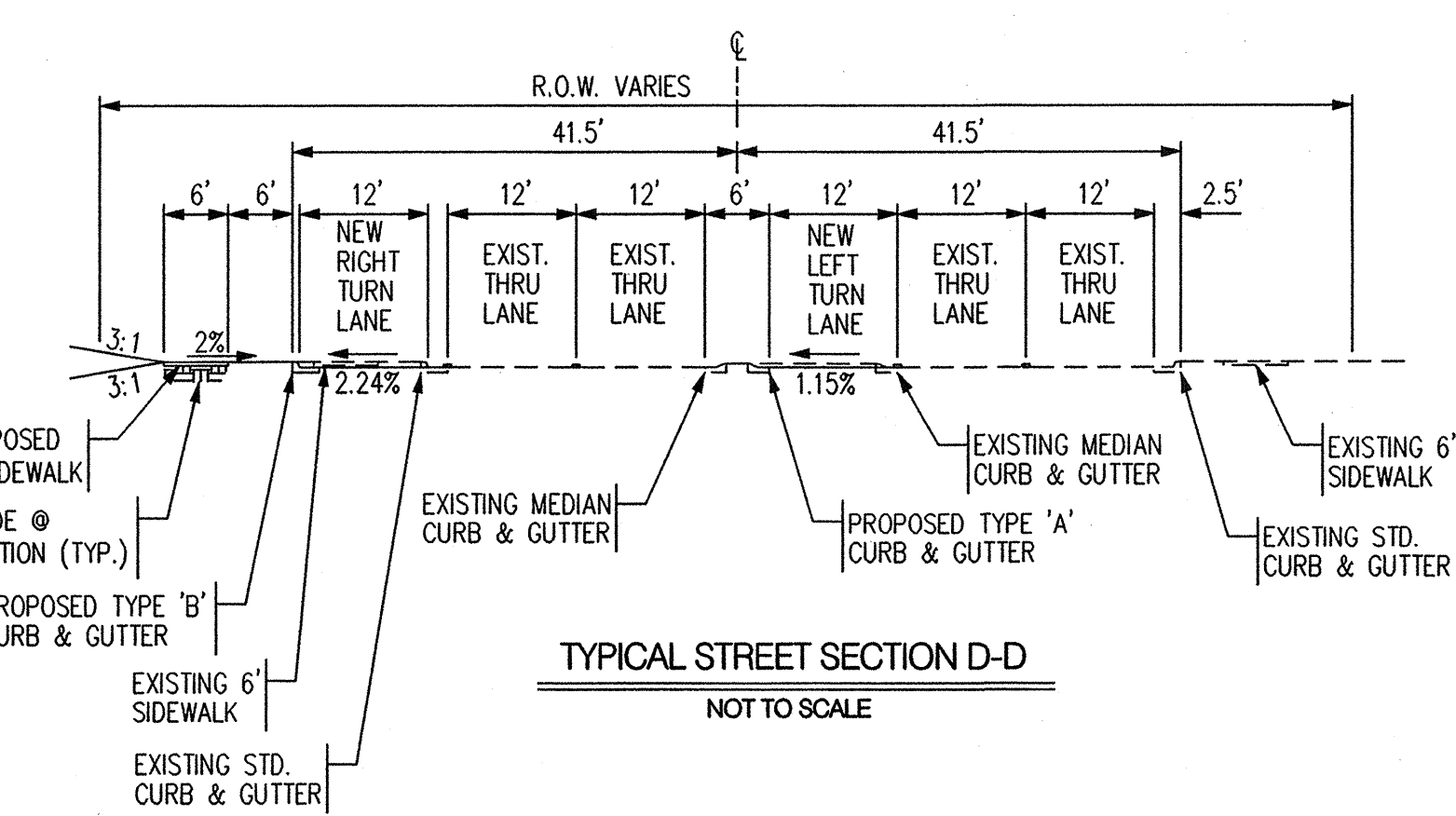
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VENTURA STREET
N.M. PROJECT NO. TPU-4054(2)
NOT TO SCALE



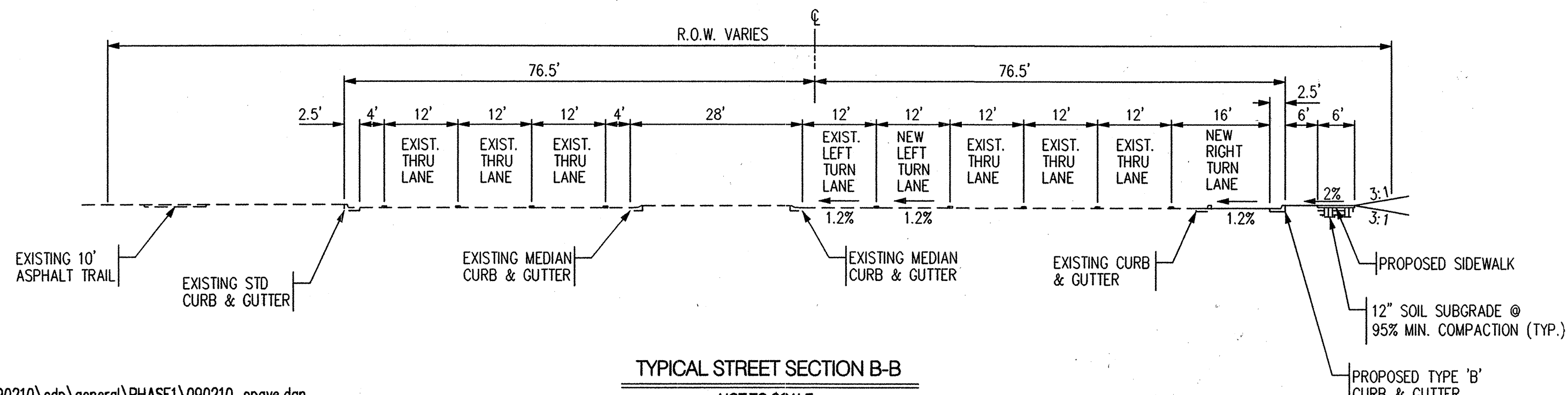
TYPICAL STREET SECTION C-C
NOT TO SCALE



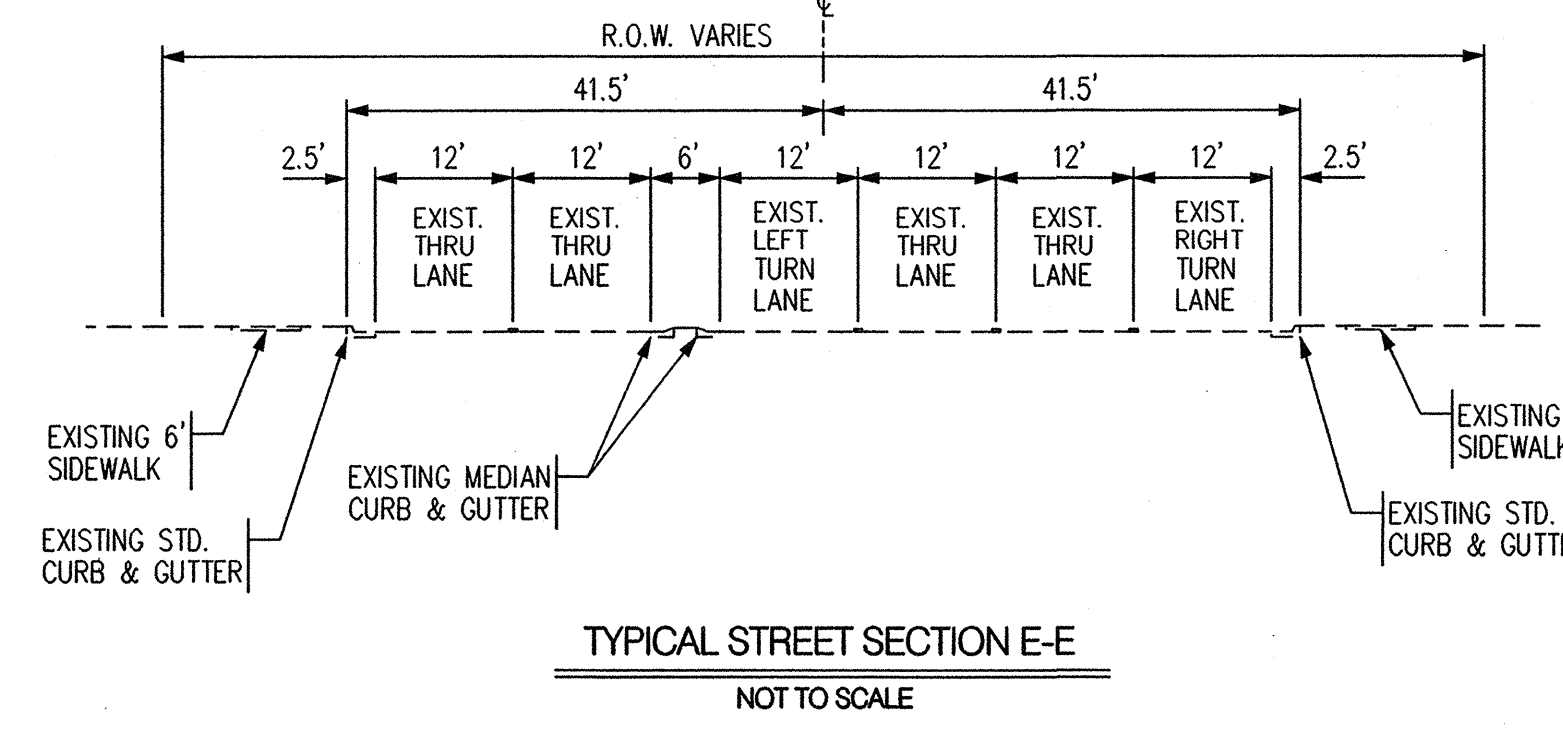
TYPICAL STREET SECTION A-A
NOT TO SCALE



TYPICAL STREET SECTION D-D
NOT TO SCALE

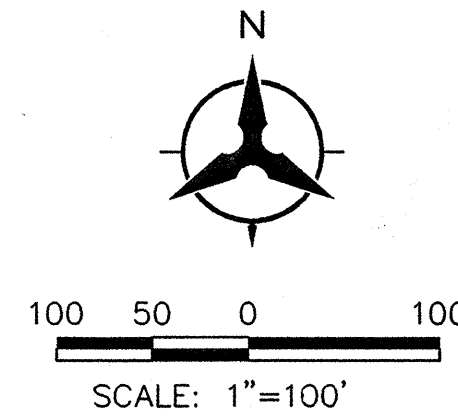


TYPICAL STREET SECTION B-B
NOT TO SCALE



TYPICAL STREET SECTION E-E
NOT TO SCALE

RECORD DRAWING



Bohannon & Huston
Courtney I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

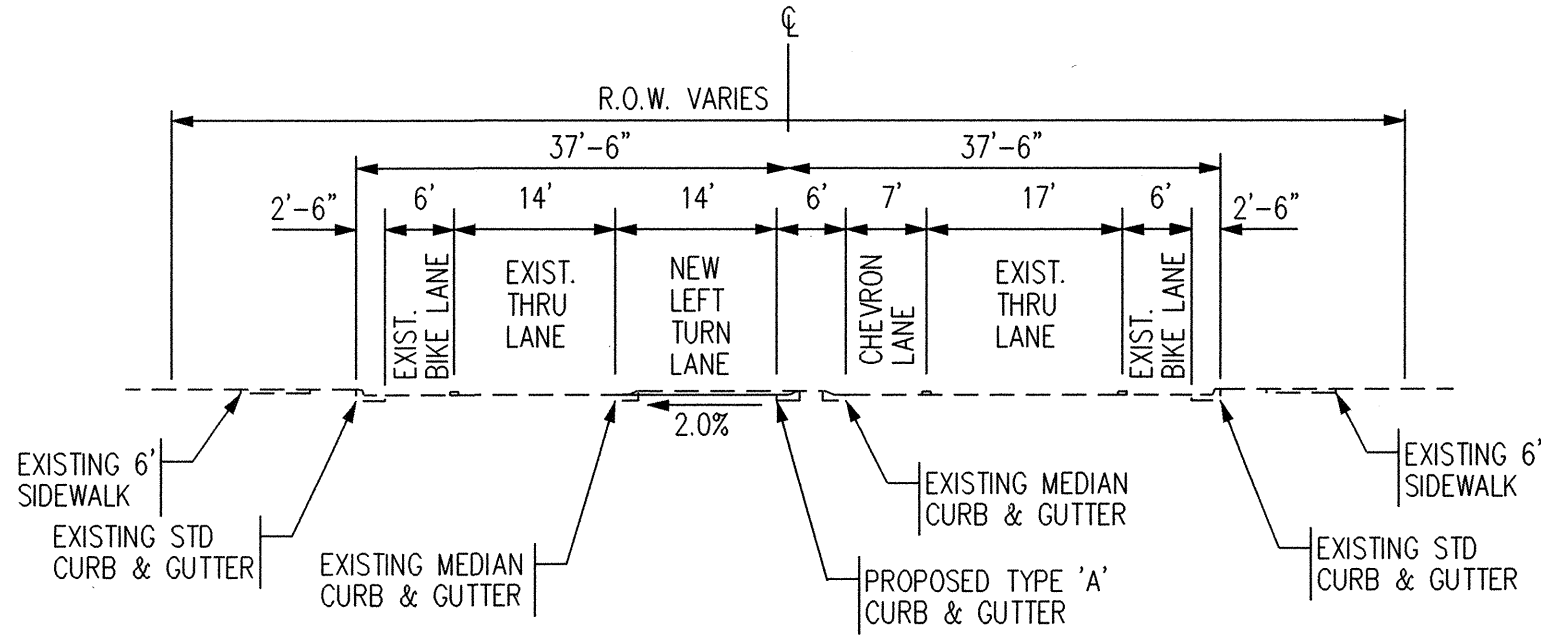
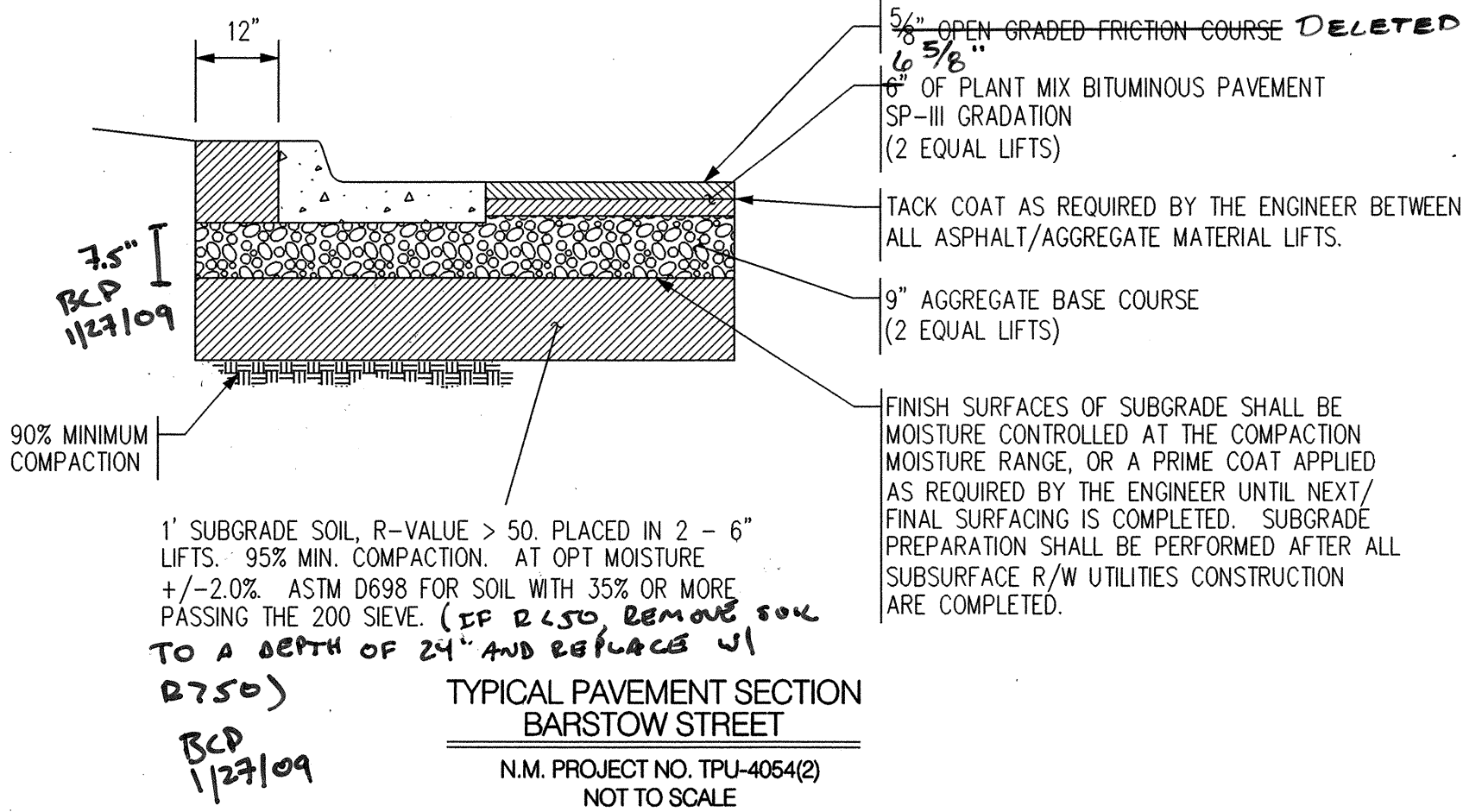
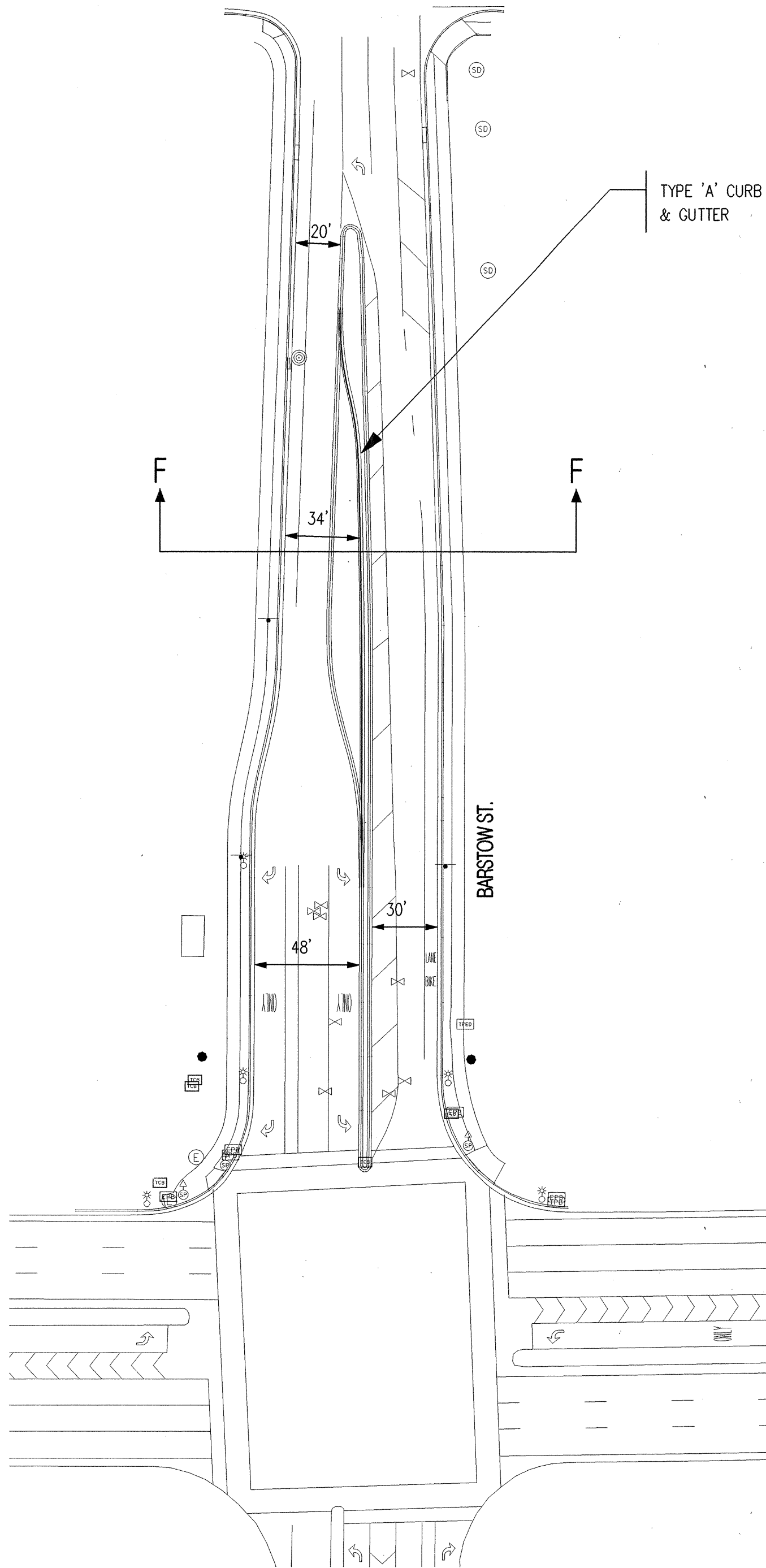
CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT
PASEO DEL NORTE & VENTURA STREET DEVELOPMENT
OFFSITE IMPROVEMENTS PHASE I
OVERALL PAVING PLAN

DESIGN REVIEW COMMITTEE
APPROVED
FEB 20 2009
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVED
APR 10 2009
CITY ENGINEER

MO./DAY/YR.
LAST DESIGN UPDATE

QTY PROJECT NO. 719982 ZONE MAP NO. P-20-Z SHEET 5A OF 13



TYPICAL STREET SECTION F-F
NOT TO SCALE

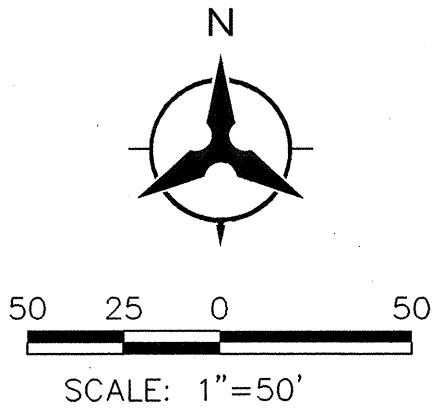
		1'-6"	2'-0"	2'-6"
6" CURB AND GUTTER	CROSS SECTION AREA, SQ. FT.	0.961	1.211	1.461
	CU. YD. VOLUME PER 100 LIN. FT.	3.559	4.485	5.411
8" CURB AND GUTTER	CROSS SECTION AREA, SQ. FT.	1.211	1.544	1.879
	CU. YD. VOLUME PER 100 LIN. FT.	4.485	5.719	6.955

CONCRETE MOUNTABLE CURB
AND GUTTER TYPE "A"

		2'-0"	2'-6"
6" CURB AND GUTTER	CROSS SECTION AREA, SQ. FT.	1.294	1.544
	CU. YD. VOLUME PER 100 LIN. FT.	4.791	5.717
8" CURB AND GUTTER	CROSS SECTION AREA, SQ. FT.	1.627	1.960
	CU. YD. VOLUME PER 100 LIN. FT.	6.026	7.261

CONCRETE BARRIER CURB
AND GUTTER TYPE "B"

RECORD DRAWING



Bohannon & Huston
Court yard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

PASEO DEL NORTE & VENTURA STREET DEVELOPMENT
OFFSITE IMPROVEMENTS PHASE I
OVERALL PAVING PLAN

DESIGN REVIEW COMMITTEE
APPROVED
FEB 20 2009
DESIGN REVIEW COMMITTEE

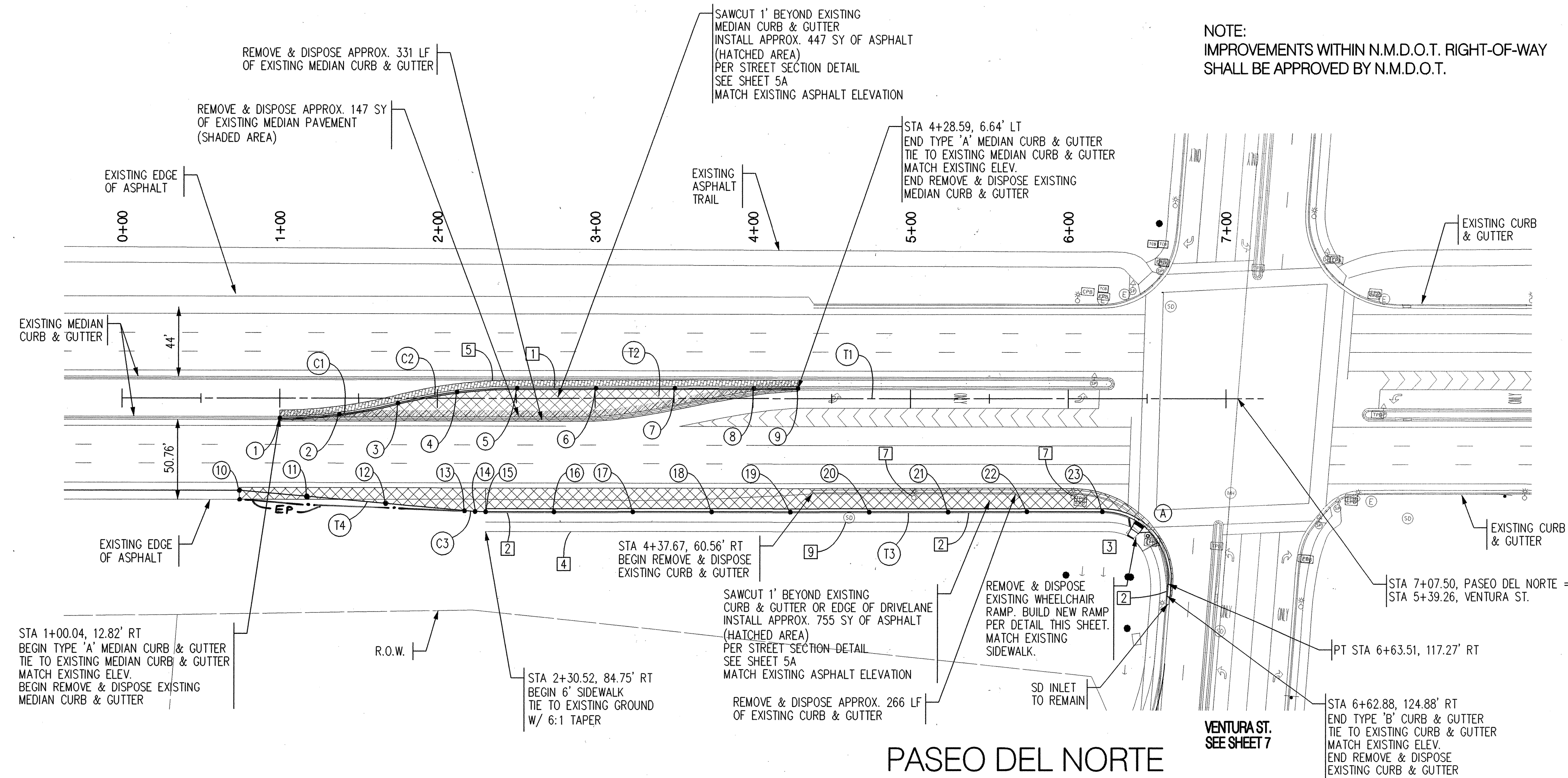
CITY ENGINEER APPROVAL
APPROVED
APR 10 2009
CITY ENGINEER

DESIGNED BY YPM / BCP	DATE 09/2008	CHECKED BY YPM	DATE 09/2008
DRAWN BY ARR / SAR	DATE 09/2008		

CITY PROJECT NO. 719982	ZONE MAP NO. D-20-Z	SHEET 5B	OF 13
----------------------------	------------------------	-------------	----------

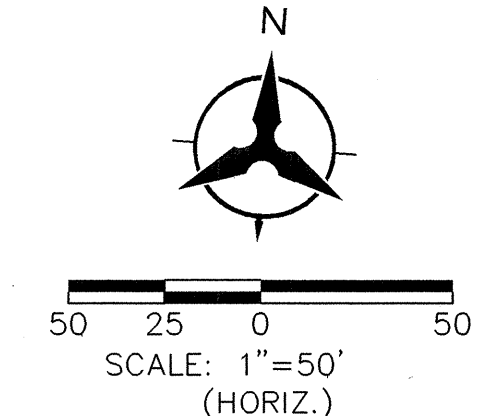
SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	ALUMINUM DISC STAMPED "7.019"	CONTRACTOR C.C.M.	WORK STARTED BY C.S.C.	DATE 6/09
	BY	GEOREPHIC POSITION (NAD 83)	ACCEPTANCE BY B.H.I.	ACCEPTANCE BY B.H.I.	DATE 6/09
		N.M. STATE PLANE COORDINATES	FIELD VERIFICATION BY B.H.I.	FIELD VERIFICATION BY B.H.I.	DATE 6/09
		(CENTRAL ZONE)	REVISIONS	REVISIONS	
		N=1522068.520 E=1550417.138			
		GROUND TO GRID = 0.999650745			
		DELTA ALPHA = 0010'25"			
		NAD 1988 ELEVATION = 5485.736			





NOTE:
IMPROVEMENTS WITHIN N.M.D.O.T. RIGHT-OF-WAY
SHALL BE APPROVED BY N.M.D.O.T.

NOTE:
SEE TRAFFIC SIGNAL PLANS
(SHEET 11) FOR TRAFFIC
EQUIPMENT REMOVALS AND
RELOCATIONS WITHIN INTERSECTION



(A) FLOWLINE DATA FOR CURB RETURN

PC	53.28	D = 94'46"50"
1	53.83	R = 42.00'
2	54.37	T = 45.66'
3	54.77	L = 69.48'
PT	55.16	C = 61.82'
PI	54.65	

PC STA. 6+21.63, 71.80' RT.
PT STA. 6+63.51, 117.27' RT.
PI STA. 6+67.29, 71.77' RT.
RAD STA. 6+21.66, 113.80' RT.

CL Tangent Table

ID	BEARING	LENGTH
T1	N85°40'57"E	723.75'

CURB Tangent Table

ID	BEARING	LENGTH
T3	S85°38'30"W	400.00'
T4	S89°13'52"E	143.28'

CURB Curve Table

ID	ARC	RADIUS	DELTA	TANGENT
C3	13.43'	150.00'	5°07'38"	6.72'

CURB Point Table

STATION	OFFSET	ELEVATION	REMARKS
10	0+74.39	58.78' RT	MATCH EX. 5534.45
11	1+17.12	62.59' RT	5535.84
12	1+67.12	67.04' RT	5537.24
13	2+17.11	71.49' RT	5538.44
14	2+23.81	71.93' RT	5538.58
15	2+30.52	72.08' RT	5538.78
16	2+73.80	72.08' RT	5540.24
17	3+23.80	72.08' RT	5542.67
18	3+73.80	72.08' RT	5544.33
19	4+23.80	72.08' RT	5546.50
20	4+73.80	72.08' RT	5548.69
21	5+23.80	72.08' RT	5550.77
22	5+73.80	71.83' RT	5551.74
23	6+21.63	71.80' RT	5553.28

* BEGIN TYPE 'B' CURB & GUTTER

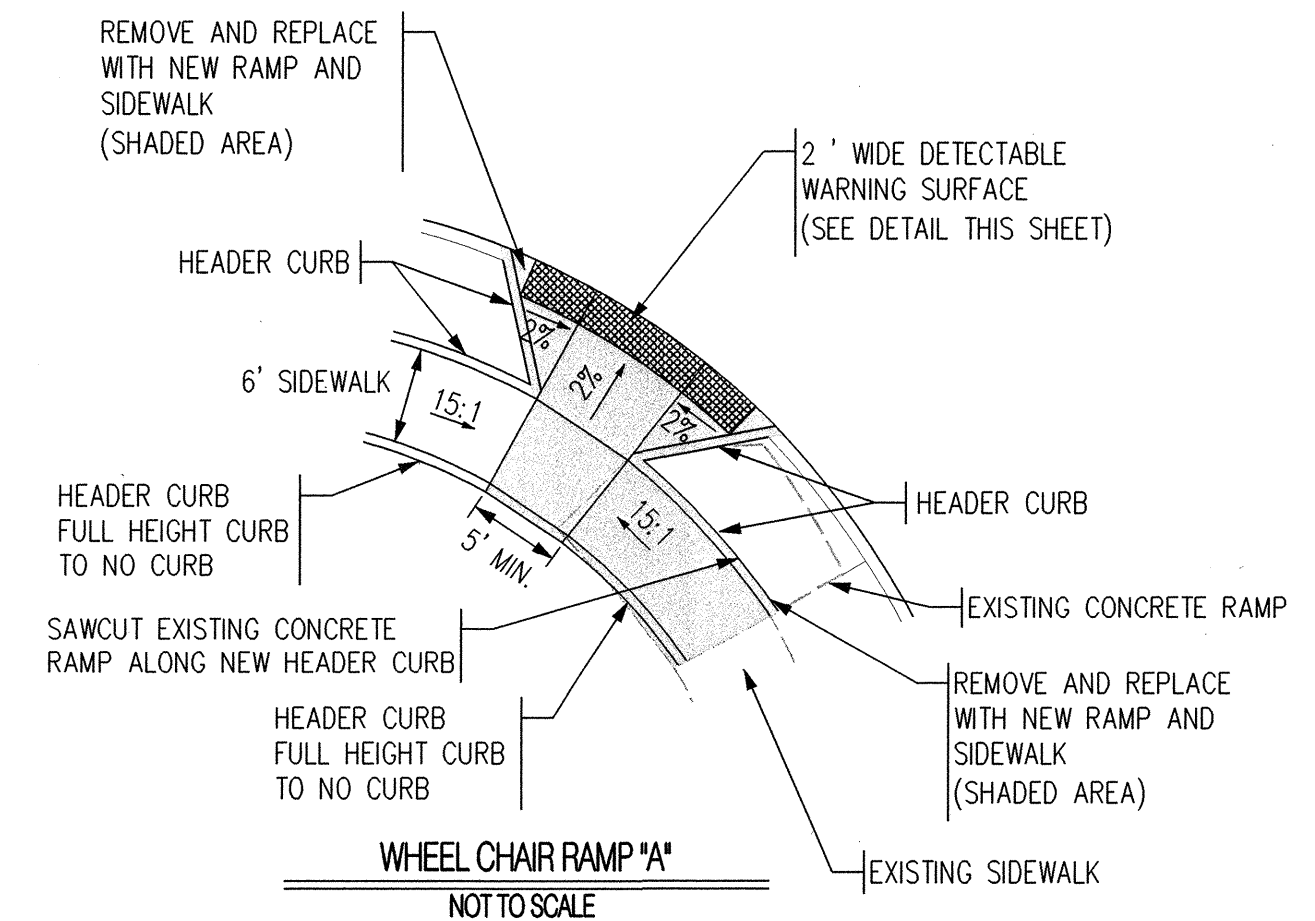
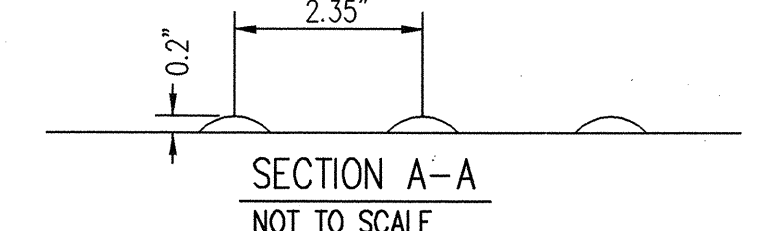
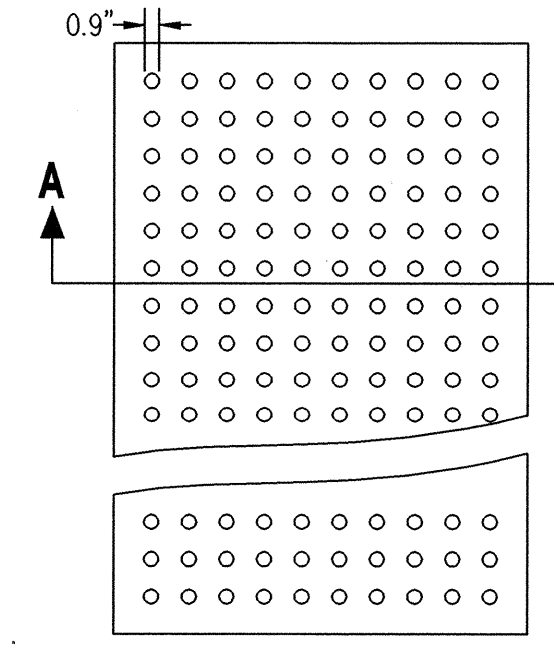
MEDIAN Curve Table

ID	ARC	RADIUS	DELTA	TANGENT
C1	75.71'	300.00'	14°27'35"	38.06'
C2	76.37'	300.00'	14°35'10"	38.39'

MEDIAN Point Table

STATION	OFFSET	ELEVATION	REMARKS
1	1+00.04	12.82' RT	MATCH EX. 5534.39
2	1+37.78	10.38' RT	5537.63
3	1+74.92	3.16' RT	5538.77
4	2+12.38	4.10' LT	5539.92
5	2+50.46	6.55' LT	5541.06
6	3+00.46	6.58' LT	5542.69
7	3+50.46	6.60' LT	5544.15
8	4+00.46	6.63' LT	5545.68
9	4+28.59	6.64' LT	MATCH EX. 5546.39

- DETECTABLE WARNING SURFACE NOTES:
- DESIGN PER ADA GUIDELINES.
 - SUBMIT SPECIFICATIONS TO CONST. ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
 - THE DETECTABLE WARNING SURFACE SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A NOMINAL DIAMETER OF 23mm (0.9"), A NOMINAL HEIGHT OF 5mm (0.2"), AND A NOMINAL CENTER TO CENTER SPACING OF 60mm (2.35"). THE SURFACE SHALL BE FIBERGLASS PANELS (PROCESS TO BE COORDINATED WITH AND FIELD APPROVED WITH CITY PRIOR TO INSTALLATION).
 - THE DETECTABLE WARNING SURFACE SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE INTEGRAL PART OF THE WALKING SURFACE. PROVIDE 70/30 CONTRAST PER ADA.
 - CONTRACTOR SHALL COORDINATE THE EXACT CONTRAST OF DETECTABLE WARNING SURFACE W/ OWNER.



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADI! SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EWS AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415A (SAWCUT ONLY).
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- 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 APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

KEYED NOTES

- TYPE 'A' CURB & GUTTER PER NMDOT STD. DWG. 609-01, SEE SHEET 5B
- TYPE 'B' CURB & GUTTER PER NMDOT STD. DWG. 609-01, SEE SHEET 5B
- BUILD WHEELCHAIR RAMP PER DETAIL THIS SHEET.
- BUILD 6' SIDEWALK PER NMDOT STD. DWG. 608-01
- BUILD 4" TEXTURED MEDIAN PAVEMENT TO LIMITS SHOWN ON PLANS. MATCH EXISTING COLOR AND PATTERN.
- PER C.O.A. STD. DWG. 2408 & 2502
- REMOVE AND RELOCATE EXISTING SIGN TO SAME LOCATION OUTSIDE OF NEW PAVEMENT LIMITS.
- REMOVE AND RELOCATE EXISTING STREET LIGHT TO SAME LOCATION OUTSIDE OF NEW PAVEMENT LIMITS. DISPOSE EXISTING FOUNDATION. PER NMDOT STD. DWG. 7076-07-1/1
- REMOVE AND RELOCATE PULL BOX PER TRAFFIC SIGNAL PLANS
- ADJUST MANHOLE TO GRADE
- BUILD 6' CONCRETE VALLEY GUTTER PER C.O.A. STD. DWG. 2420

RECORD DRAWING

Bohannon & Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE

DEPARTMENT OF MUNICIPAL DEVELOPMENT

PASEO DEL NORTE & VENTURA STREET DEVELOPMENT

OFF-SITE IMPROVEMENTS PHASE I

PAVING PLAN - PASEO DEL NORTE

DESIGN REVIEW COMMITTEE

APPROVE

FEB 20 2009

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

APPROVE

APR 10 2009

CITY ENGINEER

MO./DAY/YR.

MO./DAY/YR.

LAST DESIGN UPDATE

CITY PROJECT NO.

719982

ZONE MAP NO.

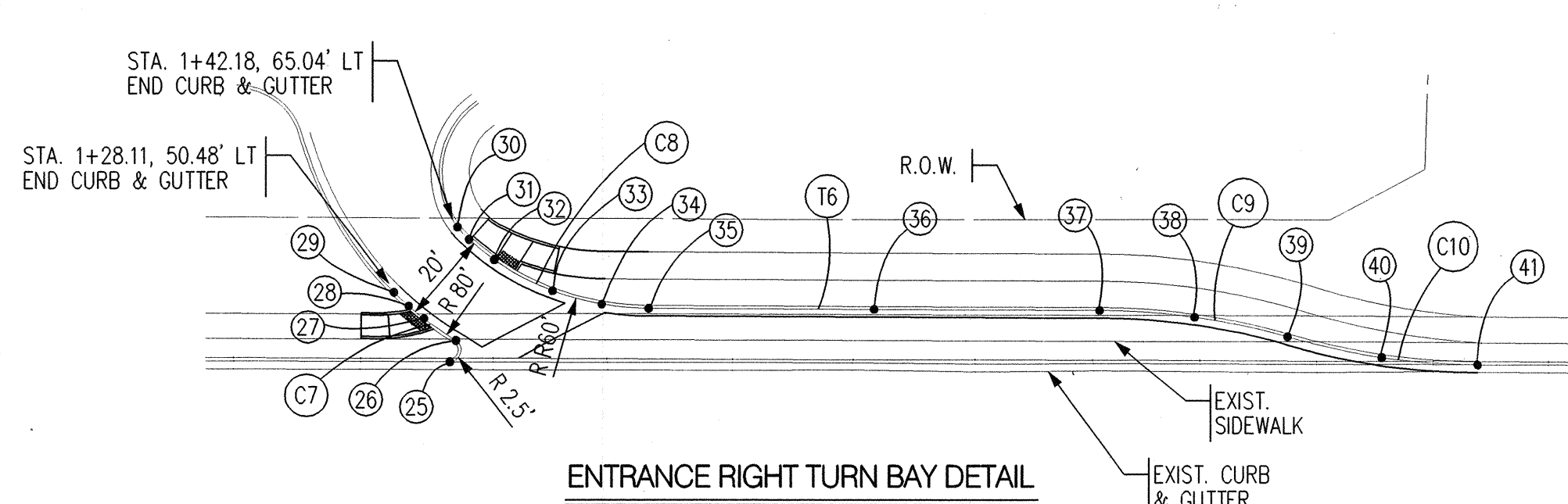
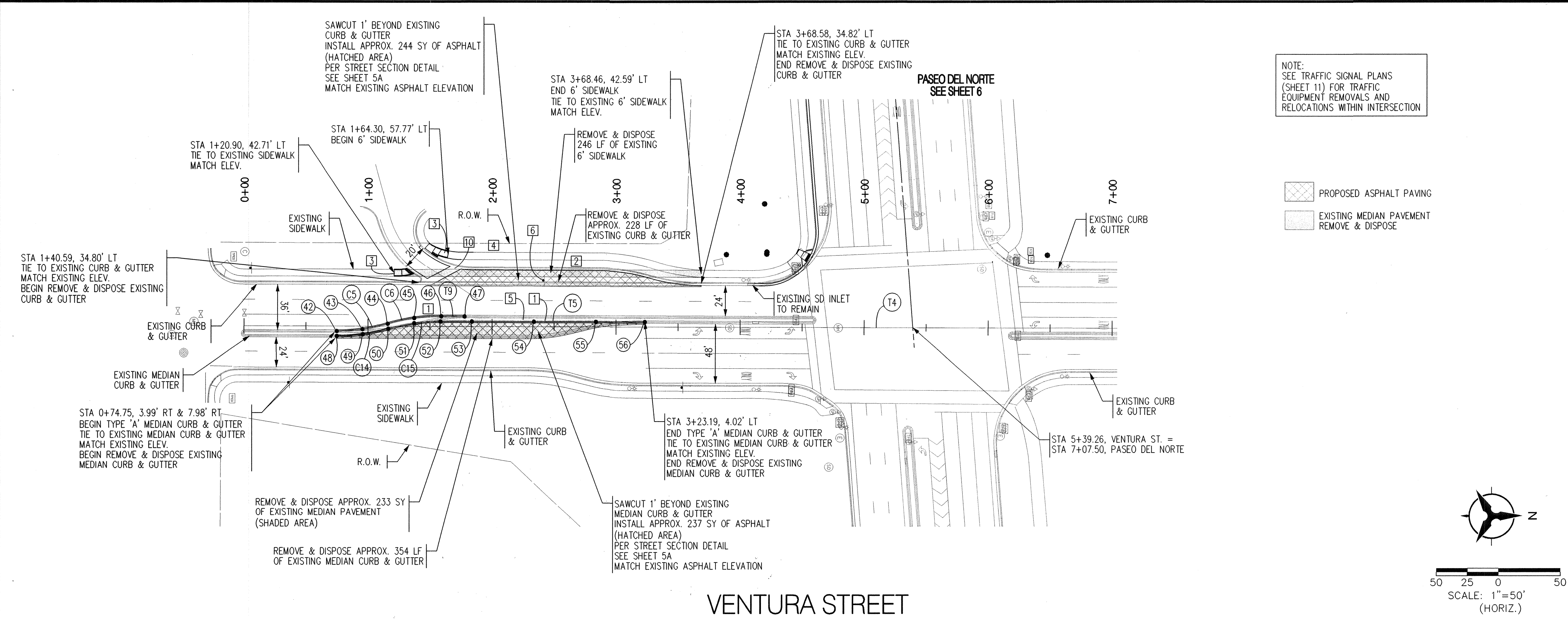
D-20-Z

SHEET

6

OF

13



MEDIAN Point Table			ELEVATION	STATION
STATION	OFFSET	TYPE		
42	0+74.75	3.99' RT	5557.55	42
43	0+95.50	2.37' RT	5557.82	43
44	1+15.83	2.11' LT	5557.82	44
45	1+37.17	6.73' LT	5557.84	45
46	1+58.95	8.21' LT	5557.81	46
47	1+77.77	8.11' LT	5557.78	47
48	0+74.76	7.98' RT	5557.52	48
49	0+95.77	6.45' RT	5557.82	49
50	1+16.35	1.99' RT	5557.97	50
51	1+37.12	2.50' LT	5557.98	51
52	1+58.31	4.00' LT	5557.98	52
53	1+83.63	4.01' LT	5557.98	53
54	2+33.63	4.01' LT	5557.70	54
55	2+83.63	4.02' LT	5557.70	55
56	3+23.19	4.02' LT	5556.65	56

MEDIAN Curve Table			DELTA	TANGENT
ID	ARC	RADIUS		
C5	41.66'	150.00'	15°54'47"	20.96'
C6	43.71'	150.00'	16°41'44"	22.01'
C14	42.15'	150.00'	16°06'12"	21.22'
C15	42.52'	150.00'	16°14'31"	21.40'

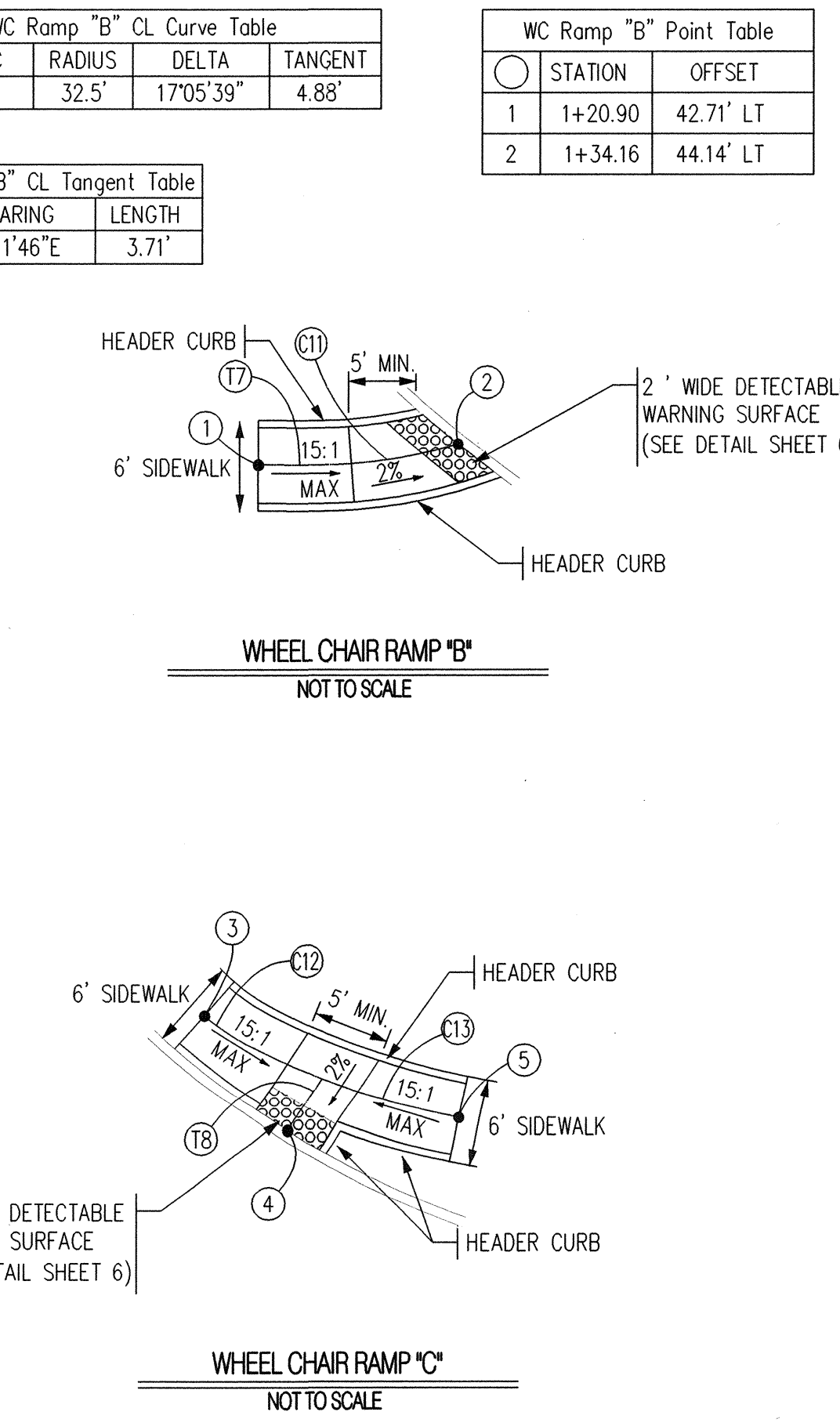
MEDIAN Tangent Table			LENGTH	BEARING
ID	BEARING	LENGTH		
T5	S00°09'43"W	164.88'		
T9	S00°27'49"W	18.81'		

CURB Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C7	13.18'	80.00'	09°26'12"	6.60'
C8	43.67'	60.00'	41°42'02"	22.85'
C9	42.30'	150.00'	16°09'21"	21.29'
C10	42.77'	150.00'	16°20'16"	21.53'

CURB Tangent Table			
ID	BEARING	LENGTH	
T6	N00°16'04"E	100.00'	

CL Tangent Table			
ID	BEARING	LENGTH	
T4	N00°10'07"E	982.86'	

CURB Point Table			
○	STATION	OFFSET	ELEVATION
25	1+40.59	34.80' LT	MATCH EX.
26	1+41.93	39.41' LT	5557.23
27	1+34.79	44.50' LT	5557.49
28	1+31.43	47.34' LT	5557.44
29	1+28.11	50.48' LT	5557.46
30	1+42.18	65.04' LT	5556.93
31	1+44.76	62.25' LT	5557.00
32	1+50.36	57.82' LT	5557.40
33	1+63.30	50.95' LT	5556.98
34	1+74.23	47.91' LT	5556.83
35	1+84.65	46.98' LT	5556.77
36	2+34.65	46.98' LT	5556.50
37	2+84.65	46.81' LT	5556.23
38	3+05.72	45.28' LT	5556.47
39	3+26.37	40.81' LT	5555.92
40	3+47.26	36.31' LT	5555.86
41	3+68.58	34.82' LT	MATCH EX.



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMB AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415A (SAWCUT ONLY).
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- 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 APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

KEYED NOTES

- TYPE 'A' CURB & GUTTER PER NMDOT STD. DWG. 609-01, SEE SHEET 5B
- TYPE 'B' CURB & GUTTER PER NMDOT STD. DWG. 609-01, SEE SHEET 5B
- BUILD WHEELCHAIR RAMP PER DETAIL THIS SHEET.
- BUILD 6' SIDEWALK PER NMDOT STD. DWG. 608-01
- BUILD 4" TEXTURED MEDIAN PAVEMENT TO LIMITS SHOWN ON PLANS. MATCH EXISTING COLOR AND PATTERN. PER C.O.A. STD. DWG. 2408 & 2502
- REMOVE AND RELOCATE EXISTING SIGN TO SAME LOCATION OUTSIDE OF NEW PAVEMENT LIMITS.
- REMOVE AND RELOCATE EXISTING STREET LIGHT TO SAME LOCATION OUTSIDE OF NEW PAVEMENT LIMITS. DISPOSE EXISTING FOUNDATION. PER NMDOT STD. DWG. 7076-07-1/1
- REMOVE AND RELOCATE PULL BOX PER TRAFFIC SIGNAL PLANS
- ADJUST MANHOLE TO GRADE
- BUILD 6' CONCRETE VALLEY GUTTER PER C.O.A. STD. DWG. 2420

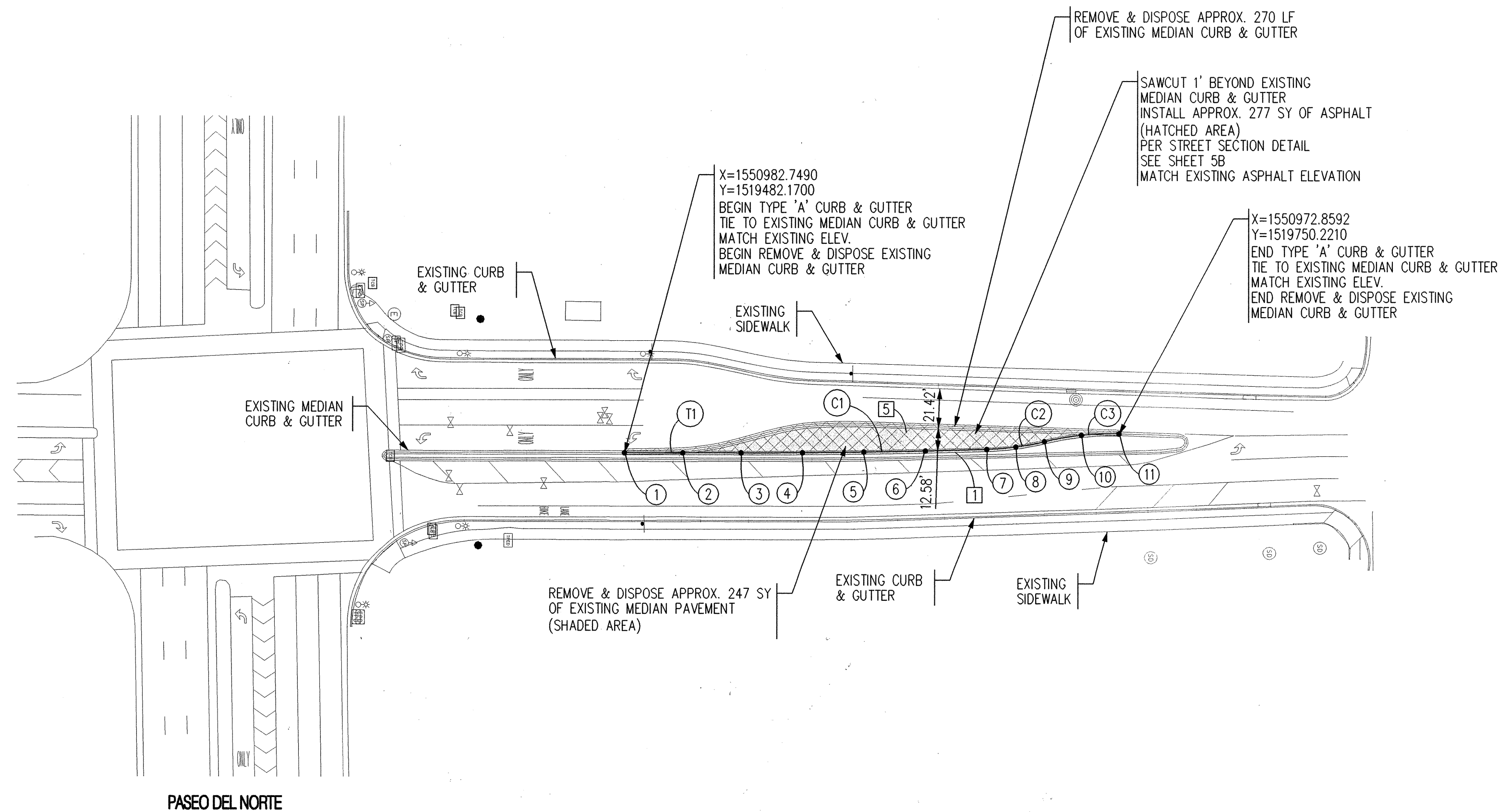
RECORD DRAWING

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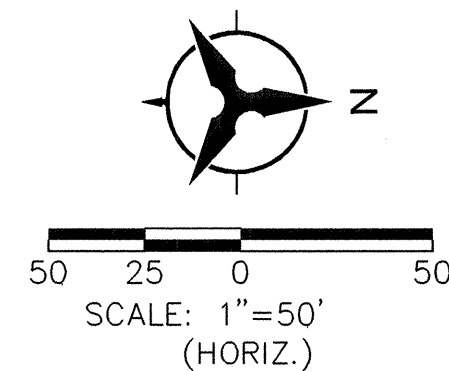
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
PASEO DEL NORTE & VENTURA STREET DEVELOPMENT
OFFSITE IMPROVEMENTS PHASE I
PAVING PLAN - VENTURA STREET

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED FEB 20 2009	APPROVED APR 10 2009		
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE	

CITY PROJECT NO.	719982	ZONE MAP NO.	D-20-Z	SHEET	7	OF	13
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PROPOSED ASPHALT PAVING
EXISTING MEDIAN PAVEMENT
REMOVE & DISPOSE



MEDIAN Point Table			
	NORTHING	EASTING	ELEVATION = $\bar{E}$
1	1519482.17	1550982.75	MATCH EX. (5478.01)
2	1519513.75	1550982.86	5477.49
3	1519545.32	1550982.97	5476.65
4	1519578.65	1550982.95	5475.69
5	1519611.95	1550982.66	5474.59
6	1519645.28	1550982.10	5473.94
7	1519678.57	1550981.27	5473.29
8	1519694.29	1550979.99	5472.94
9	1519709.79	1550977.06	5472.52
10	1519729.86	1550973.58	5472.44
11	1519750.22	1550972.86	MATCH EX. (5471.89)

MEDIAN Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	133.27°	4101.32'	01°51'42"	66.64'
C2	31.56°	150.00'	12°03'11"	15.84'
C3	40.78°	150.00'	15°34'34"	20.52'

MEDIAN Tangent Table		
ID	BEARING	LENGTH
T1	S00°12'01"W	63.15'

NOTES

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KEYED NOTES

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RECORD DRAWING

Bohannon & Huston

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CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

PASEO DEL NORTE & VENTURA STREET DEVELOPMENT
OFFSITE IMPROVEMENTS PHASE I

PAVING PLAN - BARSTOW STREET

DESIGN REVIEW COMMITTEE
APPROVED
FEB 20 2009
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVED
APR 10 2009
CITY ENGINEER

LAST DESIGN UPDATE

MO./DAY/YR.
MO./DAY/YR.
DESIGNED BY
DRAWN BY
CHECKED BY

CITY PROJECT NO.

719982

ZONE MAP NO.

D-20-Z

SHEET

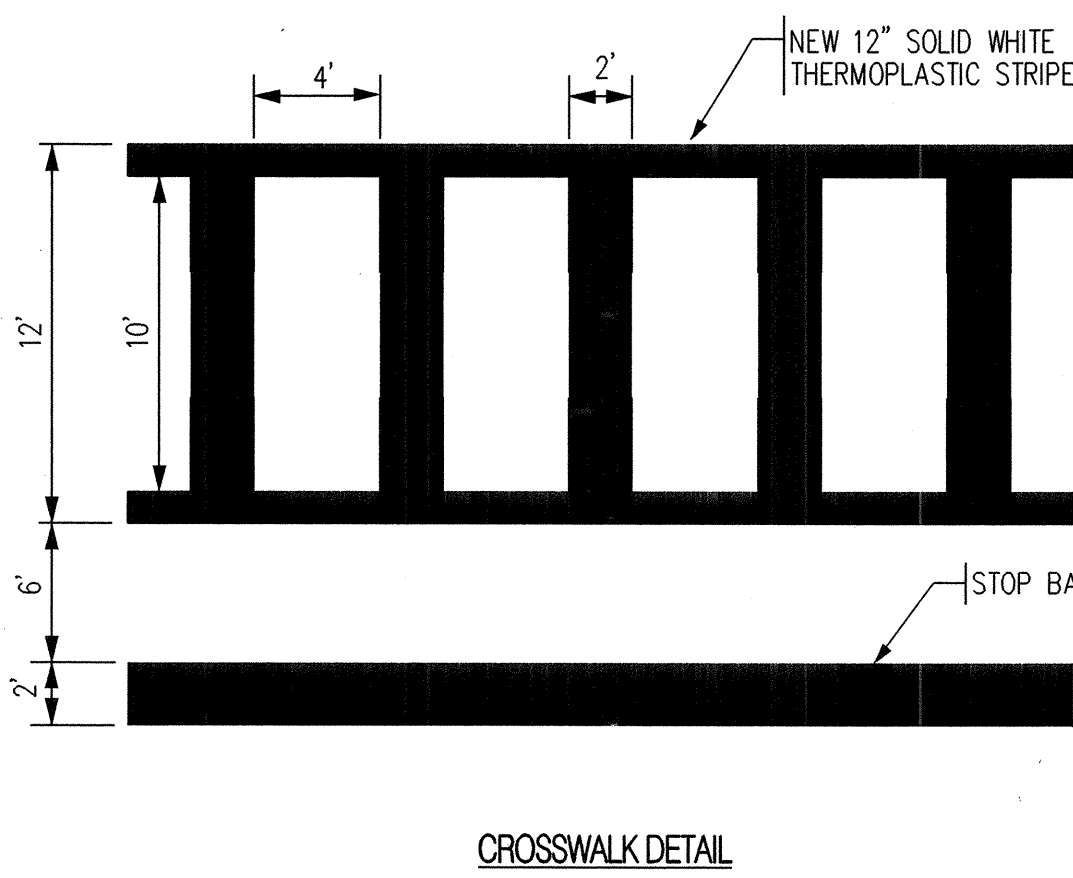
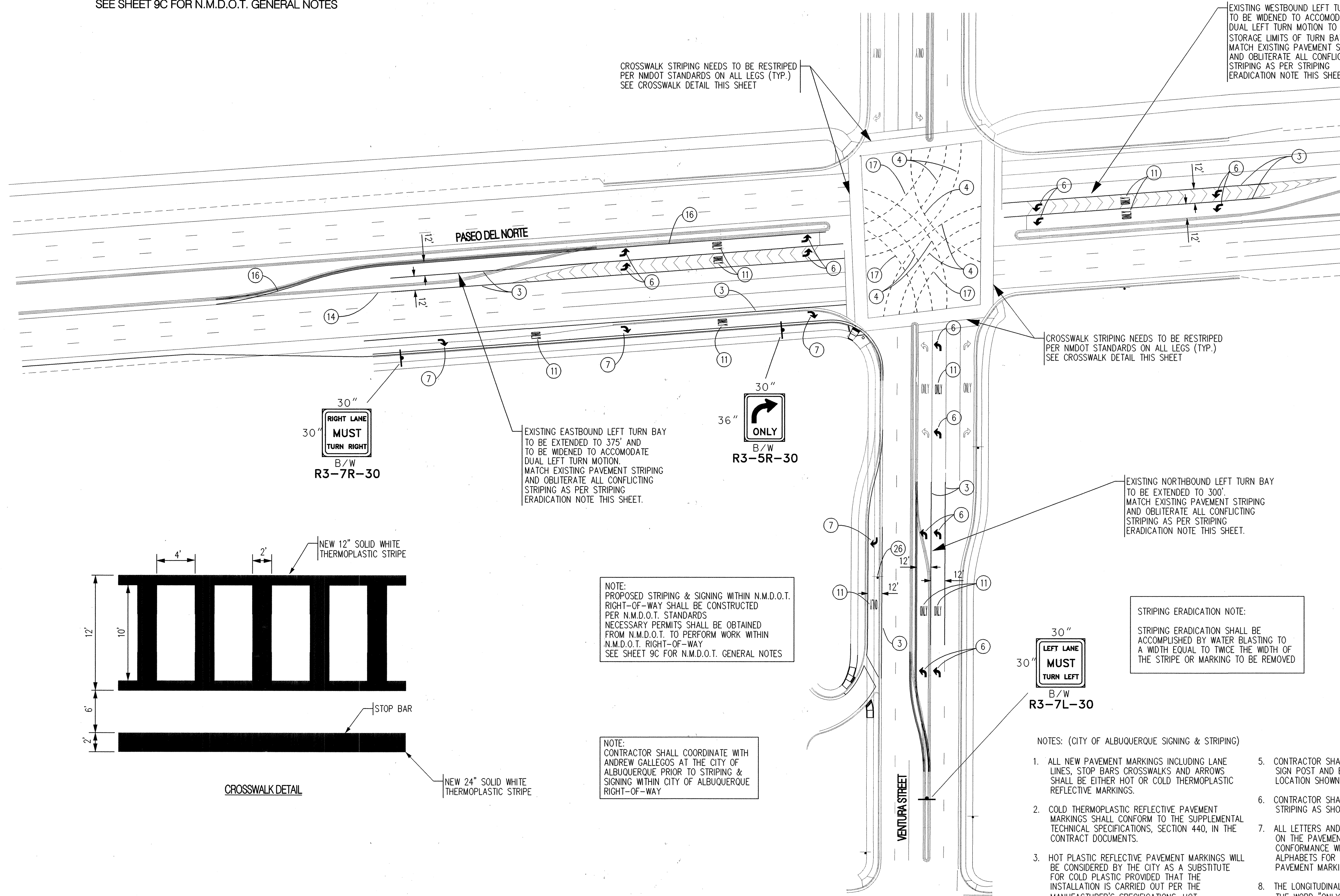
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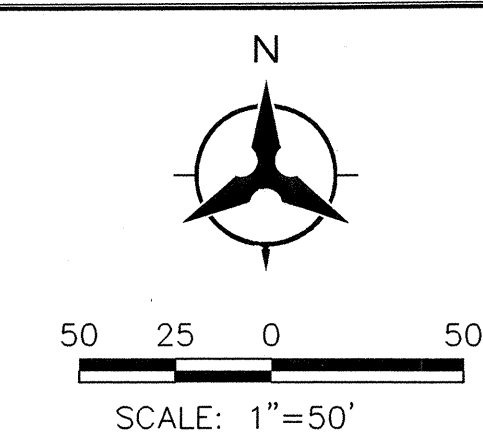
13

NOTE:
IMPROVEMENTS WITHIN N.M.D.O.T. RIGHT-OF-WAY
SHALL BE APPROVED BY N.M.D.O.T.
SEE SHEET 9C FOR N.M.D.O.T. GENERAL NOTES



- KEYED NOTES:
- EXISTING PAVEMENT MARKINGS TO REMAIN.
 - NEW 4" BROKEN WHITE REFLECTIVE THERMOPLASTIC STRIPE (10' STRIPE, 30' GAP).
 - NEW 4" SOLID WHITE REFLECTIVE THERMOPLASTIC STRIPE.
 - NEW 4" BROKEN WHITE REFLECTIVE THERMOPLASTIC STRIPE (2' STRIPE, 4' GAP).
 - NEW 6" BROKEN WHITE REFLECTIVE THERMOPLASTIC STRIPE (3' STRIPE, 7' GAP).
 - NEW PREFORMED THERMOPLASTIC LEFT ARROW.
 - NEW PREFORMED THERMOPLASTIC RIGHT ARROW.
 - NEW PREFORMED THERMOPLASTIC THRU OR CHANNELIZATION ARROW.
 - NEW PREFORMED THERMOPLASTIC THRU AND RIGHT ARROW.
 - NEW PREFORMED THERMOPLASTIC THRU AND LEFT ARROW.
 - NEW PREFORMED THERMOPLASTIC PAVEMENT MARKING "ONLY".
 - NEW BICYCLE PAVEMENT MARKING. SEE DIAGRAM THIS SHEET.
 - NEW 6" SOLID WHITE THERMOPLASTIC BIKE LANE STRIPING.
 - REMOVE EXISTING STRIPING OR PAVEMENT MARKINGS. SEE STRIPING ERADICATION NOTE THIS SHEET.
 - NEW 4" BROKEN YELLOW REFLECTIVE THERMOPLASTIC STRIPE (10' STRIPE, 30' GAP).
 - NEW 4" SOLID YELLOW REFLECTIVE THERMOPLASTIC STRIPE.
 - NEW 4" BROKEN YELLOW REFLECTIVE THERMOPLASTIC STRIPE (2' STRIPE, 4' GAP).
 - NEW 6" BROKEN YELLOW REFLECTIVE THERMOPLASTIC STRIPE (2' STRIPE, 4' GAP).
 - NEW 4" SOLID DOUBLE YELLOW REFLECTIVE THERMOPLASTIC STRIPE.
 - INSTALL CHEVRON YELLOW REFLECTIVE THERMOPLASTIC AT 20' SPACING AND 45° ANGLE (SEE DETAIL THIS SHEET).
 - INSTALL CHEVRON WHITE REFLECTIVE THERMOPLASTIC AT 20' SPACING AND 45° ANGLE (SEE DETAIL THIS SHEET).
 - INSTALL CROSSWALK PER DETAIL THIS SHEET.
 - NEW 12" SOLID WHITE THERMOPLASTIC STRIPE CROSSWALK 10' (INSIDE) WIDE (TYP).
 - NEW 12" OR 24" SOLID WHITE THERMOPLASTIC STOP BAR 4' (MIN) BEHIND CROSSWALK OR PC OF MEDIAN WHICHEVER IS LESS.
 - PAINT MEDIAN NOSE YELLOW.
 - RELOCATE EXISTING SIGN TO SAME LOCATION OUTSIDE OF NEW PAVEMENT LIMITS. REPLACE IF NECESSARY.

RECORD DRAWING



Bohannon & Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE

DEPARTMENT OF MUNICIPAL DEVELOPMENT

PASEO DEL NORTE & VENTURA STREET DEVELOPMENT OFFSITE IMPROVEMENTS PHASE I

STRIPING & SIGNING PLAN

DESIGN REVIEW COMMITTEE

APPROVED

FEB 20 2009

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

APPROVED

APR 10 2009

CITY ENGINEER

LAST DESIGN UPDATE

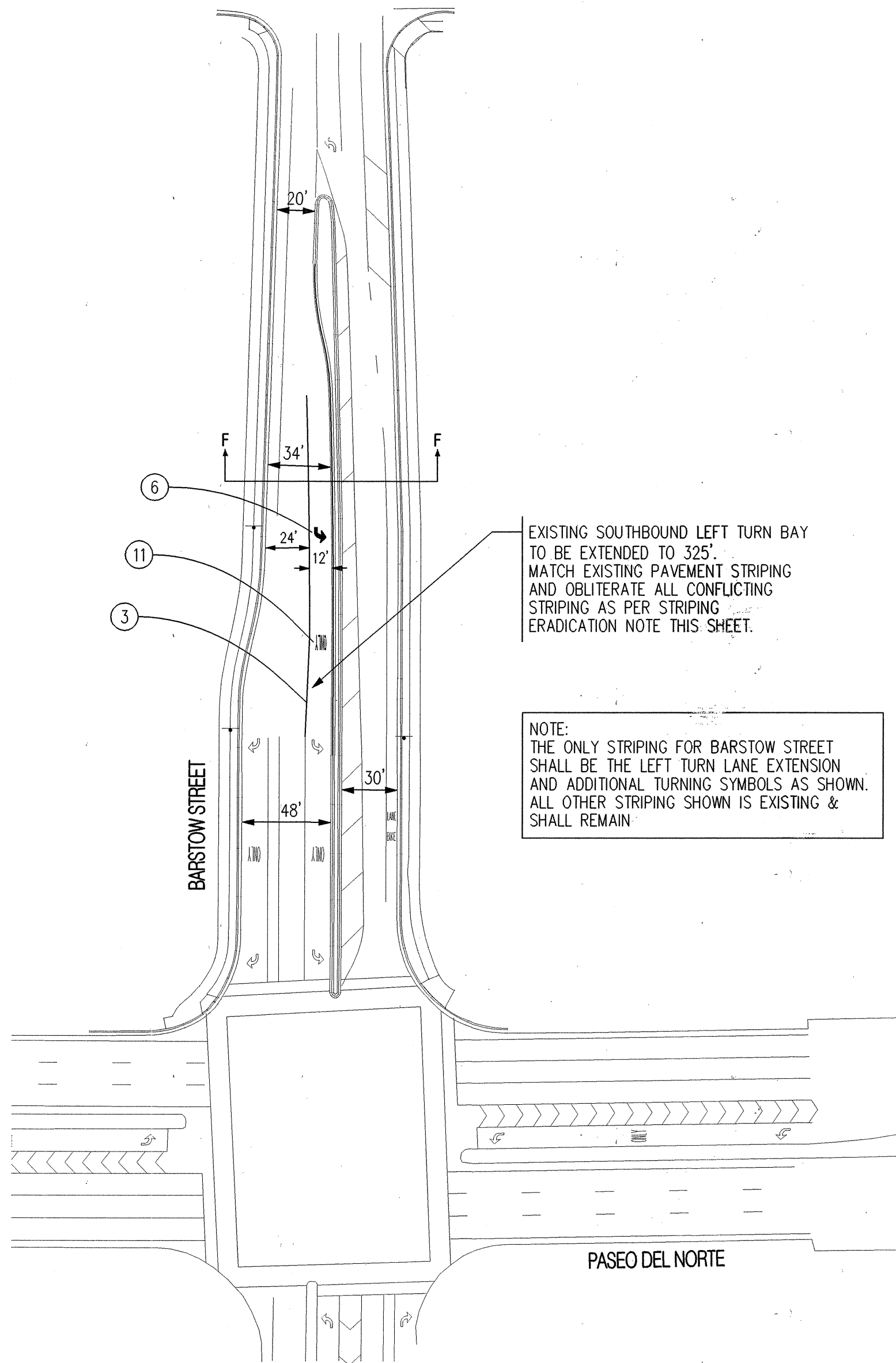
MO./DAY/YR.

MO./DAY/YR.

CITY PROJECT NO. 719982

ZONE MAP NO. D-20-Z

SHEET 9A OF 13



EXISTING SOUTHBOUND LEFT TURN BAY
TO BE EXTENDED TO 325'.
MATCH EXISTING PAVEMENT STRIPING
AND OBLITERATE ALL CONFLICTING
STRIPING AS PER STRIPING
ERADICATION NOTE THIS SHEET.

NOTE:
THE ONLY STRIPING FOR BARSTOW STREET
SHALL BE THE LEFT TURN LANE EXTENSION
AND ADDITIONAL TURNING SYMBOLS AS SHOWN.
ALL OTHER STRIPING SHOWN IS EXISTING &
SHALL REMAIN.

KEYED NOTES:

- EXISTING PAVEMENT MARKINGS TO REMAIN.
- NEW 4" BROKEN WHITE REFLECTIVE THERMOPLASTIC STRIPE (10' STRIPE, 30' GAP).
- NEW 4" SOLID WHITE REFLECTIVE THERMOPLASTIC STRIPE.
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- RELOCATE EXISTING SIGN TO SAME LOCATION OUTSIDE OF NEW PAVEMENT LIMITS. REPLACE IF NECESSARY.

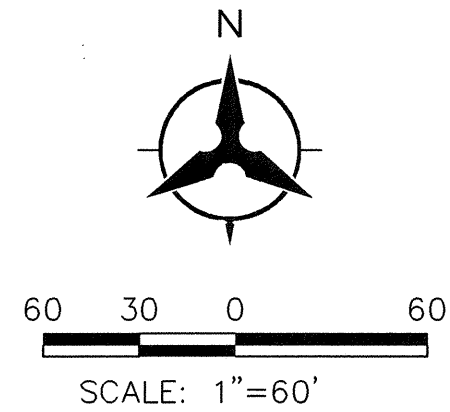
NOTES:

- ALL NEW PAVEMENT MARKINGS INCLUDING LANE LINES, STOP BARS CROSSWALKS AND ARROWS SHALL BE EITHER HOT OR COLD THERMOPLASTIC REFLECTIVE MARKINGS.
- COLD THERMOPLASTIC REFLECTIVE PAVEMENT MARKINGS SHALL CONFORM TO THE SUPPLEMENTAL TECHNICAL SPECIFICATIONS, SECTION 440, IN THE CONTRACT DOCUMENTS.
- HOT PLASTIC REFLECTIVE PAVEMENT MARKINGS WILL BE CONSIDERED BY THE CITY AS A SUBSTITUTE FOR COLD PLASTIC PROVIDED THAT THE INSTALLATION IS CARRIED OUT PER THE MANUFACTURER'S SPECIFICATIONS. HOT PLASTIC SHALL BE A MINIMUM OF 90 MIL THICKNESS FOR LANELINES AND 125 MIL FOR ALL TRANSVERSE LINES. TEN POUND DROP-ON GLASS BEADS PER 100 SQ. FT. IS REQUIRED. ALL TRANSVERSE LINES SHALL BE ALKYL THERMOPLASTIC. LANE LINES MAY BE HYDROCARBON THERMO-PLASTIC.
- CONTRACTOR SHALL REMOVE ALL CONFLICTING EXISTING PAVEMENT MARKINGS. SEE ERADICATION NOTE THIS SHEET.
- CONTRACTOR SHALL INSTALL NEW SIGN SIGN POST AND BASE POST AT THE LOCATION SHOWN IN TABLE.
- CONTRACTOR SHALL INSTALL ALL NEW STRIPING AS SHOWN.
- ALL LETTERS AND SYMBOL MARKINGS ON THE PAVEMENT SHOULD BE IN CONFORMANCE WITH THE STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS.
- THE LONGITUDINAL SPACE BETWEEN THE WORD "ONLY" AND THE DIRECTIONAL ARROW IS 40 FEET.
- THE LONGITUDINAL SPACE BETWEEN DIRECTIONAL ARROWS IS 100 FEET, UNLESS OTHERWISE NOTED.
- ALL MEDIAN NOSES SHALL BE PAINTED REFLECTIVE YELLOW.
- ALL STRIPING MUST CONFORM TO THE MUTCD.
- ALL SIGNING SHALL HAVE ANTI-GRAFFITI SHEETING OR COATING.

STRIPING ERADICATION NOTE:
STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING TO A WIDTH EQUAL TO TWICE THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED

CONTRACTOR SHALL COORDINATE WITH ANDREW GALLEGOS AT THE CITY OF ALBUQUERQUE PRIOR TO STRIPING AND SIGNING

RECORD DRAWING



NOTE:
SEE SHEET 5B FOR TYPICAL STREET
SECTIONS AND LANE DIMENSIONS.

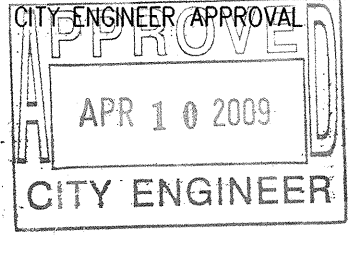
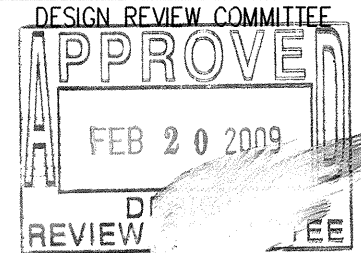
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CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

PASEO DEL NORTE & VENTURA STREET DEVELOPMENT
OFFSITE IMPROVEMENTS PHASE I

STRIPING & SIGNING PLAN



LAST DESIGN
UPDATE

CITY PROJECT NO. 719982 ZONE MAP NO. D-20-Z SHEET 9B OF 13

Traffic Control Notes

1. The Contractor/TCP firm **MUST** adhere to the dates and times listed on the TCP permit. Failure to do so will result in the permit being **revoked**.
2. The NMDOT reserves the right to make any changes and/or modifications to the approved Traffic Control Permit.
3. The Contractor/TCP firm shall adhere to all the requirements listed in the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD).
4. In the areas of pavement operations or other activities within the traveled way and adjacent to the existing traveled lane, the contractor shall assure that no "New Mexico Department of Transportation Pavement Drop-off Guidelines" to achieve a minimum 6:1 slope between traveled lanes and a minimum 3:1 slope adjacent to the existing traveled lane with two 11-foot driving lanes as shown in the detail below.



5. The Contractor/TCP firm will be required to cover up all conflicting signs within or in advance of the work zone.
6. In covering up any conflicting signs, the contractor is to use an approved method of covering existing signs so as not to damage the sign sheeting or markings. The Contractor/TCP firm shall not place a patch on the sign and tape the patch directly to the face of the sign. Failure to adhere to this requirement will result in the Contractor/TCP firm being required to replace the sign.
7. The Contractor/TCP firm shall not place a lane drop taper along a horizontal curve. The lane drop taper shall be placed in advance of the horizontal curve so that it is visible to all oncoming traffic.
8. On crest vertical curves, the Contractor/TCP firm shall place lane drops in advance or at the beginning of the curve to enhance visibility of the lane drop to oncoming traffic.
9. The Contractor/TCP firm SHALL contact Mr. Phil Gallegos, D3 Public Information Officer (PIO), at least 48 hours before any work listed in the TCP is performed, to confirm the actual start date of the construction. Mr. Gallegos can then publish the upcoming work in the District Three Traffic Report. Mr. Gallegos can be reached at 841-2700.
10. All traffic devices shall be kept clean throughout the duration of the project. Any sign that is tagged by Graffiti shall be cleaned within 24 hours or removed or replaced.
11. "BUMP", "LOOSE GRAVEL", "LANE DROP-OFF SIGN" sign placement the contractor shall place W8-148 signs ("BUMP" - B/F0, W8-748 signs ("LOOSE GRAVEL" - B/F0) and/or W8-9a-48 signs ("SHOULDER DROP-OFFS" - B/F0) in advance of bridge approaches or other locations during cold milling and overlay operations as needed or as directed by the project manager. See standard drawing 702-01-1/3 for sign details
12. The following reflectivity material shall be used on all signing placed on NMDOT roadways

SIGN	SIGN CODE	COLOR	LETTER SHEETING	BACKGROUND SHEETING
APPROACH SIGNS	W20-1,2,3,4,5, 7	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
CHEVRONS	W1-2	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
CURVES	W1-2	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
REVERSE CURVE	W1-4	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
MERGE	W1-1	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
NO PASSING ZONE	W14-3	(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
FLAGGER PADDLE		(BLK/FLOURESCENT Orange side one with Red on side 2)	-----	Type VII, VIII or IX
ALL DRUMS		(BLK/FLOURESCENT Orange)	-----	Type VII, VIII or IX
All Other Const. Signs		Black on Orange		Type III

PERMANENT SIGNING & STRIPING NOTES

1. ALL REGULATORY, WARNING, SPECIAL, AND GUIDE SIGNS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

SIGN	SIGN CODE	COLOR	LETTER SHEETING	BACKGROUND SHEETING
STOP	R1-1	(W/RED)	TYPE VIII OR IX	TYPE VIII OR IX
YIELD	R1-2	(W/RED)	TYPE VIII OR IX	TYPE VIII OR IX
DO NOT ENTER	R5-1	(W/RED)	TYPE VIII OR IX	TYPE VIII OR IX
WRONG WAY	R5-1a	(W/RED)	TYPE VIII OR IX	TYPE VIII OR IX
SCHOOL BUS SIGN	S3-1	(BLK/FLUORESCENT YELLOW GREEN)	TYPE VIII OR IX	TYPE VIII OR IX
SCHOOL BUS XING	S1-1	(BLK/FLUORESCENT YELLOW GREEN)	TYPE VIII OR IX	TYPE VIII OR IX
PEDESTRIAN XING	W11-2	(BLK/FLUORESCENT YELLOW GREEN)	TYPE VIII OR IX	TYPE VIII OR IX
BIKE XING	W11-1	(BLK/FLUORESCENT YELLOW GREEN)	TYPE VIII OR IX	TYPE VIII OR IX
ALL SCHOOL/PED/BIKE SUPPLEMENTAL PLAQUES		(BLK/FLUORESCENT YELLOW GREEN) WHEREVER BLK/YELLOW IS SPECIFIED AS COLOR IN MUTCD	TYPE VIII OR IX	TYPE VIII OR IX
ALL OTHER WARNING SIGNS & SUPPLEMENTAL PLAQUES		(BLK/FLUORESCENT YELLOW) WHEREVER BLK/YELLOW IS SPECIFIED AS COLOR IN MUTCD	TYPE VIII OR IX	TYPE VIII OR IX
GUIDE & DESTINATION SIGNS INCLUDE EXTRUDED & NON-EXTRUDED (OVERHEAD & GROUND MOUNTED) E-CODE SIGNS	ALL	(W/GREEN) EXCEPT WHERE SPECIFIED IN THE MUTCD	TYPE VIII OR IX	TYPE IV
	E 11-1, 1a, 1b, 1c	(BLK/FLUORESCENT YELLOW)	TYPE VII OR IX	TYPE IV
RECREATIONAL & CULTURAL INTERESTS	ALL	(W/BROWN)	TYPE VIII OR IX	TYPE IV
GENERAL SERVICE	ALL	(W/BBLUE)	TYPE VII OR IX	TYPE IV
SPECIFIC SERVICE	ALL	(W/BBLUE)	TYPE VIII OR IX	TYPE IV
ALL OTHER PERMANENT SIGNS		(BLK/W/WHITE) EXCEPT WHERE SPECIFIED OTHERWISE IN THE MUTCD.	TYPE IV	TYPE IV

13. If any of the signs and/or traffic control devices, on the attached TCP, are being used overnight the following minimum reflectivity standards shall be required:

New MUTCD Table 2A-3. Minimum Maintained Retroreflectivity Levels					
SHEETING TYPE (ASTM D4956-04)					
SIGN COLOR	Beaded Sheeting			Prismatic Sheeting	ADDITIONAL CRITERIA
	I	II	III	III, IV, VI, VII, IX, X	
White on Green	W1* G-2	W1* G-15	W1* G-25	W-236 G-25	Overhead Ground-mounted
White on Yellow	W1* Y-2	W1* Y-15	W1* Y-25	W-236 Y-25	Ⓢ
White on Red	W1* R-2	W-35 R-15	W-35 R-25	W-35 R-25	Ⓢ
Black on White	W-35 W-15	W-35 W-15	W-35 W-15	W-35 W-15	Ⓢ

Ⓢ The minimum maintained retroreflectivity levels shown in this table are in units of cd/m²/m² measured at an observation angle of 0.2° and an entrance angle of 40°.

Ⓢ For test and fine symbol signs measuring less than 120 mm (4 7/8 in) and for all sizes of bold symbol signs

Ⓢ For test and fine symbol signs measuring less than 120 mm (4 7/8 in)

Ⓢ Minimum Sign Contrast Ratio = 2:1 (white reflectivity ÷ red and yellow reflectivity)

* This sheeting type should not be used for this color for the application.

BOLD SYMBOL SIGNS

W1-1 - Turn and Curve	W1-1 - Stop Ahead	W1-13 - Deer Crossing
W1-3 - Advance Turn and Curve	W1-2 - Road Ahead	W1-14 - Gentle Crossing
W1-5 - Warning Road	W1-3 - Signal Ahead	W1-15 - Farm Equipment
W1-7 - Large Arrow	W1-4 - Merge	W1-16 - Snowmobile Crossing
W1-8 - Merge	W1-5 - Lane Ends	W1-17 - Squatting Crossing
W1-10 - Intersection in Advance	W1-6 - Added Lane	W1-18 - Fire Station
W1-15 - 200 ft Advance	W1-6 - Entering Roundway Added Lane	W1-19 - Truck Crossing
W1-1 - Cross Road	W1-6 - 2 - Divided Highway Right and Ends	W1-21 - Double Arrow
W1-2 - 3 - Side Road	W1-6 - 3 - Two Way Traffic	W1-56 - 4p, 7p - Baiting Arrow Plaques
W1-2 - 3 - T and Y Intersection	W1-10 - 2 - 3 - 11-12-13	W1-28 - Bagger
W1-2 - Circular Intersection	Highway Railroad Advance Warning	W1-21 - Worker
	W1-1 - 2 - Pedestrian Crossing	

FINE SYMBOL SIGNS – Symbol Signs Not Listed As Bold Symbol Signs

SPECIAL CASES

W1-1 - Stop Ahead: Red retroreflectivity 7	W1-13 - Step Ahead: Red retroreflectivity 7
W1-2 - Yield Ahead: Red retroreflectivity 7, White retroreflectivity 35	W1-3 - Signal Ahead: Red retroreflectivity 7, Green retroreflectivity 35
W1-3 - Signal Ahead: Red retroreflectivity 7, Green retroreflectivity 35	W1-5 - Speed Reduction: White retroreflectivity 35

For non-demand displayed signs such as W1-3 (No Passing Zone), W1-4p (Work Ahead Traffic Does Not Stop), or W1-1 - 2 - 3 - 5, use larger size dimension to determine minimum retroreflectivity level.

14. Placement of the sequential arrow shall be at or near the beginning of the lane closure taper. In areas of insufficient pavement width, the sequential arrow may be placed within the taper, but not to exceed $\frac{1}{2}$ the taper length. In all cases, the sequential arrow shall be placed behind the channelization devices.
15. All signing on the interstate and on high speed 4 lane divided facilities shall be double indicated.
16. All signs that are part of work zone that is in place for more than 3 days shall be placed on posts.
17. Covering existing white and yellow stripes with black paint as a method of stripe removal is strictly prohibited.
18. All warning and regulatory signs shall meet the following size requirements:
 - a. Interstate: Warning sign 48"x48" Regulatory 48"x60"
 - b. Non-Interstate: Warning sign 36"x36" Regulatory 36"x42"
19. All CWB ends, within the clear zone, have to be protected with an approved crash cushion attenuator (approved based on the design speed of the road).

PERMANENT SIGNING & STRIPING NOTES (CON'T)

2. ONLY 0.125 INCHES THICK ALUMINUM PANEL SIGNS ARE PERMITTED FOR WARNING AND REGULATORY SIGNS.
3. ANTI GRAFFITI COATING, WITH UV INHIBITOR, SHALL BE APPLIED ON ALL REGULATORY, WARNING, GUIDE, AND SPECIAL SIGNS.
4. QUANTITIES MAY VARY AS FIELD CONDITIONS DICTATE. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED.
5. ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH N.M. STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (LATEST EDITION) AND ANY APPLICABLE SPECIAL PROVISION AND/OR SUPPLEMENTAL SPECIFICATION. ALSO THE DEVICES SHALL COMPLY WITH CURRENT EDITION, WITH REVISIONS, OF THE MUTCD.
6. EACH SIGN FACE SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL (CURRENT EDITION) FOR PROPER ARRANGEMENT, SPACING OF LETTERS, LETTER HEIGHT, SYMBOLS AND BORDERS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS.
7. POST LENGTHS ARE BASED ON A MINIMUM OF 5 FT FOR RURAL ROADWAY SECTIONS TO A MINIMUM OF 7 FT FOR URBAN AND INTERSTATE ROADWAY SECTIONS. THE LENGTHS ARE MEASURED FROM THE BOTTOM OF THE SIGN TO NEAR EDGE OF THE DRIVING LANE.
8. THE LATERAL CLEARANCE OF SIGNS SHALL BE NO CLOSER THAN THE 6 FT FROM THE EDGE OF SHOULDER OR 12 FT FROM THE EDGE OF TRAVELED WAY FOR RURAL AREAS AND NO CLOSER THAN 2 FT FROM FACE OF CURVEB FOR URBAN AREAS.
9. ALL SIGNING HARDWARE, INCLUDING BRACKETS, (FOR MOUNTING ALL STREET NAME SIGNS, W1-8-18 BACK TO BACK MOUNTING, ETC.) ARE CONSIDERED INCIDENTAL TO SIGN INSTALLATION. THEREFORE, NO PAYMENT WILL BE MADE.
10. THREE 4 LB/FT SIGN POST INSTALLATION APPROVED ONLY IF THE SPAN BETWEEN THE OUTER POSTS EXCEEDS 84" (SIGN WIDTH OF 96" OR GREATER).
11. 3'- 6" BASE POSTS ARE REQUIRED FOR ALL SMALL SIGN POSTS. SEE STANDARD DRAWING 701-02-1/3 FOR DETAILS.
12. SIGN POSTS SHALL BE SQUARE TUBING AS APPROVED BY THE PROJECT MANAGER OR THE DISTRICT TRAFFIC ENGINEER.
13. CONTRACTOR SHALL FIELD VERIFY ALL SIGNING INFORMATION, TEXT, AND LOCATIONS PRIOR TO FABRICATION AND INSTALLATION. NEW SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT MANAGER OR THE DISTRICT TRAFFIC ENGINEER.
14. HOT THERMOPLASTIC PAVEMENT MARKING SHALL BE USED ON ALL STRIPING (LONG LINES, LEGENDS, SYMBOLS, ETC.). THE THERMOPLASTIC PAVEMENT MARKING SHALL BE APPLIED AT A THICKNESS OF 120 MIL.
15. WATER BLASTING IS THE ONLY APPROVED METHOD OF EXISTING STRIPE REMOVAL WITHIN DISTRICT THREE. THE USE OF BLACK PAINT AS A METHOD OF REMOVING OR COVERING EXISTING STRIPING IS STRICTLY PROHIBITED.

20. When flaring the leading end of a Temporary Concrete Wall Barrier (TCWB) within a construction work zone, the flare rate shall be done in accordance with the rates shown in the table below:

Roadway Speed Limit	Minimum Taper/Flare Rate	Desirable Taper/Flare Rate
Less than 45 MPH	8:1	18:1
Between 45 MPH and 55 MPH	10:1	24:1
Greater than 55 MPH	15:1	30:1

21. When CWB is placed in a construction work zone, a 5' buffer area is strongly recommended between the Temporary Concrete Wall Barrier and the work zone to accommodate barrier deflection. When a 5' buffer area is not attainable, consideration shall be given to anchoring the TCWB to the pavement surface. (See attachment "B" - note 8 in standard drawing 606-20-1/4 dated 1/11/2005).
22. The crash cushion attenuators shall be designed as per the District Traffic Engineer's recommendations. The District may elect to either utilize the posted speed or the 85% speed in the layout of the crash attenuators within the work zone.
23. All construction signing shall have a Type III or higher reflective background.
24. All devices that are placed within the NMDOT R/W shall adhere to section 702 - Traffic Control Devices For Construction - in the latest edition of the NMDOT Specification book
25. All stationary objects within clear zone shall be properly shielded and outlined with drums mounted with Type "A" warning lights. Use of vertically mounted retro-reflective material in lieu of a Type A warning light is strictly prohibited.
26. Use of Type I or II barricades for approach ramps on rural Interstate or secondary roadways are prohibited.
27. Any equipment, materials, or vehicles stored within ROW shall be outside of clear zone (based on existing posted speed).
28. Any equipment, material or vehicle stored within clear zone shall be properly shielded.
29. Materials, work activities, equipment, and vehicles shall not be stored within the established buffer space.
30. All construction equipment, vehicles and materials shall remain behind traffic control devices.
31. All traffic control device types, quantities and spacing shall not deviate from the approved Traffic Control Plan. Any changes to the traffic control plan must be approved by the District Traffic Engineer or his/her designee
32. The following Traffic lengths, buffer zone, and spacing of devices requirements shall be adhered to:

Feed Speed (MPH)	Merging & Splitting Turn (10% Length) ¹			Shoulder Turn ²			Transition Area Catching Zone ³		Buffer Space or Distance ⁴ to Flagger Station	Maximum Spacing of Detours ⁵	
	Formula	1° Lane	1° Lane	1° Lane	4°	6°	10°		On a Taper	On a Target	
15	$100 \times \frac{1}{V}$	30	40	45	65	75	90	100	150	50	100
20	$100 \times \frac{1}{V}$	115	60	125	60	135	70	14	21	26	30
25	$100 \times \frac{1}{V}$	140	75	150	75	165	85	18	23	28	33
30	$100 \times \frac{1}{V}$	165	90	180	90	195	100	20	25	30	35
35	$100 \times \frac{1}{V}$	220	115	245	125	265	135	27	31	34	37
40	$100 \times \frac{1}{V}$	270	140	300	150	330	165	30	35	38	41
45	$100 \times \frac{1}{V}$	485	250	540	270	565	290	60	60	120	150
50	$100 \times \frac{1}{V}$	590	300	660	330	690	360	70	70	140	175
55	$100 \times \frac{1}{V}$	605	305	680	330	715	360	73	147	183	230
60	$100 \times \frac{1}{V}$	660	330	750	360	780	400	80	160	200	250
65	$100 \times \frac{1}{V}$	715	355	810	385	845	430	85	170	215	270
70	$100 \times \frac{1}{V}$	770	380	870	410	900	460	90	180	230	290
75	$100 \times \frac{1}{V}$	825	405	930	435	960	490	95	190	245	305
80	$100 \times \frac{1}{V}$	880	430	990	460	1020	520	100	200	260	320
85	$100 \times \frac{1}{V}$	935	455	1050	485	1080	550	105	210	275	335
90	$100 \times \frac{1}{V}$	990	480	1110	510	1140	580	110	220	290	350
95	$100 \times \frac{1}{V}$	1045	505	1170	535	1200	610	115	230	305	365
100	$100 \times \frac{1}{V}$	1100	530	1230	560	1260	640	120	240	320	380

NMDOT District Three
Construction and Material Requirements for Developer Built
Improvements within NMDOT Rights-of-Way

The following guidelines are to provide information on NMDOT construction requirements for private parties, developers, and local governments that are building property improvements that require a driveway permit application in accordance with **18.3.1.6 NMAC, State Highway Access Management Requirements**, and for off-system improvements required to mitigate impacts to the state highway system. It is the applicant's responsibility to ensure a contractor is hired that can construct the proposed improvements in accordance with the NMDOT's specifications and standard drawings

SPECIFICATIONS

The applicant shall comply with the requirements of the NMDOT's Standard Specifications for Highway and Bridge Construction (Current Edition), Standard Drawings, and any revisions provided by the District Traffic Engineer. The current specifications have an issue date of August 2005 and can be accessed at <http://www.nmnsd.state.nm.us/main.asp?scid=11183>.

Listed below are the most likely sections to which the applicant may need to refer.

- 203 – Excavation, Borrow, and Embankment
- 207 – Subgrade Preparation
- 304 – Base Course (Non-QC/QA)¹
- 401 – Pavement Smoothness Measurement²
- 402 – Bituminous Materials, Hydrated Lime, and Liquid Anti-Stripping Agents³
- 404 – Open-Graded Friction Course (Non-QC/QA)⁴
- 407 – Tack Coat
- 408 – Prime Coat
- 414 – Cold Milling
- 416 – Minor Paving⁵
- 422 – Plant-Mix Bituminous Pavement (Superpave Non-QC/QA)⁶
- 451 – Portland Cement Concrete Pavement
- 455 – Diamond-Grinding and Grooving of PCCP
- 570 – Pipe Culverts
- 606 – Metal and Concrete Wall Barrier
- 608 – Sidewalks, Drive Pads, and Concrete Median Pavement
- 609 – Curb and Gutter
- 610 – Cattle Guards
- 623 – Drop Inlets

- 1 – Type I only
2 – At a minimum, straightdging will be applied to all surface and friction course material and removal and replacement or any necessary corrective work methods will be determined by the Department

- 3 – The Department will require certified test reports per Subsection 402.21. PG binders and aggregate gradation may require adjustment from that shown in approved mix design to account for stopped or slow speed traffic.
- 4 – Type I only
- 5 – 4500 tons or less at the Department's discretion
- 6 – Greater than 4500 tons at the Department's discretion

In addition, all sections of Division 700 – Traffic Control Devices may apply, especially to driveway permits for commercial improvements.

In general, the pay factor charts and acceptance limits that are provided in the specifications will be modified for the driveway permit application process and offsite improvements. **It is the applicant's responsibility to obtain any revisions from the District Traffic Engineer prior to soliciting bids for the work to be performed.**

MATERIALS

Materials that have currently approved NMDOT mix designs and component material sources must be used for the proposed improvements. Manufactured materials and components must be on the current Approved Products List. The approval status of mix designs and material sources can be obtained from the NMDOT State Materials Bureau or the respective District. The current Approved Products List can be obtained from the NMDOT State Maintenance Bureau.

SAMPLING AND TESTING

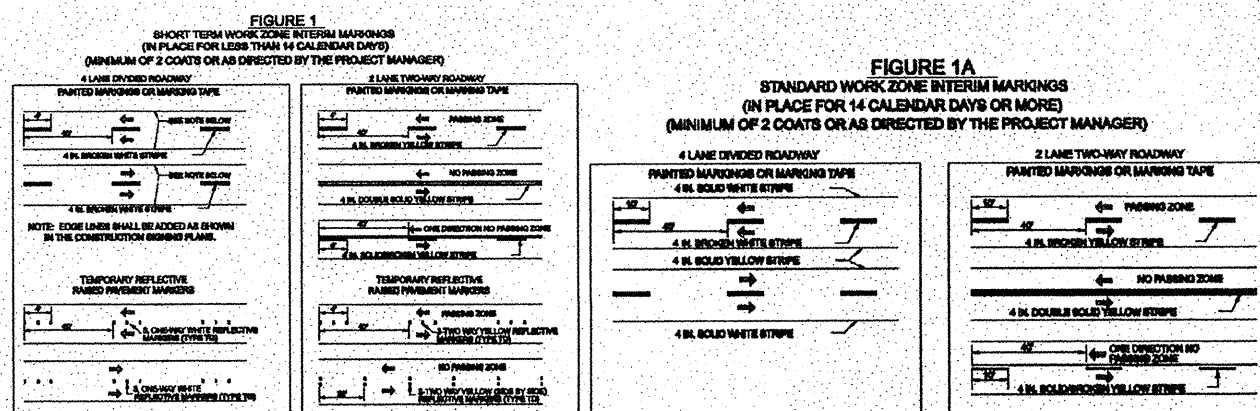
Material sampling and testing shall be performed by laboratories on the Department's approved list and technicians that are TTCP (Technician Training and Certification Program) registered. A current listing of approved laboratories may be obtained from the NMDOT State Materials Bureau, and current registered technicians can be verified with ACNM (Associated Contractors of New Mexico). All test results shall be sealed and signed by a professional engineer licensed to practice in New Mexico.

Material tests shall be provided at the frequencies noted in the specifications for the material being placed. Failure of the applicant to perform the required testing or use testing methods that do not follow approved procedures will cause the driveway permit application or offsite improvements to be subject to rejection as determined by the District Traffic Engineer.

ACCEPTANCE

Acceptance testing will usually be the responsibility of the applicant, but in some cases the Department may perform this function. For manufactured items the applicant shall submit certificates of compliance for review and approval before inclusion in the proposed improvements. Upon completion of the proposed improvements the applicant shall submit results of required materials tests to the District Lab Supervisor. Results and test methods will be analyzed to verify compliance with the acceptable limits in the specifications or the modifications noted in this guide.

33. The contractor or the traffic Control Subcontractor Shall provide a Traffic Control Supervisor on site during working hours for immediate response to traffic control issues/concerns.
34. **Work Zone Interim Markings:**
- a. The contractor shall place reflectorized painted markings on each marking on each intermediate lift of surfacing milled surface at the end of day's surfacing or milling operation. these markings shall be placed in accordance with the details shown in figure 1 or figure 1a on this sheet. in the event the painted markings cannot be placed as described above, the contractor shall, with the approval of the project manager, place marking tape or temporary reflective raised pavement markers in accordance with the details shown in figure 1 or figure 1a on this sheet or as directed by the project manager. Payment for marking tape or temporary pavement markings will be paid for under the unit price of reflectorized painted markings, unless otherwise specified.
 - b. The contractor shall place removable marking tape or temporary reflective raised pavement markers after placement of the final lift of surfacing if permanent markers are not placed during the same working day. These markings shall be placed in accordance with the details shown in figure 1 or 1a on this sheet or as directed by the project manager.
 - c. On roadways with severe curvature, broken-line interim markings with half-cycle lengths and a minimum of 2 foot stripes or a group of two temporary reflective pavement markings spaced 2 feet apart may be used where passing is allowed. Interim edge lines or channelization lines for deflection may be used as needed or as directed by the project manager. Passing/no passing zone signing to supplement interim markings for deflection may be used as needed or as directed by the project manager. All interim markings shall be in accordance with the current edition of the MUTCD.



Determination of which applicant's proposed improvements will be subject to acceptance testing provided by the Department will be done by random methods. However, if in the Department's judgment, the scope and public impact of proposed improvements is significant, the NMDOT reserves the right to arbitrarily choose when to perform full or partial verification testing to assure that the proposed improvements are in compliance with the specifications or any revisions. Applicant's whose proposed improvements will be fully subject to Department acceptance testing will be notified after the applicant's construction schedule and traffic control plan are approved and before the District Traffic Engineer signs the construction permit.

Acceptance of manufactured materials will be based on valid certificates of compliance from the product manufacturer and submitted by the applicant.

All materials and items that do not meet the acceptance requirements must be removed and replaced before the driveway permit is approved.

CONTACTS

District Three Traffic Engineer	Tony Abbo	(505) 841-2700
District Three Laboratory Supervisor	Carlos Giron	(505) 841-2700
State Materials Bureau	Bob Meyers	(505) 827-9811
State Maintenance Bureau	Tom Raught	(505) 827-5176
Associated Contractors of New Mexico	Bryan Legan	(505) 344-2072

		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT		DESIGNED BY YPM / DRAWN BY ARR / CHECKED BY YPM /	
COURTNEY I. HUSTON ENGINEERING & ARCHITECTURE, P.C. 7500 JEFFERSON STREET, N.E. ALBUQUERQUE, NM 87109-4335		NO. DATE			
RECORD DRAWING					
PASEO DEL NORTE & VENTURA STREET DEVELOPMENT OFFSITE IMPROVEMENTS PHASE I N.M.D.O.T. GENERAL NOTES		MO./DAY/YR. MO./DAY/YR.			
DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		LAST DESIGN UPDATE	
NM DOT Standards					
ZONE MAP NO.		SHEET		OF	
719982		D-20-Z		9C 13	

SIGNAL AND LIGHTING NOTES

- LOCATIONS OF CONDUITS, FOUNDATIONS, PULL BOXES, AND CONTROL CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE PROJECT MANAGER IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.
- ALL WIRE ON THIS PROJECT TO BE COPPER ONLY.
- LIGHT STANDARDS SHALL HAVE BREAKAWAY COUPLINGS.
- ALL PULL BOXES INSTALLED FOR ROADWAY LIGHTING SHALL BE STANDARD.
- CONTRACTOR SHALL REMOVE EXISTING CONDUITS AND PULL BOXES AS DIRECTED BY PROJECT MANAGER.
- REWIRING OF EXISTING LUMINAIRES TO BE REMOVED AND RESET, AND CONNECTIONS TO NEW CIRCUITS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- EACH TIME A ROADWAY LUMINAIRE IS TURNED ON OR OFF THE CONTRACTOR SHALL COORDINATE WITH THE FOLLOWING REPRESENTATIVES:
PNM
CITY OF ALBUQUERQUE TRAFFIC OPERATIONS
POWER SHALL NEITHER BE TURNED ON OR OFF UNTIL RESPONSIBLE PARTIES FOR EACH LIGHTING SYSTEM HAVE BEEN NOTIFIED.
- ALL SINGLE CONDUCTOR #10 COPPER WIRES CONNECTING THE MAIN CIRCUIT WIRING TO CORRESPONDING LUMINAIRES SHALL BE CONSIDERED INCIDENTAL TO COST OF POLES.
- ANY LUMINAIRES DAMAGED DURING THE RELOCATION OF LIGHTING STANDARDS SHALL BE REPLACED IN KIND AT CONTRACTOR'S EXPENSE.
- LIGHTS NEAR EXISTING OVERHEAD TRANSMISSION LINES MUST BE MAINTAIN A REQUIRED VERTICAL AND HORIZONTAL CLEARANCE FROM THE PHASE CONDUCTOR. PNM WILL ASSIST IN MEASUREMENT AND DETERMINATION OF CLEARANCE.
- ALL WORK ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL CONFORM TO THE CURRENT NATIONAL ELECTRIC CODE, THE STANDARDS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS FOR ELECTRICAL WIRING AND APPARATUS AND THE CITY'S TRAFFIC ENGINEERING OPERATIONS LATEST SPECIFICATIONS.
- THE CONTRACTOR IS WARNED THAT EXISTING CONDUITS MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.
- SPLICING OF COMMUNICATIONS CABLE WILL NOT BE PERMITTED IN PULL BOXES. SPLICING OF COMMUNICATIONS CABLE (CONNECTIONS) WILL BE PERMITTED ONLY AT SPLICE CABINETS OR CONTROLLER CABINETS WITH SPLICE BARS. SPLICING OF TRAFFIC SIGNALS MCC WILL BE PERMITTED IN LARGE PULL BOXES INCLUDING LARGE MEDIAN PULL BOXES. SPLICING OF VIDEO DETECTION COAXIAL CABLE WILL NOT BE PERMITTED FROM THE MASTARM BASE TO THE CONTROLLER CABINET. SPLICING OF OPTICAL DETECTOR CABLE WILL NOT BE PERMITTED FROM THE DETECTOR TO THE CONTROLLER CABINET.
- ALL VIDEO DETECTION COAXIAL AND POWER CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY CAMERA NUMBER AND LOCATION. ALL OPTICAL DETECTOR CABLE SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH BY DIRECTION AND LOCATION.
- ALL PULL BOXES SHALL BE REINFORCED POLYMER MORTAR HEAVY DUTY TYPE WITH REINFORCED POLYMER MORTAR HEAVY DUTY COVERS. CONCRETE COVERS, STEEL COVERS, AND CONCRETE PULL BOXES WILL NOT BE ACCEPTABLE.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS (857-8000) FIVE WORKING DAYS IN ADVANCE OF ANY ANTICIPATED WORK ON SIGNALS, LIGHTING, AND POWER SERVICES. TRAFFIC ENGINEERING OPERATIONS PERSONNEL WILL ASSIST THE CONTRACTOR IN FIELD LOCATION OF EQUIPMENT, COLOR, CODING OF WIRING, AND MUST BE PRESENT WHEN SIGNALS AND LIGHTING ARE SHUT-OFF OR TURNED ON. THE CONTRACTOR SHALL ALSO NOTIFY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING OPERATIONS EACH TIME A TRAFFIC SIGNAL CONTROL DOOR IS OPEN.
- LIVE UNUSED CONDUCTORS WILL NOT BE ALLOWED AT MASTARM POLES AND PEDESTAL POLES. ALL SUCH UNUSED CONDUCTORS SHALL BE DISCONNECTED AT THE LARGE PULL BOX ADJACENT TO THE POLE.
- IF TRENCH WIDTHS LESS THAN 12" ARE PROPOSED BY THE CONTRACTOR, APPROVED COMPACTION METHODS SHALL BE USED DURING BACKFILL TO PREVENT LATENT TRENCH FAILURES. THE CONTRACTOR SHALL USE GROUT OR LEAN FILL AS APPROVED BY THE PROJECT MANAGER IN LIEU OF EARTH BACKFILL.
- FOR CONDUITS CONTAINING ONLY LOW VOLTAGE COMMUNICATIONS CABLES, THE REQUIREMENTS FOR A SINGLE CONDUCTOR BARE COPPER #8 AWG MAY BE WAIVED WHERE PERMITTED BY THE NATIONAL ELECTRIC CODE.
- EXISTING CONDUITS TO BE REMOVED OR ABANDONED SHALL HAVE ALL WIRING REMOVED.
- EXISTING CONDUITS SHALL BE REPAIRED, ADJUSTED, OR REPLACED AS DIRECTED BY THE PROJECT MANAGER WHERE ELECTRICAL PULL BOXES OR TRAFFIC MANHOLES ARE INSTALLED OR REPLACED.
- THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS SHALL BE USED FOR THE LIGHTING INSTALLATION:

2550 TRAFFIC SIGNAL PULL BOX DETAILS
2580 STREET LIGHTING FOUNDATION & MISCELLANEOUS DETAILS
2581 STREET LIGHTING INSTALLATION & POLE DETAILS

INCIDENTAL ITEMS *

- ANCHOR BOLTS FOR FOUNDATIONS.
- GROUND RODS FOR FOUNDATIONS.
- REWIRING OF ANY EXISTING LUMINAIRES TO REMAIN OR BE RESET.
- SINGLE CONDUCTOR #10 AWG COPPER WIRE CONNECTIONS FROM MAIN CIRCUIT TO LUMINAIRES.
- REMOVAL OF EXISTING PULL BOXES, CONDUITS, OR OTHER SIGNAL & LIGHTING EQUIPMENT FOR INSTALLATION OF RELOCATED EQUIPMENT.
- BORING, DRILLING, PUSHING, AND TRENCHING, INCLUDING REMOVAL AND REPLACEMENT OF PAVEMENT, SIDEWALKS, DRIVE PADS, VALLEY GUTTERS, WHEELCHAIR RAMPS, CURB & GUTTER, AND LANDSCAPING (INCLUDING SPRINKLERS). FOR INSTALLATION OF PULL BOXES, CONDUITS, AND SIGNAL FOUNDATIONS, EXCEPT AS NOTED ON THE PLANS.
- LOCATION OF UTILITY LINES INCLUDING EXPLORATORY TRENCHING AND EXPOSING OF GAS LINES WHEN BORING.
- APPRIISING PUBLIC THROUGH THE LOCAL NEWS MEDIA.
- REMOVAL, SALVAGE, AND TRANSPORTATION OF EXISTING SIGNAL EQUIPMENT TO THE TRAFFIC ENGINEERING OPERATIONS YARD.
- LEAN FILL FOR CONDUIT TRENCHES
- OFF-DUTY POLICE OFFICER FOR TRAFFIC CONTROL.

* ITEMS LISTED ARE ONLY A GENERAL DESCRIPTION OF THE REQUIRED WORK AND MATERIALS, AND MAY NOT BE COMPLETE. THIS LIST DOES NOT INCLUDE ANY INCIDENTAL WORK OR MATERIALS REQUIRED BY THE SPECIAL PROVISIONS SERIALS (STANDARD DETAILS), SUPPLEMENTAL SPECIFICATIONS, OR THE STANDARD SPECIFICATIONS.

LEGEND

NEW	EXISTING	ITEM
■	□	PULL BOX
	▣	METER PEDESTAL
	▣	CONTROLLER CABINET
-----	-----	CONDUIT RUN (SIGNALS)
-----	-----	CONDUIT RUN (LIGHTING)
◁○	◁○	TRAFFIC SIGNAL PEDESTAL POLE
		NEW SIGNAL HEAD ON EXISTING POLE
		TYPE III STANDARD WITH MASTARM, TRAFFIC SIGNALS, BACKPLATES, VIDEO CAMERA AND OPTICAL DETECTOR
	◁○	VIDEO CAMERA
⊗●	⊗○	LIGHTING STANDARD WITH LUMINAIRE AS INDICATED

ESTIMATED QUANTITIES

ITEN NO.	DESCRIPTION	UNIT	PASEO DEL NORTE/	PASEO DEL NORTE/	TOTAL
			VENTURA	VENTURA	
			SIGNAL	LIGHTING	
0422.132	STREET LIGHT STANDARD, ANY SIZE, REMOVE & RELOCATE, COMPL.	EACH		2	2
0423.020	LUMINAIRE FOUNDATION FOR LUMINAIRE HEIGHT OF 40' OR LESS, CIP	EACH		2	2
0423.121	STREET LIGHT FOUNDATION, REMOVE & DISPOSE, COMPL.	EACH		2	2
0424.006	RIGID ELECTRICAL CONDUIT, 2" INCLUDING PUSHING, BORING & JACKING	LIN FT	65	170	235
0424.011	RIGID ELECTRICAL CONDUIT, 3" INCLUDING PUSHING, BORING & JACKING	LIN FT	65		65
0425.002	ELECTRICAL PULL BOX, (STANDARD)	EACH		1	1
0425.003	ELECTRICAL PULL BOX, (LARGE)	EACH	1		1
0425.101	ELECTRICAL PULL BOX, ANY TYPE, REMOVE & DISPOSE, COMPL.	EACH	1	1	2
0426.001	SINGLE CONDUCTOR, 2	LIN FT		360	360
0426.004	SINGLE CONDUCTOR, 8	LIN FT	75		75
0426.010	MULTI-CONDUCTOR CABLE 5	LIN FT	170		170
0426.014	MULTI-CONDUCTOR CABLE 20	LIN FT	150		150
0426.101	EXISTING WIRING, REMOVE & DISPOSE, COMPL.	LIN FT	85	170	255
0427.002	3 SECTION TRAFFIC SIGNAL ASSEMBLY (LED)	EACH	8		8
0427.101	TRAFFIC SIGNAL ASSEMBLY, ANY TYPE, REMOVE & SALVAGE, COMPL.	EACH	8		8
0428.078	OPTICAL DETECTOR CABLE	EACH	265		265
0428.092	VIDEO COAXIAL CABLE	LIN FT	275		275
0428.093	VIDEO POWER CABLE	LIN FT	275		275

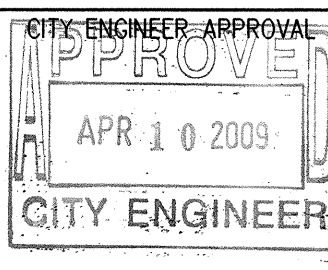
RECORD DRAWING

Bohannon ▴ Huston
Courtlyard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▴ SPATIAL DATA ▴ ADVANCED TECHNOLOGIES



CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

PASEO DEL NORTE & VENTURA STREET DEVELOPMENT
OFFSITE IMPROVEMENTS PHASE I
TRAFFIC SIGNAL & LIGHTING MODIFICATION NOTES - PASEO DEL NORTE / VENTURA STREET



LAST DESIGN UPDATE

CITY PROJECT NO.

719982

ZONE MAP NO.

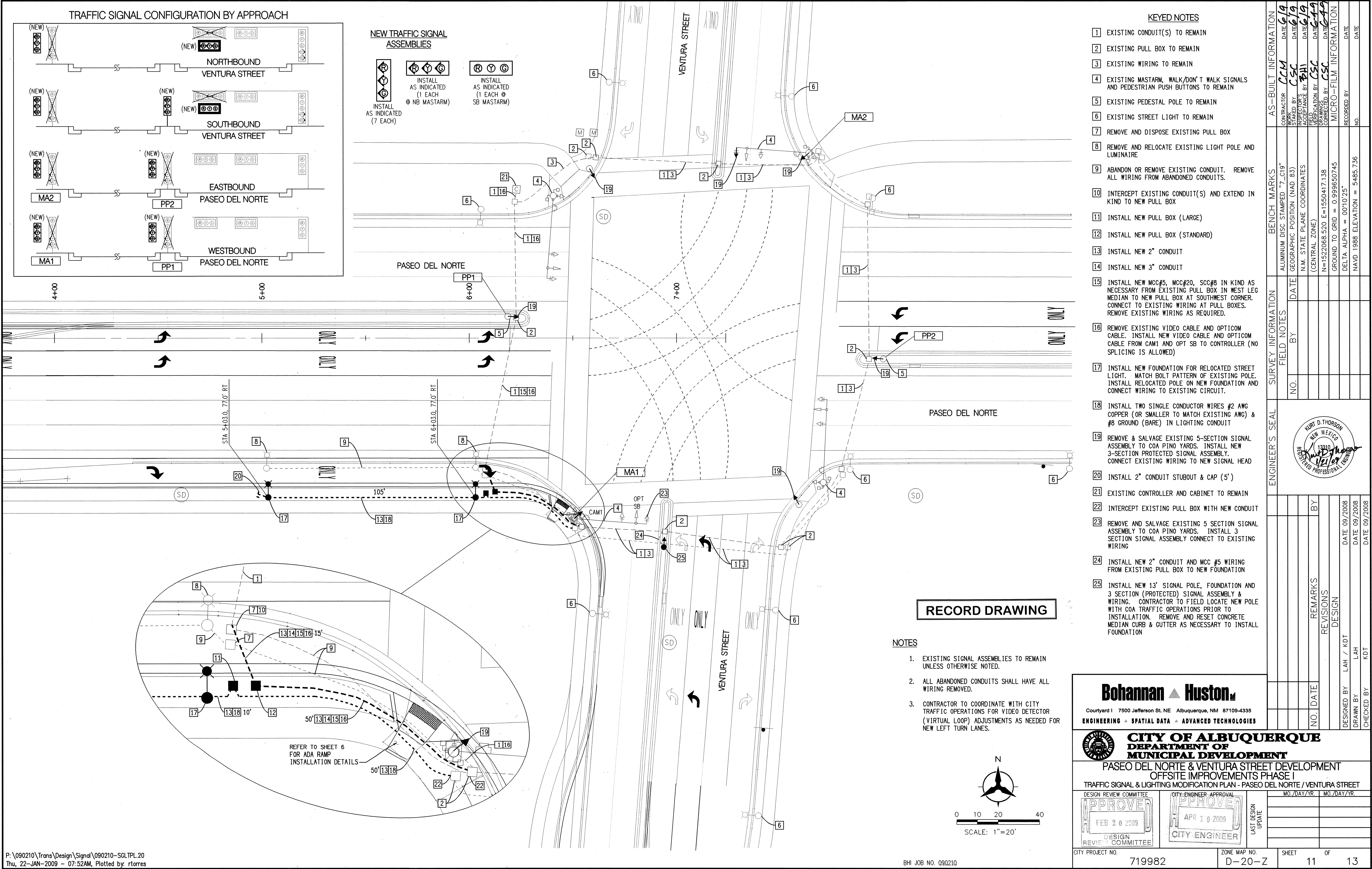
D-20-Z

SHEET

10

OF 13

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ALUMINUM DISC STAMPED "7-C19"	NO.	FIELD NOTES	NO.		BY
WORK STARTED BY	DATE	GEOGRAPHIC POSITION (NAD 83)	BY	DATE	DATE		
DESIGN CHECKED BY	DATE	N.M. STATE PLANE COORDINATES					
FIELD ACTION BY	DATE	(CENTRAL ZONE)					
DESIGN CHECKED BY	DATE	N=1522068.520 E=155047.138					
DESIGN CHECKED BY	DATE	GROUND TO GRID = 0.999650745					
		MICRO-FILM INFORMATION					
		RECORDED BY					
		NO					
		DATE					
		NAVD 1988 ELEVATION = 5485.736					
		DATE					



•	DRUM
	SIGN
	BARRICADE
	WORK ZONE
	DIRECTION OF TRAVEL
	SEQUENTIAL ARROW

Bohannon ▲ Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES



CITY OF ALBUQUERQUE
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**PASEO DEL NORTE & VENTURA STREET DEVELOPMENT
OFFSITE IMPROVEMENTS PHASE I**



DESIGN REVIEW COMMITTEE
APPROVE
FEB 20 2009
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

APR 10 2009

CITY ENGINEER

LAST DESIGN UPDATE	
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719982	719982
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ZONE MAP NO.	SHEET	OF
D-20-Z	12	13

