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216-171712-183-2012

CONSTRUCTION PLANS FOR CVS PHARMACY MCMAHON BLVD. AND UNSER BLVD. PUBLIC INFRASTRUCTURE PHASE I ALBUQUERQUE, NEW MEXICO INDEX

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NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
4. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (ABQWIA AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
5. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
6. ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7.
7. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
3. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
4. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
5. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.

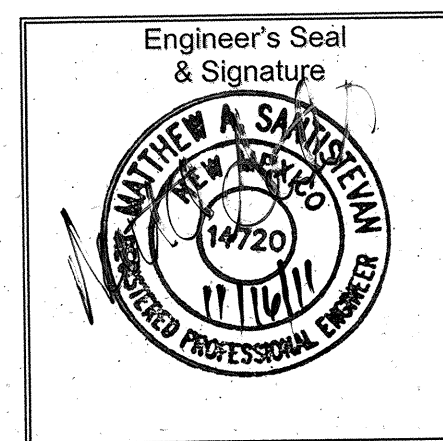
6. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
7. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
10. ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.
11. THE CONTRACTOR SHALL FOLLOW THE COA STANDARD CONSTRUCTION, TRAFFIC CONTROL AND SIGNING PLAN PROVIDED IN THE COA STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE CONSTRUCTION COORDINATION DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.

12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY AS PER STANDARD SPECIFICATIONS.
14. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
15. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE COA STANDARD SPECIFICATIONS.
16. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.
17. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
18. IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION TO MAINTAIN A SMOOTH TRANSITION. THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPERATE PATMENT WILL BE MADE.

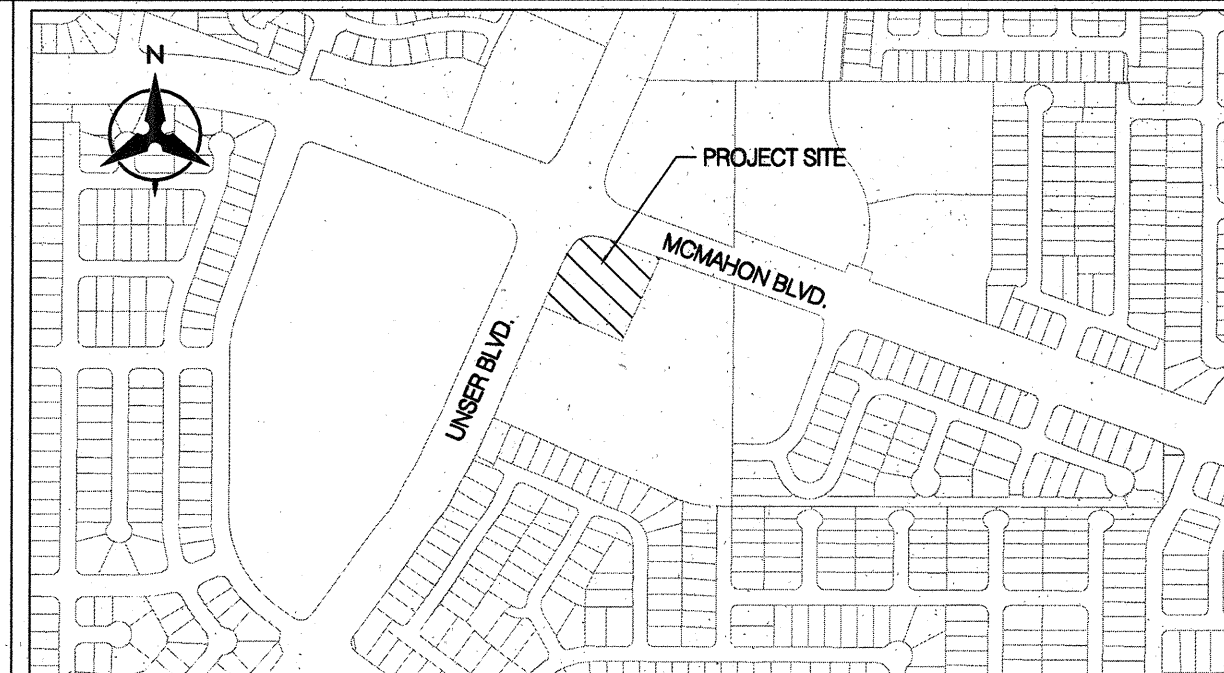
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

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 (CVS Pharmacy McMahon Blvd. and Unser Blvd. Public Infrastructure Phase 1) 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, Custom Grading Inc. and their surveyor, Jason D. Smith, RPLS 17122.

Note: excludes first item on the Infrastructure List:
Unser Half Street Improvements 2-12' Traffic Lanes, 6' Bike Lane (Arterial Pavement), Median C&G, Standard C&G, 10' Asphalt Trail located on Unser Blvd. from 360° South of McMahon Blvd. to South Property Line.



RECORD DRAWINGS



VICINITY MAP

ZONE ATLAS A-11

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7 INCLUDING AMENDMENT NO. ONE.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.
4. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. SEVEN (7) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION, CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
5. ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
7. 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.
8. 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.
9. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
10. CONTRACTOR SHALL COORDINATE WITH THE ABQWIA (505-768-2500) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY ABQWIA PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE ABQWIA SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE COA.

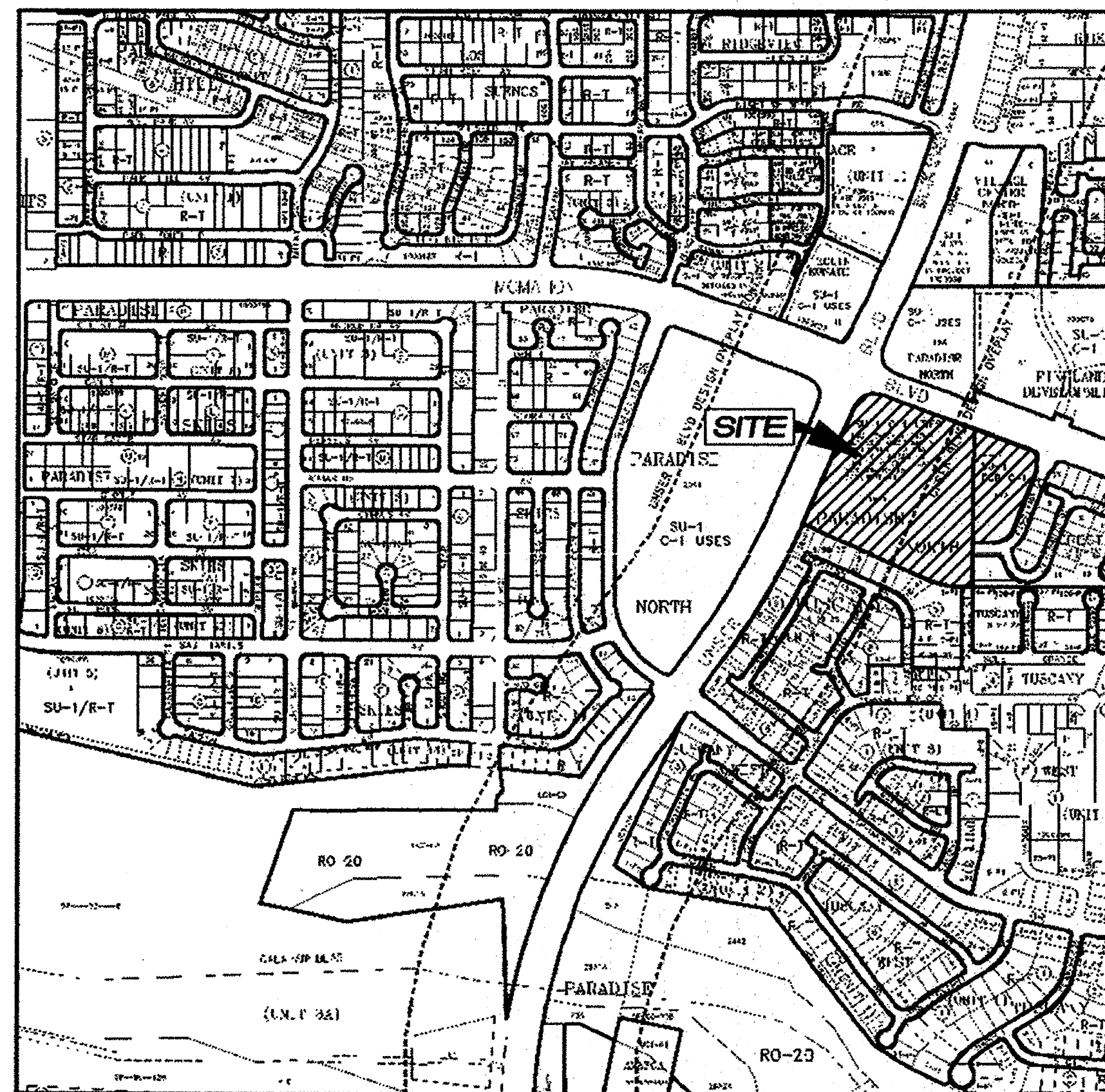
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ 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.

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Val D. Smith
DATE: 07-26-2012

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

REV.	SHEETS	CITY ENGINEER	APPROVALS	ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE									
			DRC Chairman	<i>Alberich</i>	5/12/11		APPROVED FOR CONSTRUCTION		
			Transportation	<i>Smith</i>	6-17-10				
			Water/Wastewater	<i>Smith</i>	6-17-10				
			Hydrology	<i>Smith</i>	6-17-10				
			Parks						
DRB CASE NUMBER			Const. Mngmt.				<i>Val D. Smith</i> 6-5-11 CITY ENGINEER DATE		
1005280			Const. Coord.						
CITY PROJECT NO.									
777283									
SHEET									
1									
OF									
17									



VICINITY MAP
Not To Scale

GENERAL NOTES

- Bearings are New Mexico State Plane Grid Bearings (Central Zone - NAD83).
- Distances are ground.
- 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 2007261883
- City of Albuquerque Zone Atlas Pages: A-11-Z

SUBDIVISION DATA

Total number of existing Tracts: 2
Total number of new lots created: 9
Gross Subdivision acreage: 12.2230 acres

PURPOSE OF PLAT

- Divide the Two (2) existing Tracts into Nine (9) new Lots.
- Grant the new Public and Private Easements as shown hereon.
- Dedicate additional Street Right of Way to the City of Albuquerque, in fee simple with warranty covenants.

SOLAR NOTE

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

"No property within the area of this plat 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."

TREASURERS CERTIFICATION

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

GRABER MARK JMD Partnership LTD LLC
10406626531010102, 10406639829710416
9-24-2010
Bernalillo County Treasurer Date

PUBLIC UTILITY EASEMENTS

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

- Public Service Company of New Mexico for installation, maintenance, and service of underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical service.
- New Mexico Gas Company for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- 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, Public Service Company of New Mexico and New Mexico Gas Company did not conduct a Title Search of the properties shown hereon. Consequently, PNM and NMGC do not waive nor release any easement or easement rights to which it may be entitled.

UTILITY APPROVALS

<u>Lernando Vigil</u>	<u>6-17-09</u>
Public Service Company of New Mexico	Date
<u>James A. Pao</u>	<u>6/19/2009</u>
New Mexico Gas Company	Date
<u>David Belile</u>	<u>6/11/09</u>
QWest Corporation	Date
<u>Robert M. M...</u>	<u>6-17-09</u>
Comcast	Date

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| SHEET 2 | Legal Description, Free Consent and Dedication |
| SHEET 3 | Existing Exterior Boundary and Existing Easements |
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| SHEET 5 | Sanitary Sewer and Water Easement details |
| SHEET 6 | Curve and Line Tables |

**PLAT OF
McMAHON MARKETPLACE**

(BEING A REPLAT OF TRACT 16A-1, PARADISE NORTH AND TRACT E-1-A-1, CRESTVIEW SUBDIVISION)

WITHIN
THE TOWN OF ALAMEDA GRANT
IN
PROJECTED SECTION 2, TOWNSHIP 11 NORTH, RANGE 2 EAST
NEW MEXICO PRINCIPAL MERIDIAN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY, 2009

PROJECT NUMBER: 1005280

Application Number: 10DEB-70092

PLAT APPROVAL

City Approvals:

<u>[Signature]</u>	<u>5-4-09</u>
City Surveyor	Date
Department of Municipal Development	
<u>N/A</u>	
Real Property Division	Date
<u>N/A</u>	
Environmental Health Department	Date
<u>[Signature]</u>	<u>03/31/10</u>
Traffic Engineering, Transportation Division	Date
<u>Alan Porter</u>	<u>03/31/10</u>
ABCWUA	Date
<u>Christina Santora</u>	<u>3/31/10</u>
Parks and Recreation Department	Date
<u>Bradley L. Bingham</u>	<u>3/31/10</u>
AMAFCA	Date
<u>Bradley L. Bingham</u>	<u>3/31/10</u>
City Engineer	Date
<u>Jack Clout</u>	<u>9-24-10</u>
DRB Chairperson, Planning Department	Date

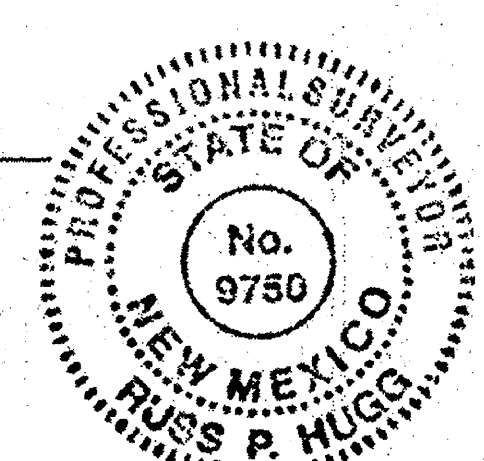
DOCH 2010096126

09/24/2010 10:55 AM Page: 1 of 6
PLAT R: \$32.00 B: 2010C P: 0112 R, Toulous Oliver, Bernalillo Cour

SURVEYOR'S 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 direct supervision; that it meets the Standards for Land Surveys in the State of 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.

[Signature]
Russ P. Hugg
NMPS No. 9750
February 12, 2009



SHEET 1 OF 6

SURVOTEK, INC.

Consulting Surveyors
8384 Valley View Drive, N.W. Albuquerque, New Mexico 87114
Phone: 505-897-3366
Fax: 505-897-3377

LEGAL DESCRIPTION

That certain parcel of land situate within the Town of Alameda Grant in Projected Section 2, Township 11 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico being and comprising all of Tract 16A-1, as shown and designated on the "Vacation, Amended Plat and Replat of PARADISE NORTH, situate within the Town of Alameda Grant ("Projected" Sections 1, 2, 11 & 12, T11N, R2E, N.M.P.M.), City of Albuquerque, Bernalillo County, New Mexico" filed for record in the office of the County Clerk of Bernalillo County, New Mexico, on August 8, 1990, in Volume 90C, folio 182 and all of Tract E-1-A-1, CRESTVIEW SUBDIVISION as the same is shown and designated on the plat entitled "PLAT OF TRACT E-1-A-1, CRESTVIEW SUBDIVISION (BEING A REPLAT OF TRACT E-1-A, CRESTVIEW SUBDIVISION) WITHIN THE TOWN OF ALAMEDA GRANT IN PROJECTED SECTION 2, TOWNSHIP 11 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, COUNTY OF BERNALILLO, NEW MEXICO", filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 25, 2008 in Plat Book 2008C, Page 192 more particularly described by survey performed by Russ P. Hugg, New Mexico Professional Surveyor Number 9750 using New Mexico State Plane, Central Zone (NAD 83) grid bearings and ground distances as follows:

BEGINNING at the Southeast corner of said Tract 16A-1 (a 5/8" rebar and cap stamped "L.S. 4972" found in place) whence the Albuquerque Central Survey Monument "LSS 103" bears S 48° 01' 21" W, 2646.09 feet distant; Thence Northwest along the Southerly line of said Tract 16A-1 for the following three (3) courses:

N 88° 55' 57" W, 44.70 feet to a point of curvature (a 5/8" rebar and cap stamped "L.S. 9750" set); Thence,

Northwesterly, 158.22 feet on the arc of a curve to the right (said curve having a radius of 380.00 feet, a central angle of 23°51'22" and a chord which bears N 78°08'44" W, 157.08 feet) to a point of tangency (a concrete nail and brass disc stamped "L.S. 9750" set); Thence,

N 65° 57' 41" W, 583.64 feet to the Southwest corner of said Tract 16A-1 and a point on the Easterly right of way line of Unser Boulevard N.W. (a concrete nail and brass disc stamped "L.S. 9750" set); Thence Northeasterly and Southeasterly along said Easterly right of way line of Unser Boulevard N.W. for the following four (4) courses:

N 24° 02' 19" E, 545.94 feet to a point of curvature (a 5/8" rebar and cap stamped "L.S. 7270" found in place); Thence

Northeasterly, 60.81 feet on the arc of a curve to the right (said curve having a radius of 180.00 feet, a central angle of 19°21'21" and a chord which bears N 33°43'00" E, 60.52 feet) to a point of compound curvature (a 5/8" rebar and cap stamped "L.S. 7270" found in place); Thence,

Northeasterly, 54.32 feet on the arc of a curve to the right (said curve having a radius of 65.00 feet, a central angle of 47°53'03" and a chord which bears N 67°09'36" E, 52.76 feet) to a point of compound curvature (a 5/8" rebar and cap stamped "L.S. 7270" found in place); Thence,

Southeasterly, 60.81 feet on the arc of a curve to the right (said curve having a radius of 180.00 feet, a central angle of 19°11'21" and a chord which bears S 79°02'55" E, 60.52 feet) to a point of tangency on the Southerly right of way line of McMahon Boulevard N.W. (a 5/8" rebar and cap stamped "L.S. 7270" found in place); Thence,

S 69° 22' 14" E, 671.97 feet along said Southerly right of way line of McMahon Boulevard N.W. to a point of curvature on the Northerly line of said Tract E-1-A-1, Crestview Subdivision; Thence,

Southeasterly, 47.18 feet along said Southerly right of way line of McMahon Boulevard N.W. on the arc of a curve to the right (said curve having a radius of 30.00 feet, a central angle of 90°06'00" and a chord which bears S 24°24'44" E, 42.46 feet) to a non tangent point of reverse curvature on the Westerly right of way line of Fineland Drive N.W.; Thence Southwesterly and Southeasterly along said Westerly right of way line of Fineland Drive N.W. for the following ten (10) courses:

Southwesterly, 18.46 feet on the arc of a curve to the left (said curve having a radius of 77.37 feet, a central angle of 13°40'12" and a chord which bears S 07°53'41" W, 18.42 feet) to a non tangent point on curve; Thence,

S 22° 10' 38" W, 20.41 feet to a point of curvature; Thence,

Southwesterly, 33.47 feet on the arc of a curve to the left (said curve having a radius of 159.00 feet, a central angle of 12°03'38" and a chord which bears S 16°08'49" W, 33.41 feet) to point of reverse curvature; Thence,

Southwesterly, 53.42 feet on the arc of a curve to the right (said curve having a radius of 291.00 feet, a central angle of 10°31'02" and a chord which bears S 15°22'31" W, 53.34 feet) to point of tangency; Thence,

Legal Description continued:

S 20° 38' 02" W, 63.28 feet to a point of curvature; Thence,

Southwesterly, 4.10 feet on the arc of a curve to the left (said curve having a radius of 171.50 feet, a central angle of 01°22'15" and a chord which bears S 19°56'38" W, 4.10 feet) to point of tangency; Thence,

S 19° 15' 37" W, 113.96 feet to a point of curvature; Thence,

Southwesterly, 47.87 feet on the arc of a curve to the right (said curve having a radius of 141.04 feet, a central angle of 19°26'47" and a chord which bears S 28°58'54" W, 47.64 feet) to point of compound curvature; Thence,

Southwesterly, 80.79 feet on the arc of a curve to the right (said curve having a radius of 100.00 feet, a central angle of 46°17'22" and a chord which bears S 67°03'48" W, 78.61 feet) to point of tangency; Thence,

N 89° 47' 26" W, 87.63 feet to the Southeast corner of said Tract E-1-A-1 and a point on the Easterly line of said Tract 16A-1; Thence,

S 00° 17' 03" W, 190.03 feet to the point of beginning of the parcel herein described.

Said Tracts contain 12.2230 acres total, more or less.

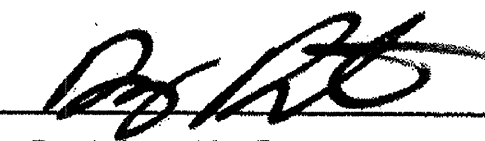
FREE CONSENT AND DEDICATION

SURVEYED and REPLATTED and now comprising PLAT OF McMAHON MARKETPLACE (BEING A REPLAT OF TRACT 16A-A, PARADISE NORTH AND TRACT E-1-A-1, CRESTVIEW SUBDIVISION) WITHIN THE TOWN OF ALAMEDA GRANT IN PROJECTED SECTION 2, TOWNSHIP 11 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, is 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 grant all Private and Public easements as shown hereon. 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 by this plat. 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 certify that they are so authorized to act.

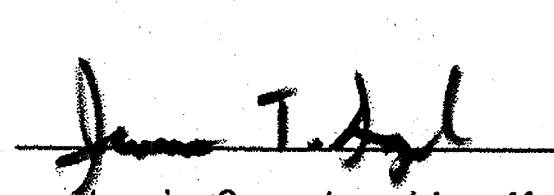
OWNER(S)

TRACT E-1-A-1, CRESTVIEW

JMD- McMahon, LLC
a New Mexico limited liability company


By: Douglas H. Peterson, Manager

TRACT 16A-1, PARADISE NORTH


Mark Gonzales

Jennie Gonzales, his wife


Elsie Gonzales, a single woman

**PLAT OF
McMAHON MARKETPLACE**

(BEING A REPLAT OF TRACT 16A-1, PARADISE NORTH
AND TRACT E-1-A-1, CRESTVIEW SUBDIVISION)

WITHIN

THE TOWN OF ALAMEDA GRANT

IN

**PROJECTED SECTION 2, TOWNSHIP 11 NORTH, RANGE 2 EAST
NEW MEXICO PRINCIPAL MERIDIAN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO**

FEBRUARY, 2009

DOCH 2010096126

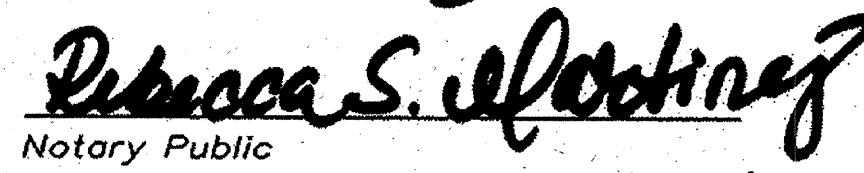
09/24/2010 10:55 AM Page: 2 of 6
ty: PLAT R: 332.00 B: 2010C P: 0112 M. Toulous Olivere, Bernalillo Cour

ACKNOWLEDGMENT

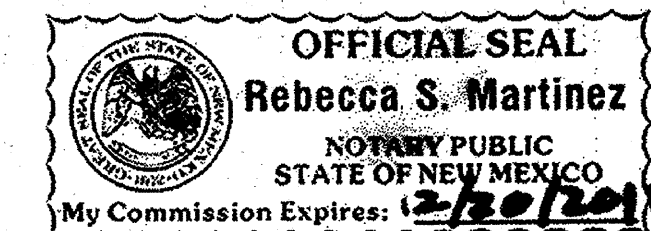
STATE OF NEW MEXICO SS
COUNTY OF BERNALILLO

Notary Public

This instrument was acknowledged before me on this 23rd day of February, 2009, by Douglas H. Peterson.


Notary Public

My Commission expires: 12/20/2011



ACKNOWLEDGMENT

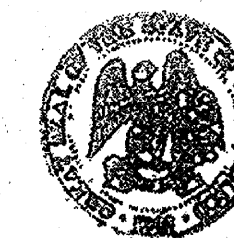
STATE OF NEW MEXICO SS
COUNTY OF BERNALILLO

Notary Public

This instrument was acknowledged before me on this 4th day of MAY, 2009, by Mark Gonzales and Jennie Gonzales, his wife.


Notary Public

My Commission expires: 5/20/11



OFFICIAL SEAL
MAE PETERSON
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed With Secretary of State
My Commission Expires: 5/20/11

ACKNOWLEDGMENT

STATE OF NEW MEXICO SS
COUNTY OF BERNALILLO

Notary Public

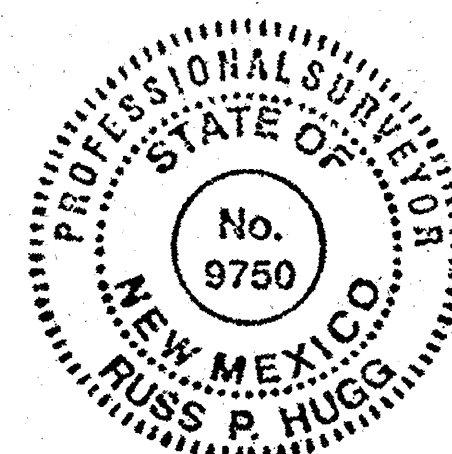
This instrument was acknowledged before me on this 4th day of MAY, 2009, by Elsie Gonzales, a single woman.


Notary Public

My Commission expires: 5/20/11



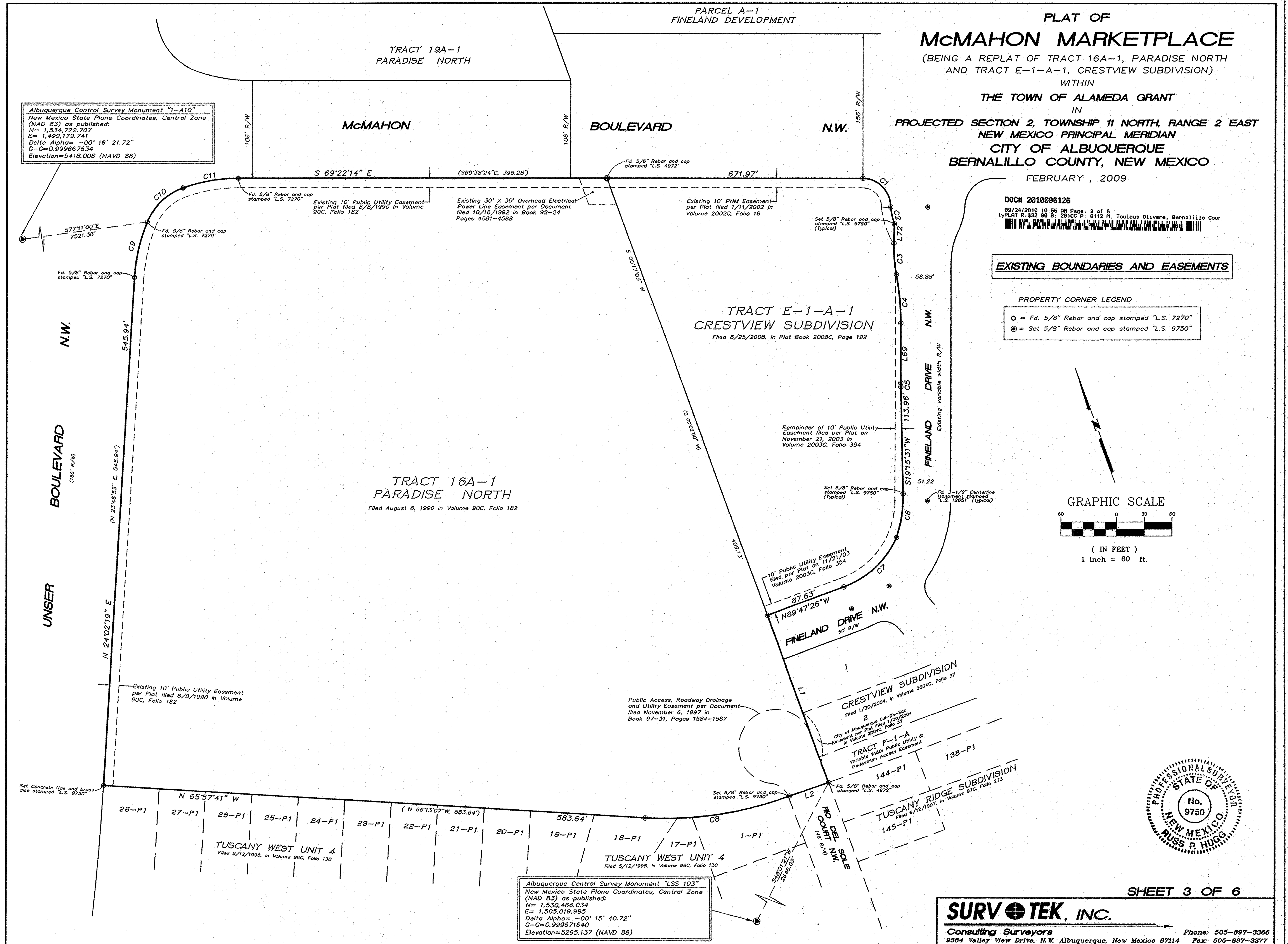
OFFICIAL SEAL
MAE PETERSON
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed With Secretary of State
My Commission Expires: 5/20/11



SHEET 2 OF 6

SURV TEK, INC.

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



NOTE

Lots 1 thru 9, McMahon Marketplace are subject to that certain "COVENANTS, CONDITIONS, RESTRICTIONS, CROSS EASEMENTS AGREEMENT", filed in the office of the County Clerk of Bernalillo County, New Mexico on January 14, 2010 as Document # 2010003656

PARCEL A-1
FINELAND DEVELOPMENT

PLAT OF
McMAHON MARKETPLACE

(BEING A REPLAT OF TRACT 16A-1, PARADISE NORTH
AND TRACT E-1-A-1, CRESTVIEW SUBDIVISION)

WITHIN

THE TOWN OF ALAMEDA GRANT

IN

PROJECTED SECTION 2, TOWNSHIP 11 NORTH, RANGE 2 EAST
NEW MEXICO PRINCIPAL MERIDIAN

CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

FEBRUARY, 2009

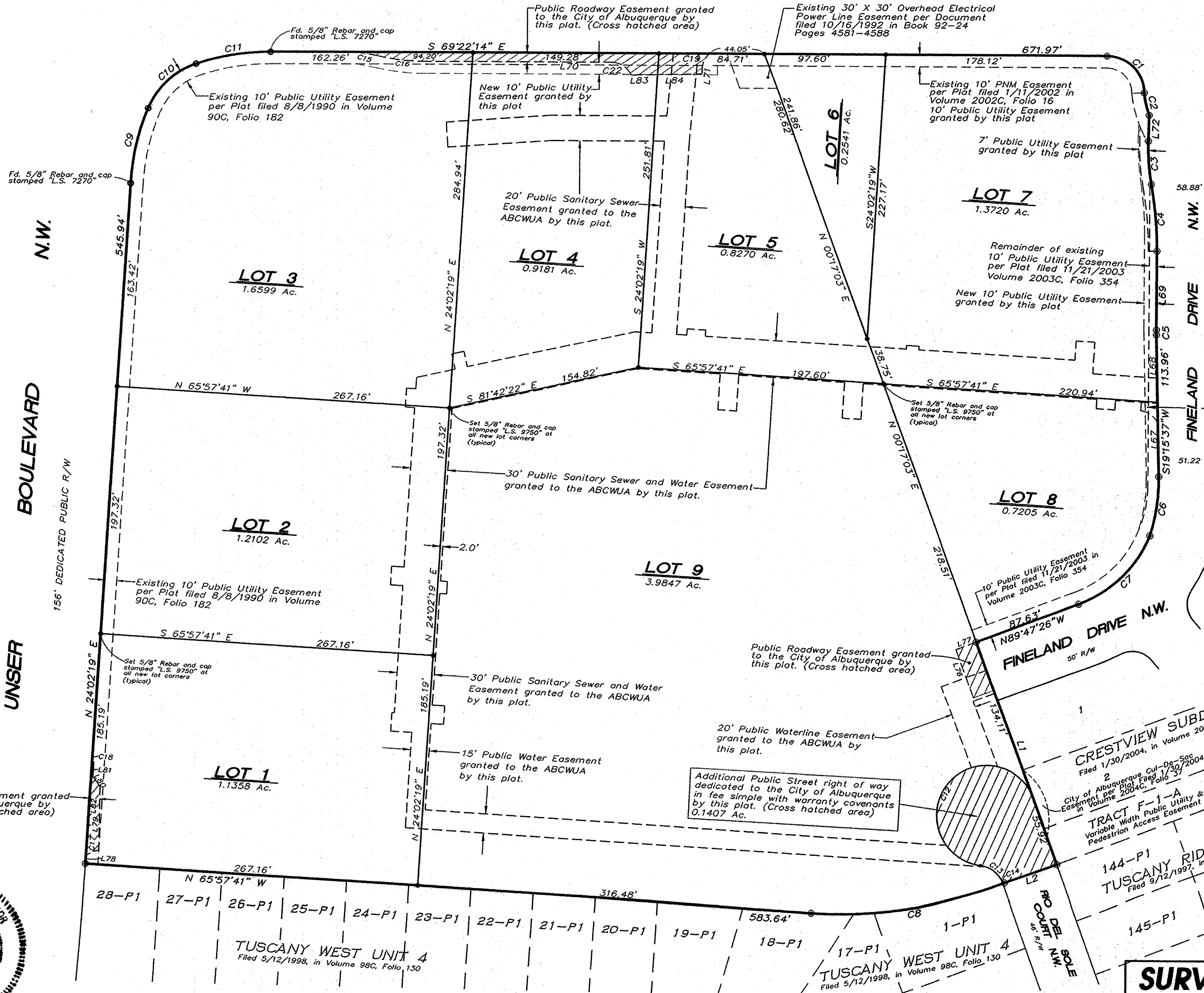
106' DEDICATED PUBLIC R/W

156' DEDICATED PUBLIC R/W

McMAHON

BOULEVARD

N.W.



NOTES:

1. See Sheet 5 for Easement Details
2. See sheet 6 for Line and Curve Tables

PROPERTY CORNER LEGEND

- = Fd. 5/8" Rebar and cap stamped "L.S. 7270"
- ⊙ = Set 5/8" Rebar and cap stamped "L.S. 9750"

DOCH 2010096126

99/24/2010 10:55 AM Page: 4 of 6
tyPLAT R:\$32.00 B: 2010C P: 012 R: Toulous Olivero, Bernalillo Cour

GRAPHIC SCALE

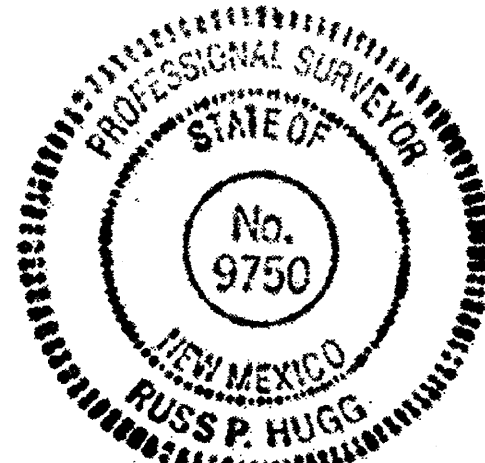


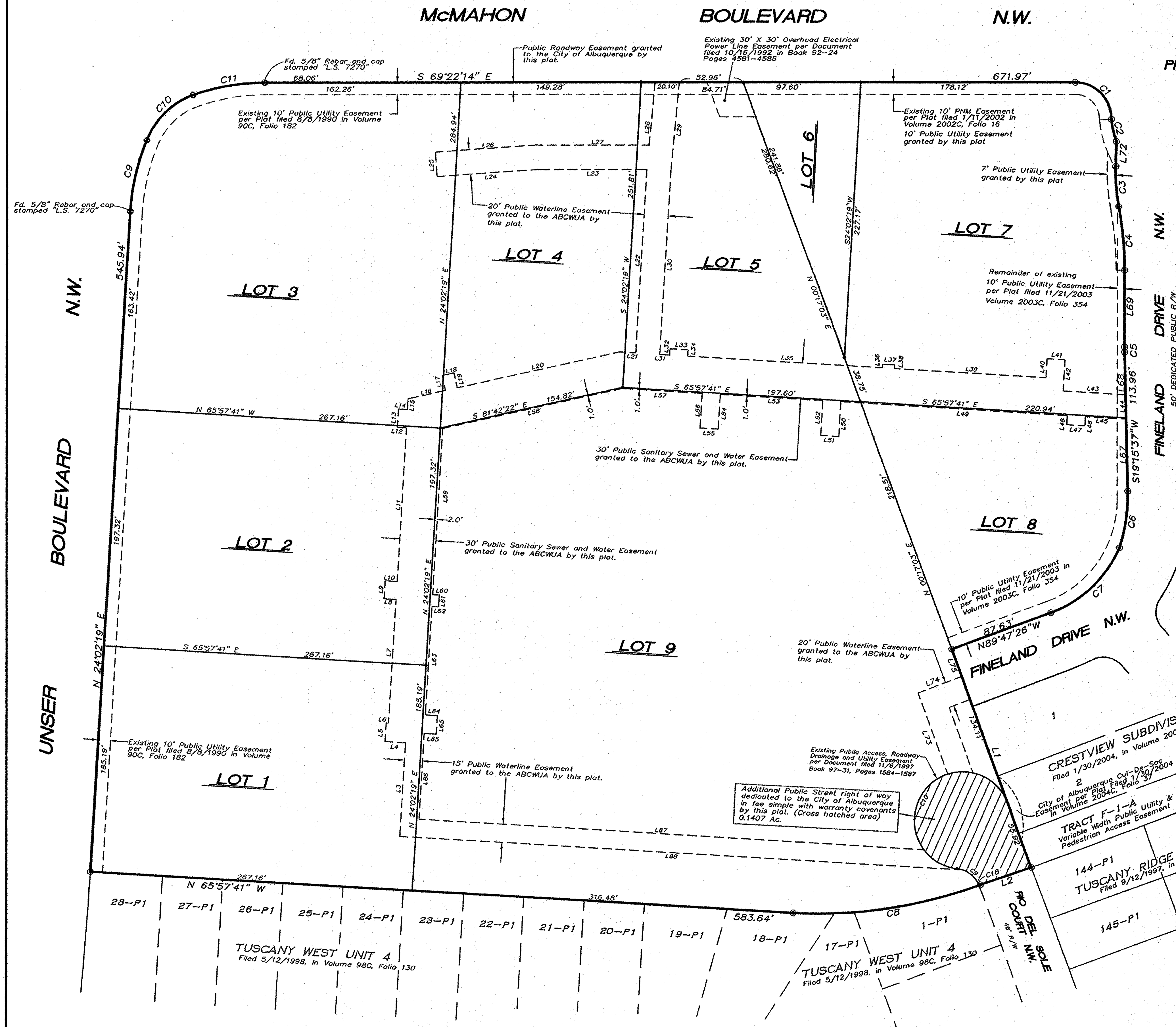
(IN FEET)
1 inch = 60 ft.

SHEET 4 OF 6

SURV TEK, INC.

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





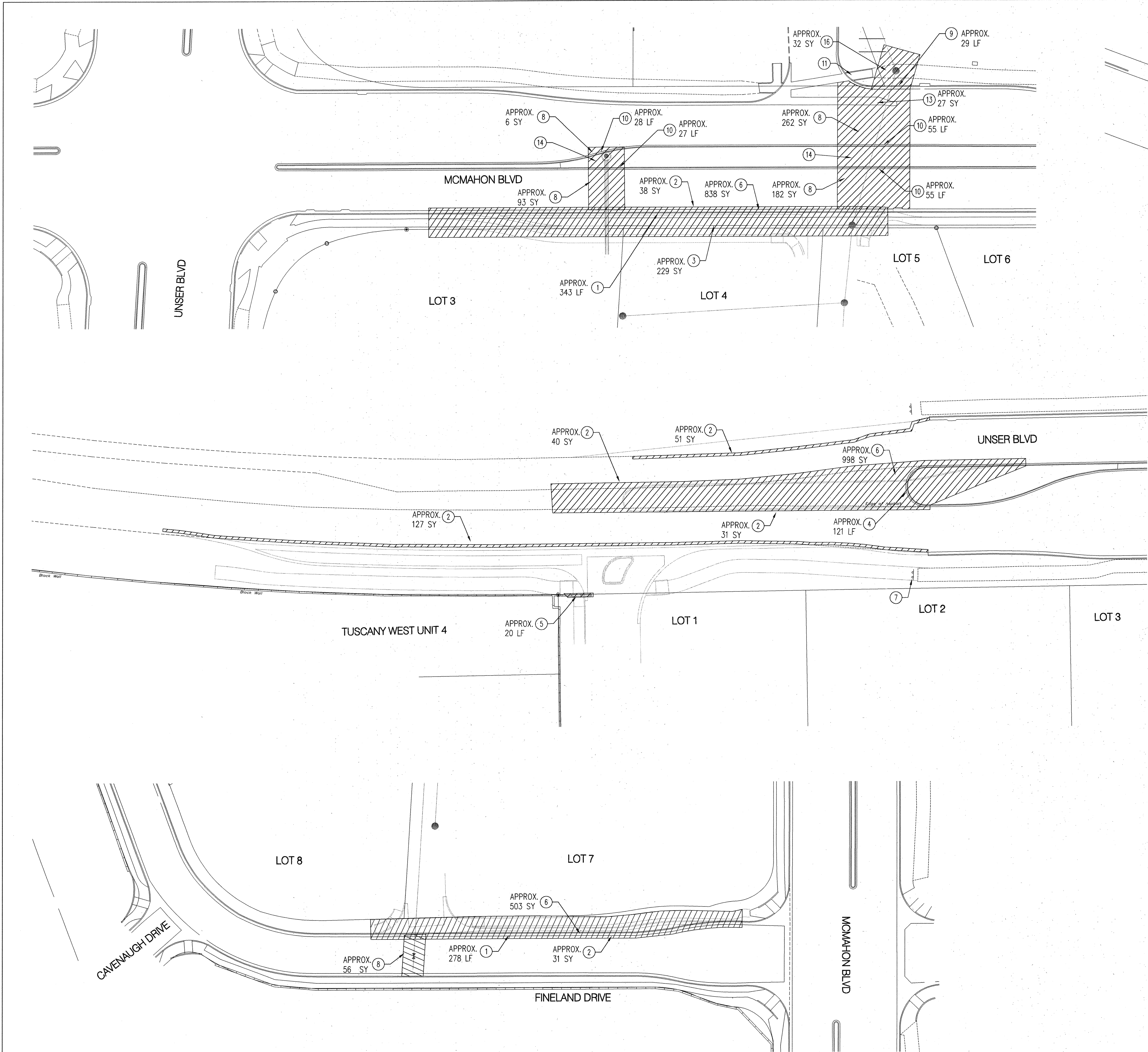
PLAT OF
McMAHON MARKETPLACE
(BEING A REPLAT OF TRACT 16A-1, PARADISE NORTH
AND TRACT E-1-A-1, CRESTVIEW SUBDIVISION)
WITHIN
THE TOWN OF ALAMEDA GRANT
IN
PROJECTED SECTION 2, TOWNSHIP 11 NORTH, RANGE 2 EAST
NEW MEXICO PRINCIPAL MERIDIAN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
FEBRUARY , 2009

DOCH 2010096126
09/24/2010 10:55 AM Page: 6 of 6
tyPLAT R:532.00 B: 2010C P: 0112 M. Toulouse Olivere, Bernalillo Cour

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	CHORD BEARING	DELTA
C1	47.18'	30.00'	30.05'	42.46'	S24°24'44"E	90°06'00"
C2	18.46'	77.37'	9.27'	18.42'	S07°53'41"W	13°40'12"
C3	33.47'	159.00'	16.80'	33.41'	S16°08'49"W	12°03'38"
C4	53.42'	291.00'	26.78'	53.34'	S15°22'31"W	10°31'02"
C5	4.10'	171.50'	2.05'	4.10'	S19°56'38"W	1°22'15"
C6	47.87'	141.04'	24.17'	47.64'	S28°58'54"W	19°26'47"
C7	80.79'	100.00'	42.75'	78.61'	S67°03'48"W	46°17'22"
C8	158.22'	380.00'	80.27'	157.08'	N78°08'44"W	23°51'22"
C9	60.81'	180.00'	30.70'	60.52'	N33°43'00"E	19°21'21"
C10	54.32'	65.00'	28.86'	52.76'	N67°09'36"E	47°53'03"
C11	60.81'	180.00'	30.70'	60.52'	S79°02'55"E	19°21'21"
C12	169.75'	40.00'	65.08'	68.16'	S58°42'28"W	243°09'10"
C13	24.25'	22.00'	13.52'	23.04'	N31°18'07"W	63°09'11"
C14	1.30'	31301.99'	0.65'	1.30'	S89°58'35"E	0°00'09"
C15	19.38'	150.47'	9.71'	19.37'	N59°18'25"W	7°22'53"
C16	36.50'	157.62'	18.33'	36.42'	S62°45'42"E	13°16'06"
C17	11.34'	24.00'	5.78'	11.23'	S87°02'51"W	27°04'17"
C18	12.93'	55.50'	6.50'	12.90'	N17°21'47"E	13°21'04"
C19	13.50'	17.38'	7.11'	13.17'	S46°17'40"W	44°30'41"

LINE TABLE		
LINE	LENGTH	BEARING
L1	190.03'	S00°17'03"W
L2	44.70'	N88°55'57"W
L3	76.56	N24°02'13"E
L4	17.00	N65°57'47"W
L5	15.00	N24°02'13"E
L6	2.00	S65°57'46"E
L7	102.27	N24°02'13"E
L8	9.95	N65°57'47"W
L9	15.00	N24°02'13"E
L10	9.95	S65°57'47"E
L11	127.16	N24°02'13"E
L12	7.49	N65°57'47"W
L13	15.00	N23°43'59"E
L14	7.57	S65°57'47"E
L15	8.89	N24°02'13"E
L16	31.60	S81°41'46"E
L17	12.61	N08°18'14"E
L18	10.00	S81°41'54"E
L19	12.61	S08°18'14"W
L20	137.76	S81°41'46"E
L21	13.29	S65°59'35"E
L22	152.30	N24°03'13"E
L23	89.63	N69°20'53"W
L24	84.28	N73°12'26"W
L25	20.00	N16°47'03"E
L26	83.48	S73°16'29"E
L27	93.68	S69°21'48"E
L28	51.13	N26°13'17"E
L29	71.23	S26°13'17"W
L30	153.50	S24°03'13"W
L31	8.16	S65°49'57"E
L32	5.00	N24°02'19"E
L33	15.00	S65°57'41"E
L34	5.00	S24°02'19"W
L35	161.88	S65°57'41"E
L36	3.00	N24°03'13"E
L37	10.00	S65°57'41"E
L38	3.00	S24°03'13"W
L39	126.00	S65°57'41"E
L40	15.72	N24°02'19"E
L41	15.00	S65°57'41"E
L42	25.72	S24°02'19"W
L43	51.96	S65°57'41"E
L44	20.06	S19°15'31"W

LINE TABLE		
LINE	LENGTH	BEARING
L45	33.94	N67°46'41"W
L46	7.41	S24°02'19"W
L47	15.00	N65°57'41"W
L48	7.41	N24°02'19"E
L49	188.42	N65°57'41"W
L50	28.42	S24°02'19"W
L51	15.00	N65°57'41"W
L52	28.42	N24°02'19"E
L53	85.23	N65°57'41"W
L54	28.42	S24°02'19"W
L55	15.00	N65°57'41"W
L56	28.42	N24°02'19"E
L57	66.22	N65°57'41"W
L58	152.50	N81°41'46"W
L59	137.64	S24°02'13"W
L60	5.49	S65°53'36"E
L61	10.00	S24°02'19"W
L62	5.49	N65°53'36"W
L63	89.66	S24°02'13"W
L64	10.01	S65°57'47"E
L65	15.00	S24°02'13"W
L66	109.85'	S24°02'13"W
L67	15.00'	S00°17'03"W
L68	21.10'	N89°45'54"W
L69	63.28'	S20°38'02"W
L70	23.44'	N69°22'14"W
L71	50.24'	N26°13'17"E
L72	20.41'	S22°10'38"W
L73	70.20'	S00°02'17"E
L74	38.70'	S89°45'54"E
L75	23.91'	S00°17'03"W
L76	41.41	S00°10'36"W
L77	17.44	S89°47'26"E
L78	6.29	N24°02'19"E
L79	50.16	N21°19'49"E
L80	9.83	N14°37'16"W
L81	7.47	N24°02'19"E
L82	83.17	N24°02'19"E
L83	21.28	S70°27'45"E
L84	35.72	S70°27'45"E
L85	10.01	N65°57'47"W
L86	69.87	S24°02'13"W
L87	419.33	S65°57'41"E
L88	467.39	N65°57'41"W



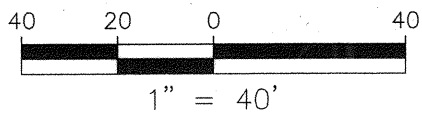
DEMOLITION KEYED NOTES

1. REMOVE AND DISPOSE OF EXISTING CURB & GUTTER.
2. SAWCUT 1' EXISTING PAVEMENT AND REPLACE WITH NEW PAVEMENT PER COA STD DWG 2465.
3. REMOVE AND DISPOSE EXISTING SIDEWALK.
4. REMOVE AND DISPOSE MEDIAN CURB & GUTTER.
5. REMOVE AND DISPOSE BLOCK WALL.
6. REMOVE & DISPOSE GRADING <2'
7. REMOVE & RELOCATE EXISTING SIGN.
8. SAWCUT REMOVE & REPLACE PAVEMENT PER COA STD. DWG 2465 (MCMAHON BLVD. - ARTERIAL, CROWN DRIVE - RESIDENTIAL)
- * 9. SAWCUT REMOVE & REPLACE CURB & GUTTER PER COA STD. DWG 2415A
- * 10. SAWCUT REMOVE & REPLACE MEDIAN CURB & GUTTER PER COA STD. DWG 2415B
11. REMOVE & REPLACE ENTIRE RAMP PER COA STD. DWG. 2441 IF NECESSARY. MATCH EXISTING COLOR AND PATTERN
12. REMOVE & REPLACE SIDEWALK PER COA STD. DWG. 2430
13. REMOVE & REPLACE VALLEY GUTTER PER COA STD. DWG. 2420
14. REMOVE & REPLACE LANDSCAPING
15. REMOVE & REPLACE ENTIRE RAMP PER DETAIL RAMP 'F' ON SHEET 13
16. REMOVE & REPLACE ASPHALT TRAIL PER DETAIL ON SHEET 7

* SAWCUT AT JOINTS ONLY

NOTE:
ALL INFRASTRUCTURE SHALL BE REPLACED IN LIKE KIND. CONTRACTOR SHALL TAKE NECESSARY STEPS TO INSURE THIS HAPPENS

AREA OF DEMOLITION



RECORD DRAWINGS

ENGINEER'S SEAL										SURVEY INFORMATION			BENCH MARKS			AS-BUILT INFORMATION		
										FIELD NOTES		ALBUQUERQUE CONTROL STATION MONUMENT "9-A1"		CONTRACTOR <u>Jason b Smith</u> CREATED DATE <u>Nov 2010</u>				
										NO.	BY	DATE	NEW MEXICO STATE PLANE COORDINATES		STARTED BY <u>Jason b Smith</u> DATE <u>Nov 2010</u>			
													CENTRAL ZONE (NAD 83)		INSPECTOR'S ACCEPTANCE BY <u>BHJ</u> DATE <u>Nov 2010</u>			
													NORTH = 1,533,206.142		VERIFICATION BY <u>BHJ</u> DATE <u>Nov 2010</u>			
													EAST = 1,506,571.019		DRAWINGS CORRECTED BY <u>BHJ</u> DATE <u>Nov 2010</u>			
												ELEVATION = 5,301.647 (NAVD 1988)		MICRO-FILM INFORMATION				
												DELTA ALPHA = -0015'30.20"		RECORDED BY				
												GROUND TO GRID FACTOR = 0.999670857		DATE				
														NO.				
REMARKS REVISIONS DESIGN										DESIGNED BY BCP		DATE 03/2010						
										DRAWN BY ARR		DATE 03/2010						
										CHECKED BY YPM		DATE 03/2010						

LEGEND	
	PROPOSED R/W LINE
	PROPERTY LINE
	PROPOSED STANDARD CURB & GUTTER
	PROPOSED MOUNTABLE MEDIAN CURB & GUTTER
	EASEMENT
	PROPOSED STORM DRAIN MANHOLE
	PROPOSED STORM DRAIN INLET
	PROPOSED FIRE HYDRANT
	PROPOSED MAIN VALVE
	PROPOSED SAS MANHOLE

ALL STORM DRAIN SHALL
BE RCP CLASS III

UNSER BLVD

37'

30'

10' ASPHALT TRAIL

STD. CURB & GUTTER

MEDIAN CURB & GUTTER

6' VALLEY GUTTER

4' WIDE VALLEY GUTTER

DEPRESSED CURB & GUTTER

10' ASPHALT TRAIL

TRAIL NOT BUILT AS PART OF THIS PROJECT

6' SIDEWALK

24" SD

45'

4' WIDE VALLEY GUTTER

6' VALLEY GUTTER

6' SIDEWALK

DEPRESSED CURB & GUTTER

MCMAHON BLVD

STD. CURB & GUTTER

6' SIDEWALK

36'

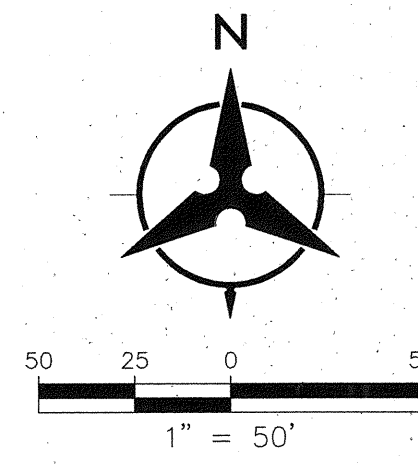
48'

FINELAND DRIVE

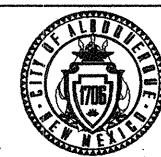
ADD PEDESTRIAN ACCESS EASEMENT

FOR STREET CROSS
SECTIONS, SEE SHEET 14

RECORD DRAWINGS



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



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

CVS PHARMACY MCMAHON / UNSER BLVD.
OVERALL PAVING PLAN

DESIGN REVIEW COMMITTEE
APPROVED
MAY 12 2011
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVED
JUN 06 2011
CITY ENGINEER

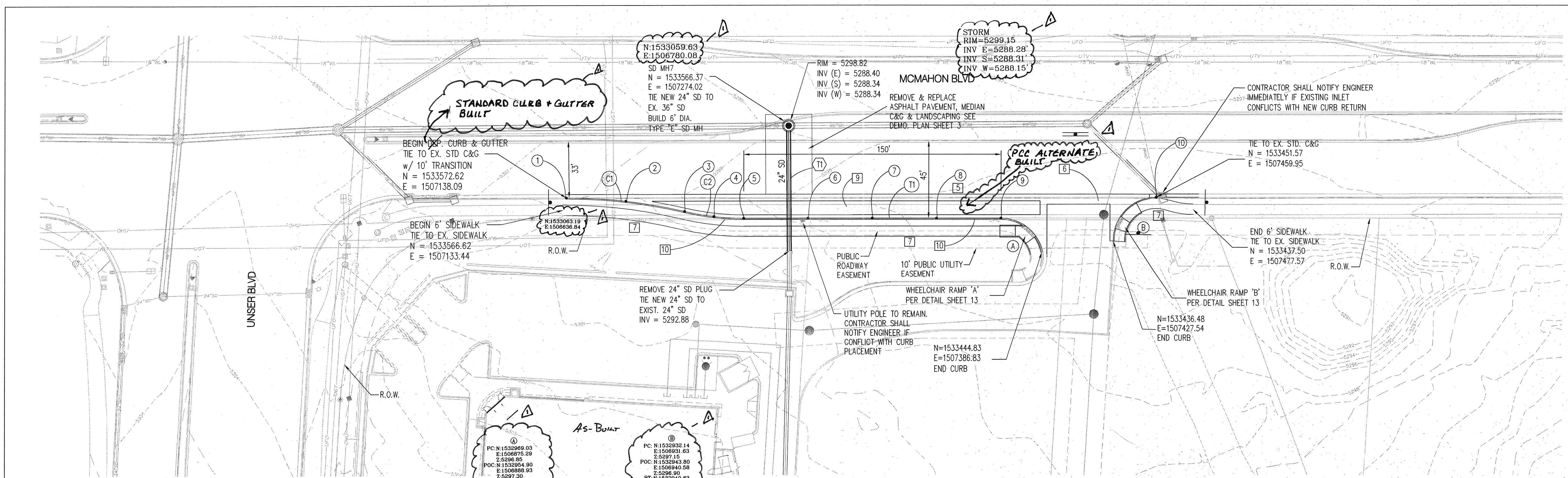
LAST DESIGN
UPDATE

MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	777283	ZONE MAP NO.	A-11	SHEET	4	OF	17
------------------	--------	--------------	------	-------	---	----	----

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		RECORD DRAWINGS	
CONTRACTOR	DATE	ALBUQUERQUE CONTROL STATION MONUMENT "9-A11"	DATE	FIELD NOTES	DATE	NEW MEXICO PROFESSIONAL ENGINEER SEAL	NO.	REMARKS	BY
INSPECTED BY	DATE	NEW MEXICO STATE PLANE COORDINATES	DATE						
ACCEPTANCE BY	DATE	CENTRAL ZONE (NAD 83)	DATE						
VERIFICATION BY	DATE	NORTH = 1533,206.142	DATE						
DESIGNED BY	DATE	EAST = 1,506,571.019	DATE						
DRAWN BY	DATE	ELEVATION = 5,301.647 (NAVD 1988)	DATE						
CHECKED BY	DATE	DELTA ALPHA = -001530.20"	DATE						
RECORDED BY	DATE	GROUND TO GRID FACTOR = 0.999670857	DATE						

DESIGN - GROUND
AS-BUILT - GRID



GENERAL NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- 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 PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (C&G), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- FOR CURB RETURN & QUARTER POINT ELEV INFO REFER TO INDIVIDUAL PAVING SHEETS.
- MH RIMS & CATCH BASIN INLET ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

ID	ARC	RADIUS	DELTA	TANGENT
C1	69.52'	300.00'	13°16'41"	34.92'
C2	34.74'	150.00'	13°16'08"	17.45'

ID	BEARING	LENGTH
T1	N69°22'14"W	150.00'

ID	NORTHING	EASTING	ELEVATION
1	1533572.62	1507138.09	5300.16
2	1533558.52	1507169.84	5299.71
3	1533540.85	1507199.75	5299.26
4	1533532.02	1507214.70	5299.03
5	1533524.97	1507230.56	5298.81
6	1533511.76	1507265.66	5298.26
7	1533498.55	1507300.76	5297.75
8	1533485.34	1507335.85	5297.35
9	1533472.12	1507370.95	5297.09
10	1533451.57	1507459.95	5296.15

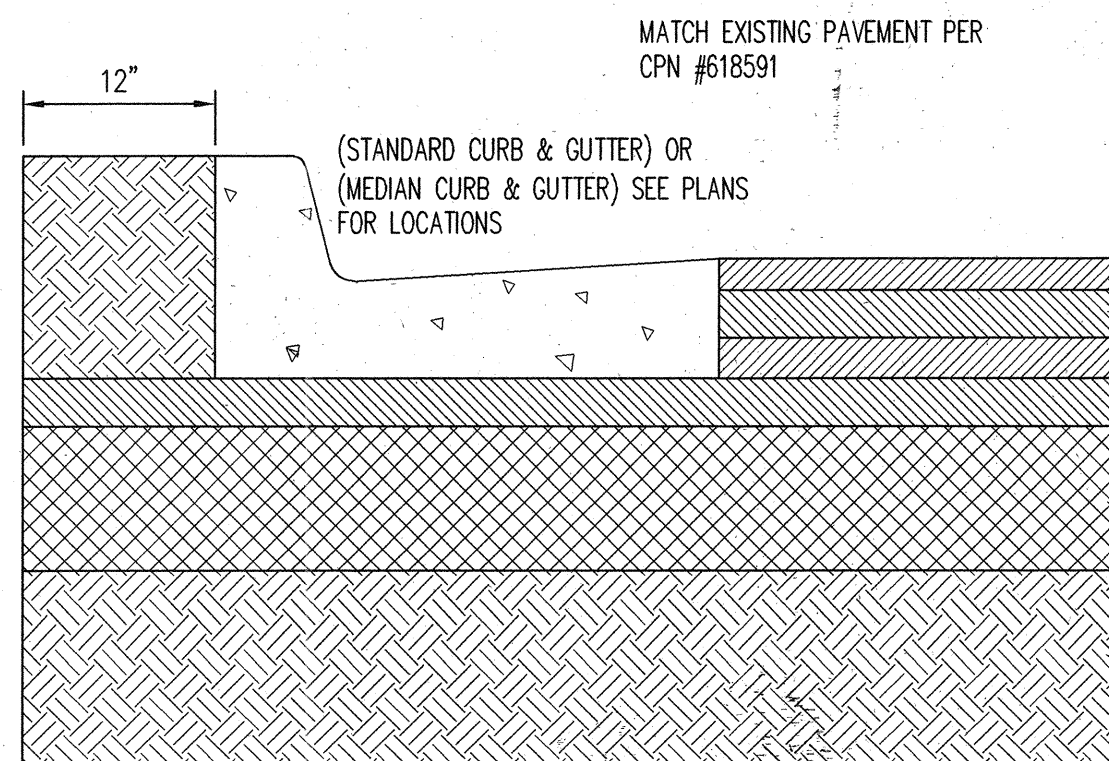
POINT	NORTHING	EASTING	ELEVATION
1	1533070.068	1506639.577	5300.43
2	1533048.165	1506687.157	5299.51
5	1533017.783	1506747.915	5298.44
9	1532969.032	1506875.295	5296.85

PC	97.09	D = 78°20'01"
1	97.04	R = 25.00'
2	97.00	T = 20.37'
3	97.13	L = 34.18'
PT	97.27	C = 31.58'
PI	96.81	

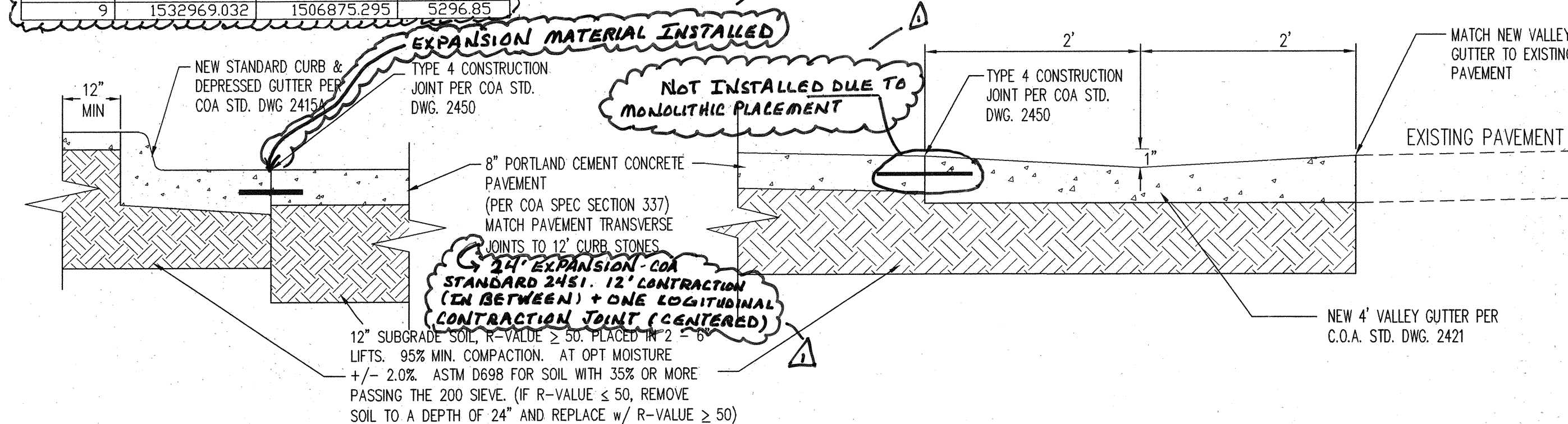
PC	96.74	D = 91°16'58"
1	96.62	R = 25.00'
2	96.50	T = 25.57'
3	96.32	L = 39.83'
PT	96.15	C = 35.75'
PI	96.43	

ID	Q (cfs)	V (ft/s)	d (ft)	SLOPE
T1	28.48	18.23	0.99	6.22%

ID	BEARING	LENGTH
T1	N20°14'44"E	73.25'



MCMAHON AND UNSER PAVEMENT SECTION
N.T.S. (PER C.O.A. STD. DWG. 2407)

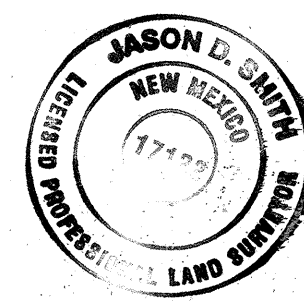
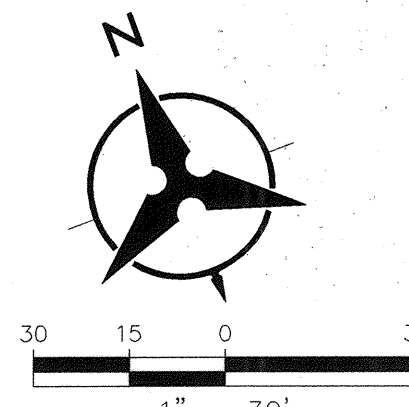


RIGHT TURN LANE, CONCRETE PAVEMENT SECTION (ALTERNATE)
N.T.S. (PER CPN# 724687)

RECORD DRAWINGS

KEYED NOTES

- STD. CURB & GUTTER PER COA STD. DWG 2415A
- MEDIAN CURB & GUTTER PER COA STD. DWG 2415A
- 10' ASPHALT TRAIL PER DETAIL SHEET 7
- WHEEL CHAIR RAMP
- 4' WIDE CONCRETE VALLEY GUTTER PER COA STD DWG 2420
- 6' CONCRETE VALLEY GUTTER PER COA STD DWG 2420
- 6' WIDE SIDEWALK PER COA STD DWG 2430
- 4' WIDE SIDEWALK PER COA STD DWG 2430
- ASPHALT PAVEMENT PER PAVEMENT SECTION DETAIL THIS SHEET (SHADED AREA)
- DEPRESSED CURB & GUTTER PER COA STD. DWG 2415A



Jason D. Smith
8/25/2011

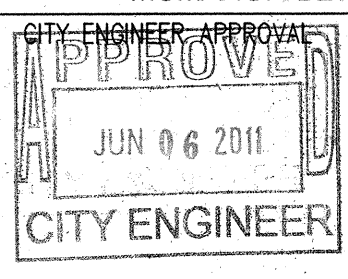
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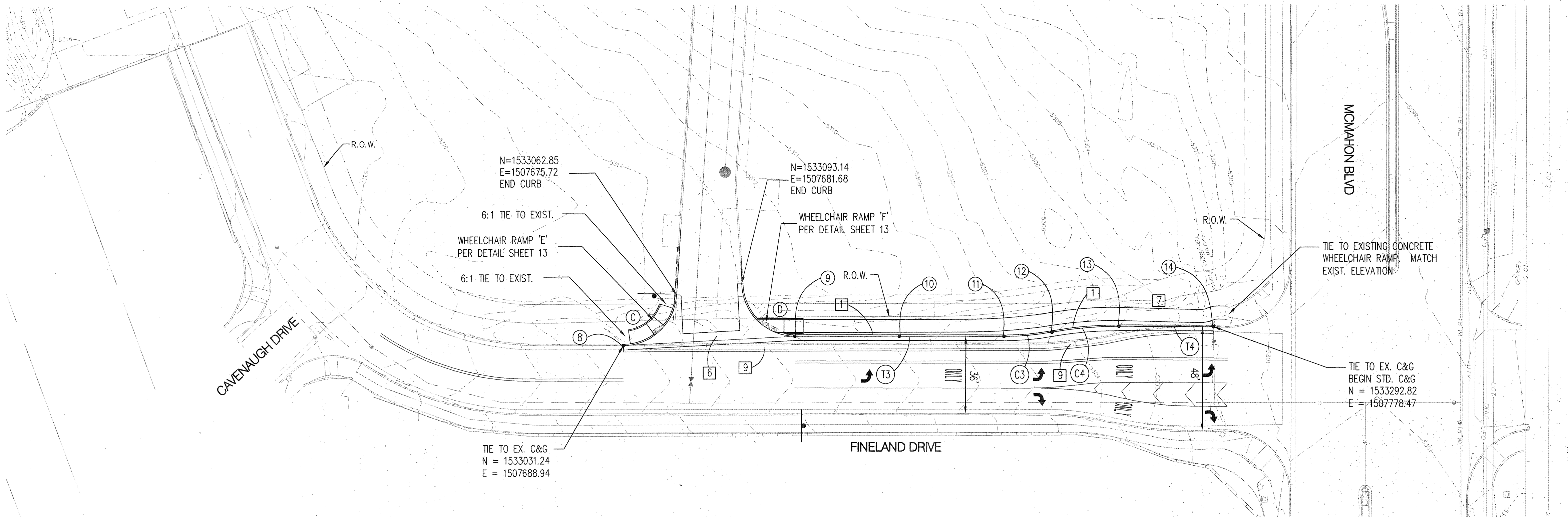
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT

CVS PHARMACY MCMAHON / UNSER BLVD.
PAVING PLAN
MCMAHON BLVD.



LAST DESIGN UPDATE

CITY PROJECT NO.	777283	ZONE MAP NO.	A-11	SHEET	5	OF	17
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Tangent Table		
ID	BEARING	LENGTH
T3	S20°47'09\"W	97.99'
T4	S20°53'50\"W	44.25'

Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C3	22.58'	126.00'	10°15'59\"	11.32'
C4	31.52'	174.00'	10°22'40\"	15.80'

CURB Point Table			
POINT	NORTHING	EASTING	ELEVATION
8	1533031.24	1507688.94	5311.45
9	1533107.86	1507713.31	5308.50
10	1533153.67	1507730.70	5306.85
11	1533199.48	1507748.09	5305.12
12	1533221.19	1507754.17	5304.25
13	1533251.48	1507762.69	5303.19
14	1533292.82	1507778.47	5302.06

CURB POINT TABLE			
POINT	NORTHING	EASTING	ELEVATION
9	1532604.187	1507217.892	5308.51
11	1532698.049	1507253.725	5305.21
12	1532721.373	1507259.701	5304.22
13	1532745.116	1507266.456	5303.43
14	1532782.429	1507280.644	5302.05

KEYED NOTES

- STD. CURB & GUTTER PER COA STD. DWG 2415A
- MEDIAN CURB & GUTTER PER COA STD. DWG 2415A
- 10' ASPHALT TRAIL PER DETAIL SHEET 7
- WHEEL CHAIR RAMP
- 4' WIDE CONCRETE VALLEY GUTTER PER COA STD DWG 2420
- 6' CONCRETE VALLEY GUTTER PER COA STD DWG 2420
- 6' WIDE SIDEWALK PER COA STD DWG 2430
- 4' WIDE SIDEWALK PER COA STD DWG 2430
- ASPHALT PAVING PER PAVEMENT SECTION THIS SHEET (SHADED AREA)

GENERAL NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- 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 PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES, (C&G, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- FOR CURB RETURN & QUARTER POINT ELEV INFO REFER TO INDIVIDUAL PAVING SHEETS.
- MH RIMS & CATCH BASIN INLET ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.
- STREET LIGHT LAYOUT AND DESIGN WILL BE BY SEPARATE PLAN SET.

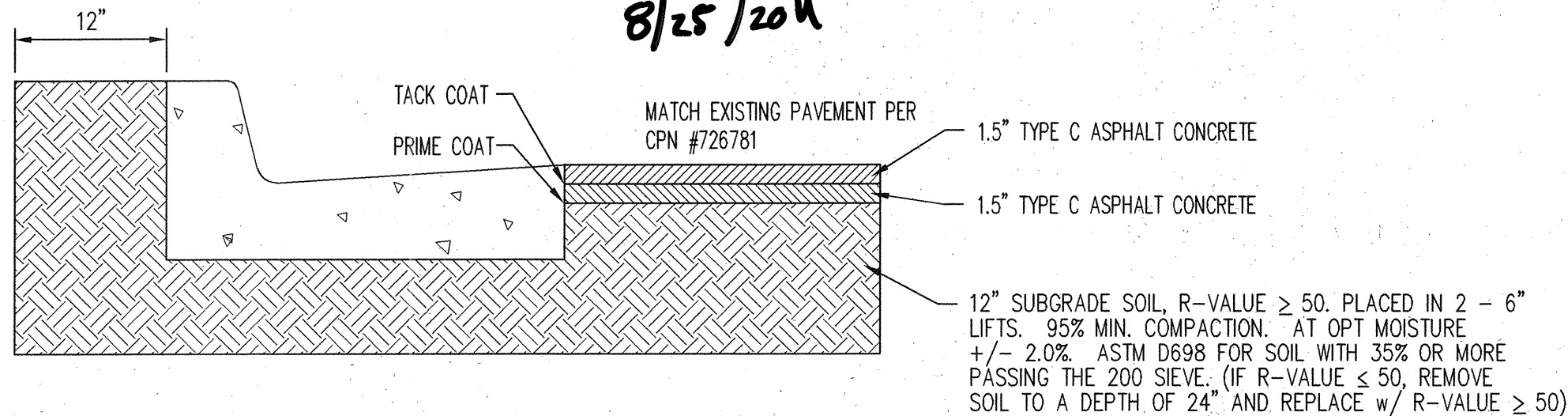
FLOWLINE DATA FOR CURB RETURN		
PC	10.74	D = 86°30'55\"
1	10.64	R = 25.00'
2	10.57	T = 23.52'
3	10.62	L = 37.75'
PT	10.70	C = 34.26'
PI	10.40	

PC N=1533062.85 E=1507675.72
PT N=1533031.24 E=1507688.94
PI N=1533056.13 E=1507696.86
RAD N=1533040.02 E=1507665.54

FLOWLINE DATA FOR CURB RETURN		
PC	08.50	D = 88°30'49\"
1	08.99	R = 25.00'
2	09.43	T = 24.36'
3	09.54	L = 38.62'
PT	09.64	C = 34.89'
PI	09.31	

PC N=1533107.86 E=1507713.31
PT N=1533093.14 E=1507681.68
PI N=1533085.36 E=1507706.15
RAD N=1533116.74 E=1507669.94

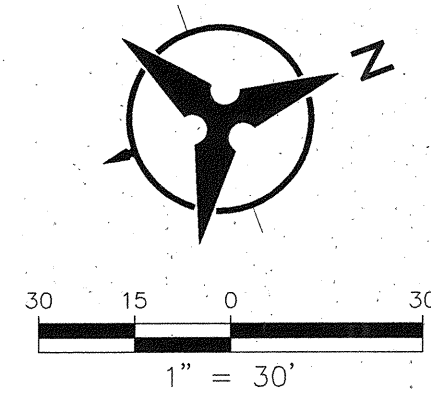
PC: N1532559.86 E1507179.11 Z5310.67 POC: N1532546.86 E1507192.62 Z5310.69 PT: N1532527.23 E1507189.39 Z5311.96	AS-BUILT	PC: N1532604.19 E1507217.89 Z5308.51 POC: N1532591.35 E1507206.49 Z5309.54 PT: N1532588.91 E1507187.07 Z5308.68
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FINELAND PAVEMENT SECTION
N.T.S. (PER C.O.A. STD. DWG. 2405A)



Jason D. Smith
8/25/2011



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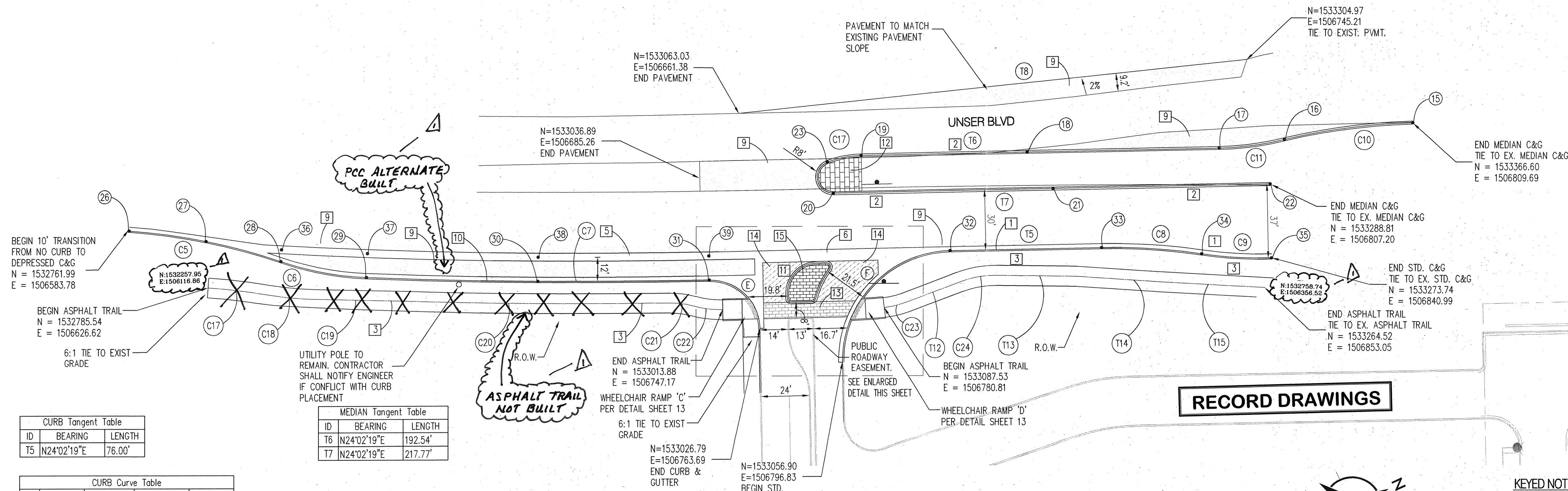
CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

CVS PHARMACY MCMAHON / UNSER BLVD.
PAVING PLAN
FINELAND DRIVE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAY 12 2011 DESIGN REVIEW COMMITTEE	APPROVED JUN 06 2011 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
777283	A-11	6	17

BH JOB NO. 090090



ID	BEARING	LENGTH
T5	N24°02'19"E	76.00'

ID	ARC	RADIUS	DELTA	TANGENT
C5	77.84'	300.00'	14°51'58"	39.14'
C6	43.80'	150.00'	16°43'43"	22.05'
C7	171.85'	2923.00'	03°22'07"	85.95'
C8	50.28'	300.00'	09°36'11"	25.20'
C9	35.13'	200.00'	10°03'56"	17.61'

ID	NORTHING	EASTING	ELEVATION
26	1532761.99	1506583.78	5320.63
27	1532794.58	1506605.01	5319.71
28	1532824.14	1506630.28	5318.79
29	1532859.51	1506655.85	5317.76
30	1532936.29	1506694.41	5316.02
31	1533014.18	1506730.69	5314.39
32	1533129.53	1506769.01	5311.62
33	1533198.94	1506799.96	5310.64
34	1533242.93	1506824.19	5309.16
35	1533273.74	1506840.99	5308.18
36	1532826.98	1506825.02	5318.68
37	1532865.05	1506645.21	5317.62
38	1532941.52	1506683.60	5315.85
39	1533019.09	1506719.74	5314.23

POINT	NORTHING	EASTING	ELEVATION
26	1532258.344	1506098.250	5320.67
27	1532299.132	1506116.046	5319.57
28	1532333.409	1506146.171	5318.47
29	1532355.690	1506160.386	5318.01
30	1532450.893	1506207.628	5315.75
31	1532509.681	1506234.923	5314.57
32	1532626.108	1506273.614	5312.09
33	1532673.195	1506293.698	5310.78
34	1532733.174	1506324.873	5309.19
35	1532769.363	1506345.083	5308.21

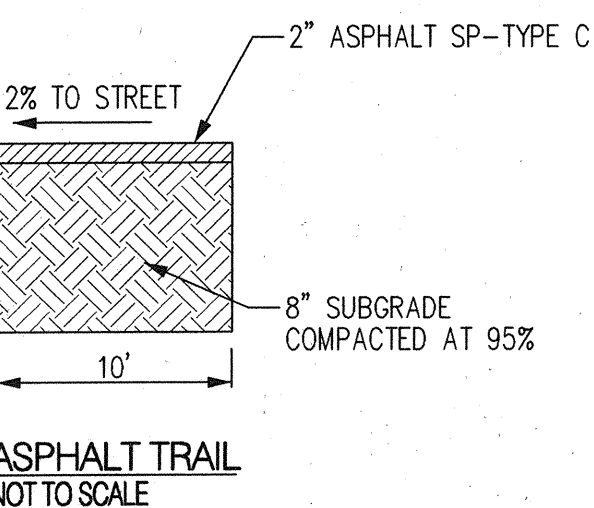
ID	BEARING	LENGTH
T6	N24°02'19"E	192.54'
T7	N24°02'19"E	217.77'

ID	ARC	RADIUS	DELTA	TANGENT
C10	64.99'	300.00'	12°24'43"	32.62'
C11	33.10'	150.00'	12°38'40"	16.62'
C17	17.35'	50.00'	19°52'44"	8.76'

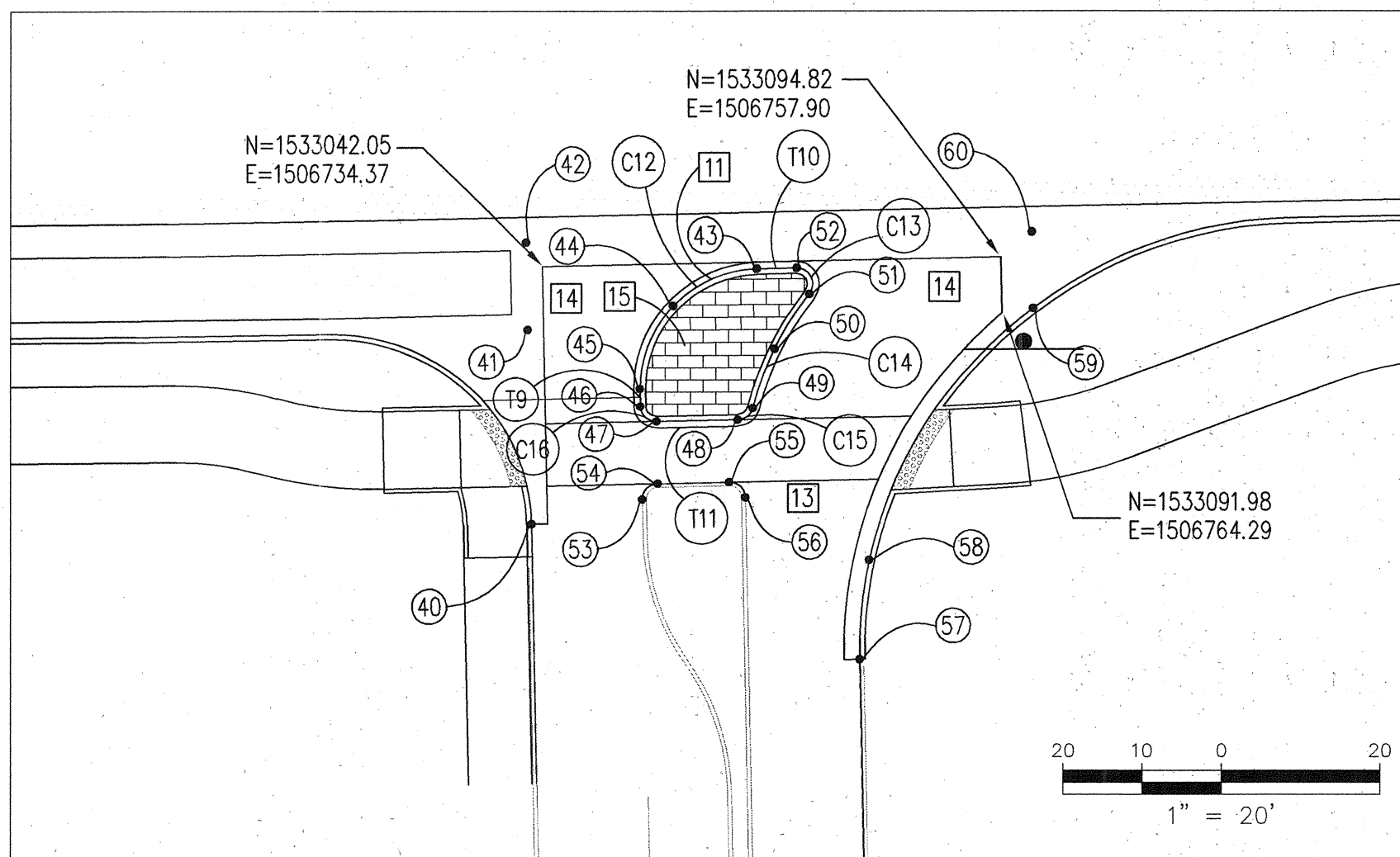
ID	NORTHING	EASTING	ELEVATION
15	1533366.60	1506809.69	5307.87
16	1533304.77	1506790.08	5308.91
17	1533273.31	1506780.02	5309.23
18	1533185.38	1506740.81	5310.29
19	1533109.36	1506706.90	5311.73
20	1533088.78	1506717.98	5313.00
21	1533189.37	1506717.98	5310.99
22	1533288.81	1506807.20	5308.95
23	1533092.62	1506702.70	5312.03

POINT	NORTHING	EASTING	ELEVATION
15	1532863.717	1506314.444	5307.63
16	1532798.186	1506293.601	5309.05
17	1532763.072	1506281.375	5309.28
18	1532684.480	1506246.498	5310.31
19	1532604.321	1506210.728	5311.93
20	1532585.181	1506222.727	5313.32
22	1532785.174	1506311.775	5309.06
23	1532593.631	1506207.398	5312.18

ID	BEARING	LENGTH
T8	S19°06'37"W	256.05'



ID	NORTHING	EASTING	ELEVATION
40	1533026.79	1506763.69	5314.12
41	1533037.00	1506740.80	5313.87
42	1533041.45	1506730.81	5313.73
43	1533066.37	1506746.12	5313.21
44	1533054.90	1506745.82	5313.52
45	1533046.57	1506753.71	5313.70
46	1533045.62	1506755.83	5313.70
47	1533046.63	1506758.47	5313.64
48	1533055.96	1506762.63	5313.28
49	1533058.35	1506762.05	5313.21
50	1533064.13	1506756.22	5313.10
51	1533071.06	1506751.80	5313.03
52	1533070.99	1506748.18	5313.10
53	1533040.73	1506766.79	5313.78
54	1533043.37	1506765.78	5313.72
55	1533051.59	1506769.44	5313.36
56	1533052.61	1506772.08	5313.36
57	1533056.90	1506796.83	5312.36
58	1533063.32	1506785.98	5312.63
59	1533095.86	1506765.40	5312.38
60	1533099.70	1506756.79	5312.34



GENERAL NOTES

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- WHEELCHAIR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
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KEYED NOTES

- STD. CURB & GUTTER PER COA STD. DWG 2415A
- MEDIAN CURB & GUTTER PER COA STD. DWG 2415B
- 10' ASPHALT TRAIL PER DETAIL THIS SHEET
- WHEEL CHAIR RAMP
- 4' WIDE CONCRETE VALLEY GUTTER PER COA STD DWG 2420
- BUILD 6" CONCRETE VALLEY GUTTER PER COA STD DWG 2420
- 6' WIDE SIDEWALK PER COA STD DWG 2430
- 4' WIDE SIDEWALK PER COA STD DWG 2430
- ASPHALT PAVEMENT PER PAVEMENT SECTION SEE SHEET 5 (SHADED AREA)
- DEPRESSED CURB & GUTTER PER COA STD. DWG 2415A
- MOUNTABLE ROLL CURB & GUTTER, DETAIL THIS SHEET
- BUILD 4" TEXTURED MEDIAN PAVEMENT AS PER COA STD. DWG. 2408 & 2502 WITH NECESSARY FILL, COMPLETE IN PLACE. PATTERN AND COLOR SHALL MATCH EXIST PATTERN AND COLOR AT MCMAHON AND UNSER
- BUILD 8" CONCRETE CROSSWALK PER DETAIL THIS SHEET
- ASPHALT PAVEMENT PER PAVEMENT SECTION SEE SHEET 5 (HATCHED AREA) OR CONCRETE ALTERNATE SEE CONCRETE PAVEMENT SECTION SHEET 5
- BUILD 6" TEXTURED MEDIAN PAVEMENT AS PER COA STD. DWG. 2408 & 2502 WITH NECESSARY FILL, COMPLETE IN PLACE. PATTERN AND COLOR SHALL MATCH EXIST PATTERN AND COLOR AT MCMAHON AND UNSER

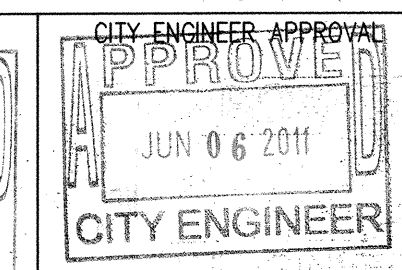


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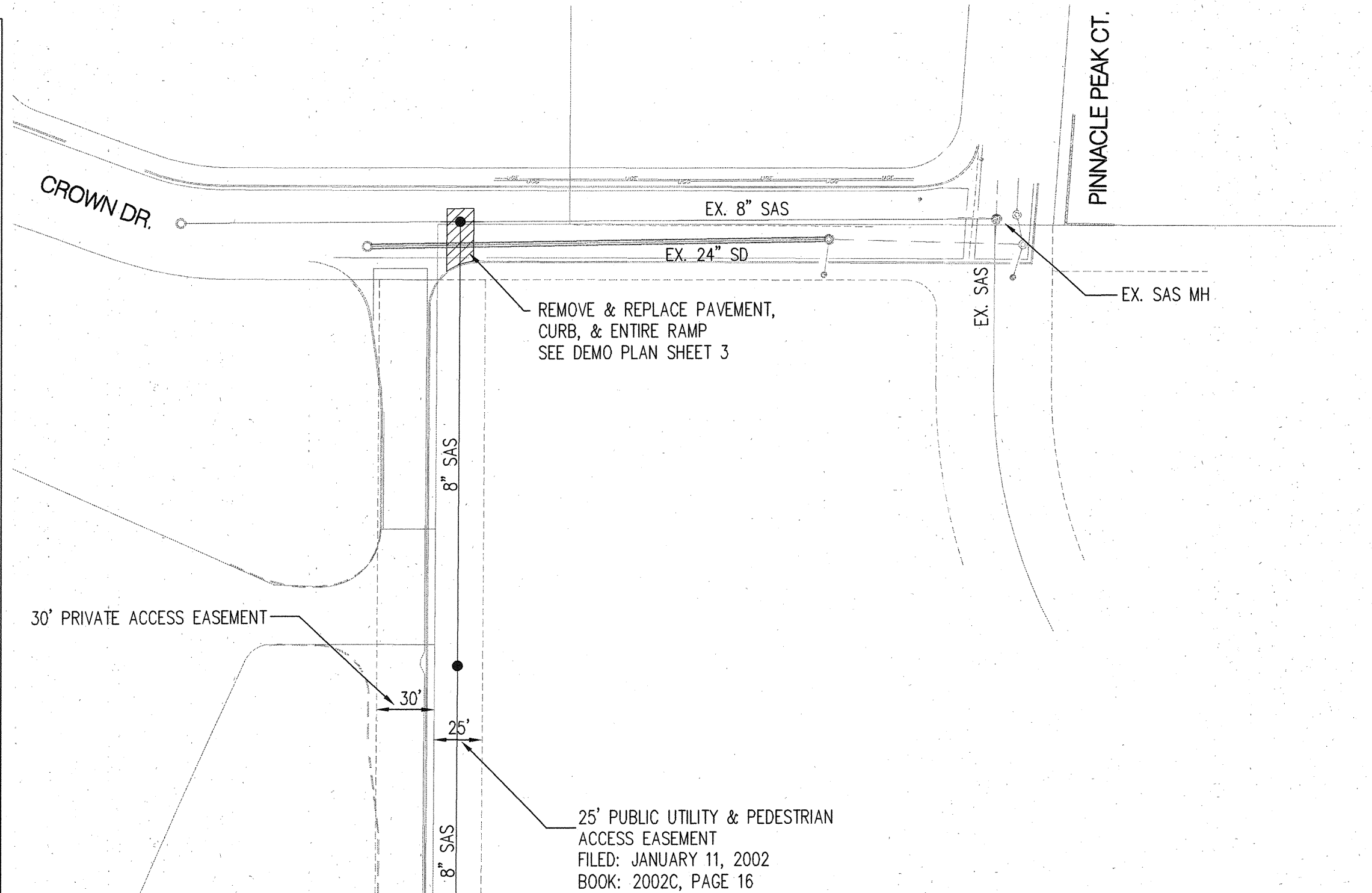
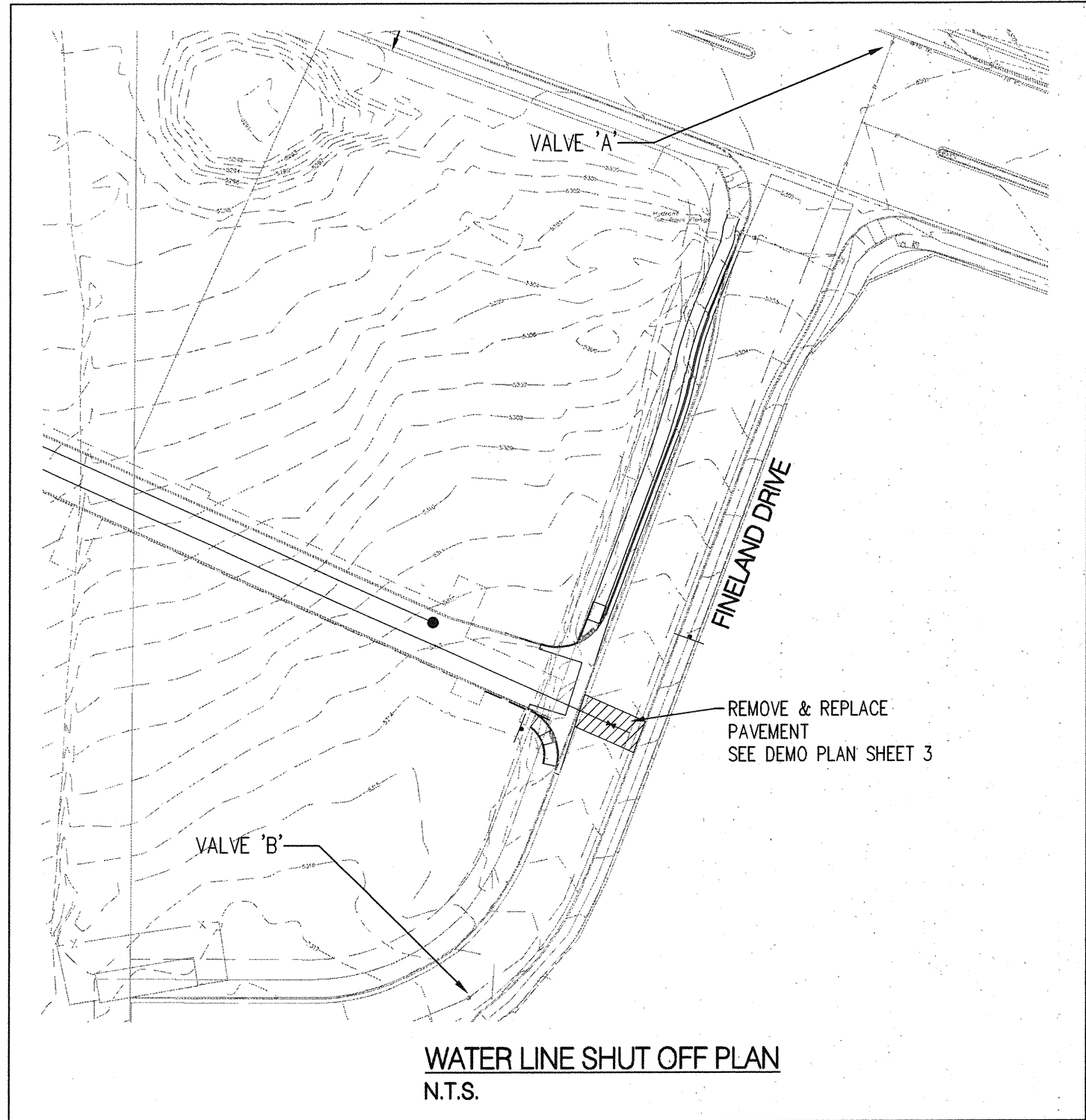


CITY OF ALBUQUERQUE
 DEPARTMENT OF MUNICIPAL DEVELOPMENT

CVS PHARMACY MCMAHON / UNSER BLVD.
 PAVING PLAN
 UNSER BLVD.



CITY PROJECT NO. 777283 ZONE MAP NO. A-11 SHEET 7 OF 17



MATERIALS:
SAS LINE: SDR-35 PVC
WATER LINE: C900-PVC (DR-18)
SD LINE: GLASS III RCP (UNLESS OTHERWISE NOTED ON PLANS)

WATER SHUT-OFF PLAN:
FOR CONNECTION McMahon Blvd & Fineland Dr VALVES CLOSED VALVE 'A' & 'B'

CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING, DISINFECTING, AND TESTING THE LINES AS REQUIRED BY THE ABCWA.

WATER SHUT-OFF REQUIREMENTS:
CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF CONNECTIONS. AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT ABCWA TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN. CONTRACTOR SHALL NOT OPERATE VALVES ON THE PROJECT.

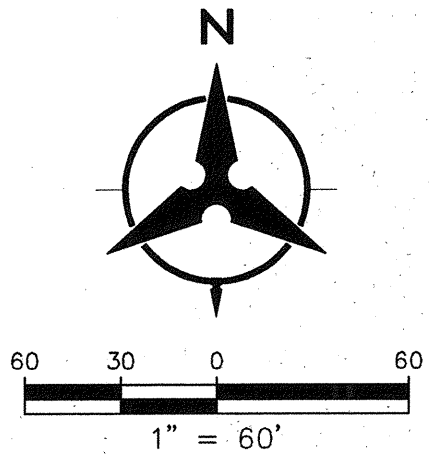
RECORD DRAWINGS

RESTRAINED JOINT TABLE

FITTING	LENGTH TO BE RESTRAINED			
	(4")	(6")	(8")	(12")
6" X 6" X 6" TEE		1		
8" X 8" X 4" TEE	1			
8" X 8" X 6" TEE		1		
8" X 8" X 8" TEE			4	
12" X 12" X 12" TEE				18
12" X 12" X 8" TEE			1	
12" X 12" X 6" TEE		1		
11.25" BEND	1	2	3	4
22.5" BEND	3	4	5	7
45" BEND	6	8	11	15
90" BEND	15	20	27	37
VALVE/DEAD END	39	55	73	104
6" X 4" REDUCER		29	31	
8" X 6" REDUCER				75
12" X 6" REDUCER				55

- NOTE:
- ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
 - THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS UNLESS SPECIFIED DIFFERENTLY IN THE PLANS. ALL PIPE JOINTS WITHIN 20 LF OF A MECHANICAL JOINT SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
 - THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE ACCOMPANYING TABLE.
 - THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
 - RESTRAINED LENGTH IS FROM LARGE SIDE ON ALL REDUCERS.
 - RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.
 - JOINT RESTRAINT LENGTH SHOWN FOR TEES REFERS TO THE BRANCH SECTION CASES.

LEGEND	
	PROPERTY LINE
	EXISTING EASEMENT
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING STORM DRAIN
	EXISTING WATER METER
	EXISTING CAP
	EXISTING VALVE
	EXISTING FIRE HYDRANT
	EXISTING SANITARY SEWER MANHOLE
	EXISTING STORM DRAIN
	PROPOSED SANITARY SEWER
	PROPOSED WATER LINE
	PROPOSED STORM DRAIN
	PROPOSED WATER METER
	PROPOSED VALVE
	PROPOSED HYDRANT
	PROPOSED CAP
	PROPOSED WATER METER
	PROPOSED SANITARY SEWER MANHOLE
	PROPOSED STORM DRAIN
	PROPOSED STREET LIGHT



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CVS PHARMACY MCMAHON / UNSER BLVD.
OVERALL UTILITY PLAN

DESIGN REVIEW COMMITTEE

MAY 13 2011
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

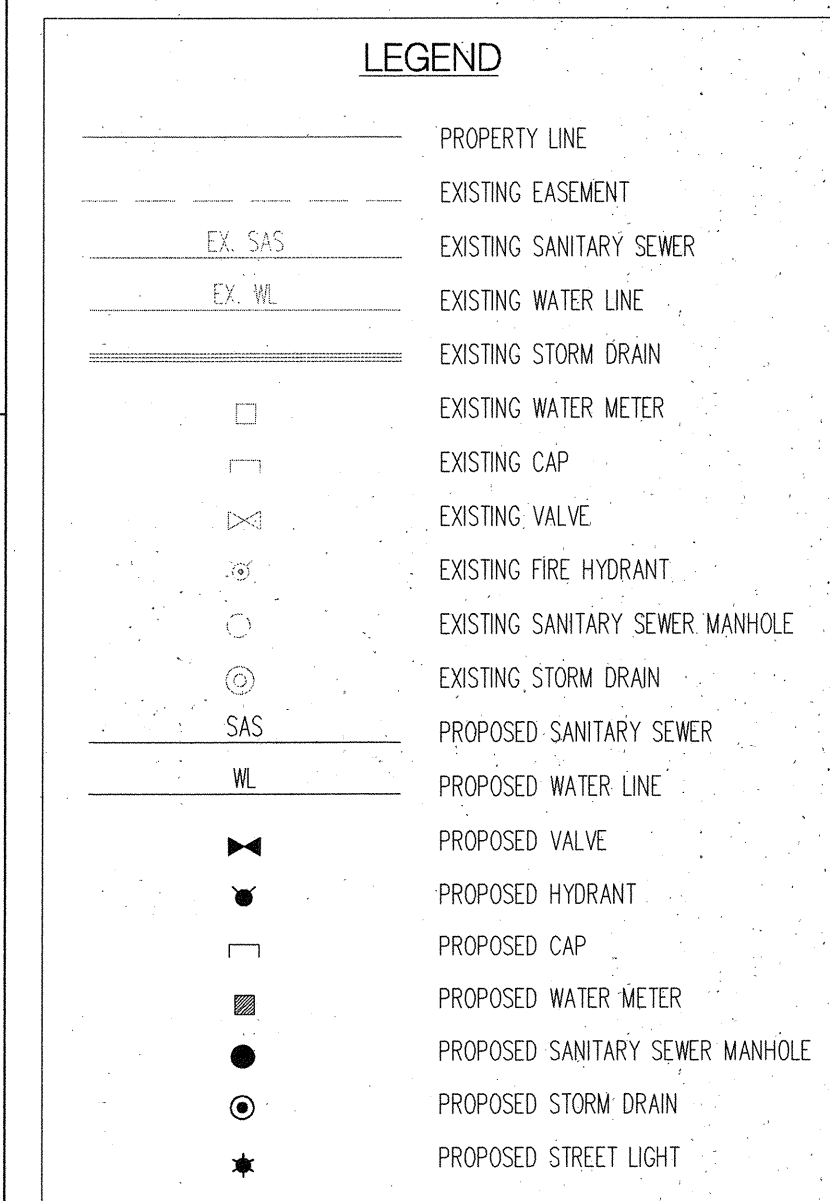
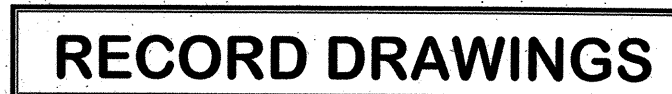
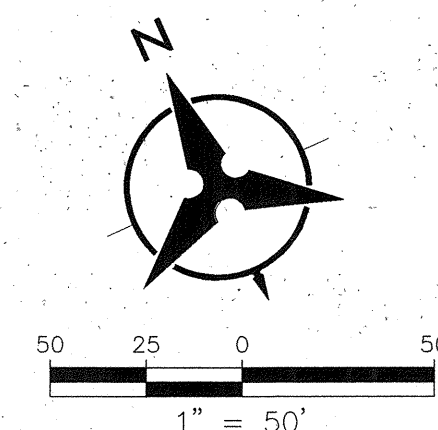
JUN 06 2011
CITY ENGINEER

LAST DESIGN UPDATE

CITY PROJECT NO.
777283

ZONE MAP NO.
A-11

SHEET
8 OF
17



GENERAL NOTE:
ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE "E" AS
PER COA STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED.

VALVES	PER STD. DWG.	2326 & 2328
MANHOLES	PER STD. DWG.	2101 & 2102
WATER SERVICE	PER STD. DWG.	2361, 2362, 2363 & 2368

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CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

CVS PHARMACY
UTILITY PLAN & PROFILE
SAS & WL ALIGNMENT A

DESIGN REVIEW COMMITTEE

APPROVE

MAY 12 2011

DESIGN
REVIEW COMMITTEE

CITY ENGINEER APPROVAL

APPROVED

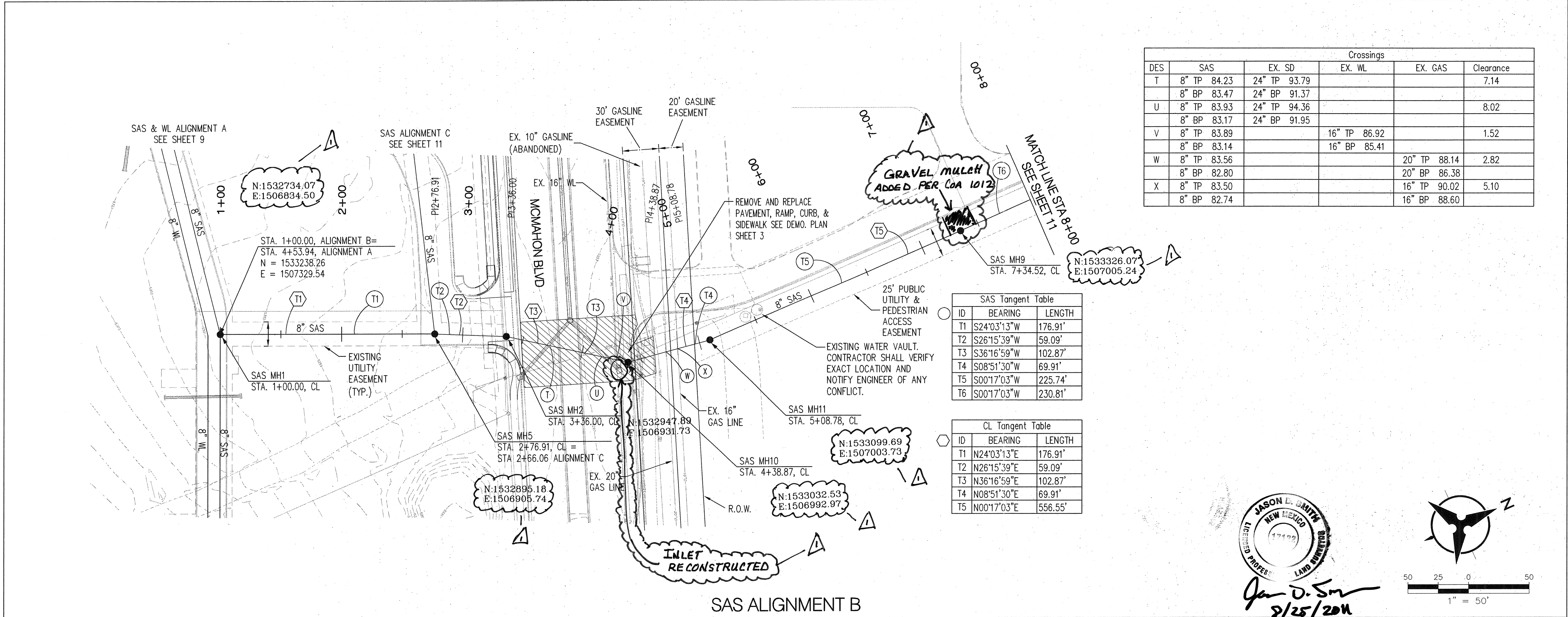
JUN 06 2011

CITY ENGINEER

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

CITY PROJECT NO.	777283	ZONE MAP NO.	A-11	SHEET	9	OF	17
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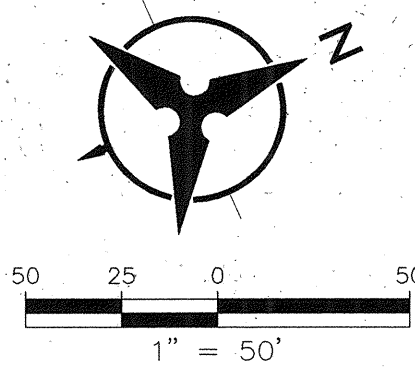
Crossings					
DES	SAS	EX. SD	EX. WL	EX. GAS	Clearance
T	8" TP 84.23	24" TP 93.79			7.14
	8" BP 83.47	24" BP 91.37			
U	8" TP 83.93	24" TP 94.36			8.02
	8" BP 83.17	24" BP 91.95			
V	8" TP 83.89		16" TP 86.92		1.52
	8" BP 83.14		16" BP 85.41		
W	8" TP 83.56			20" TP 88.14	2.82
	8" BP 82.80			20" BP 86.38	
X	8" TP 83.50			16" TP 90.02	5.10
	8" BP 82.74			16" BP 88.60	

SAS Tangent Table		
ID	BEARING	LENGTH
T1	S24°03'13"W	176.91'
T2	S26°15'39"W	59.09'
T3	S36°16'59"W	102.87'
T4	S08°51'30"W	69.91'
T5	S00°17'03"W	225.74'
T6	S00°17'03"W	230.81'

CL Tangent Table		
ID	BEARING	LENGTH
T1	N24°03'13"E	176.91'
T2	N26°15'39"E	59.09'
T3	N36°16'59"E	102.87'
T4	N08°51'30"E	69.91'
T5	N00°17'03"E	556.55'



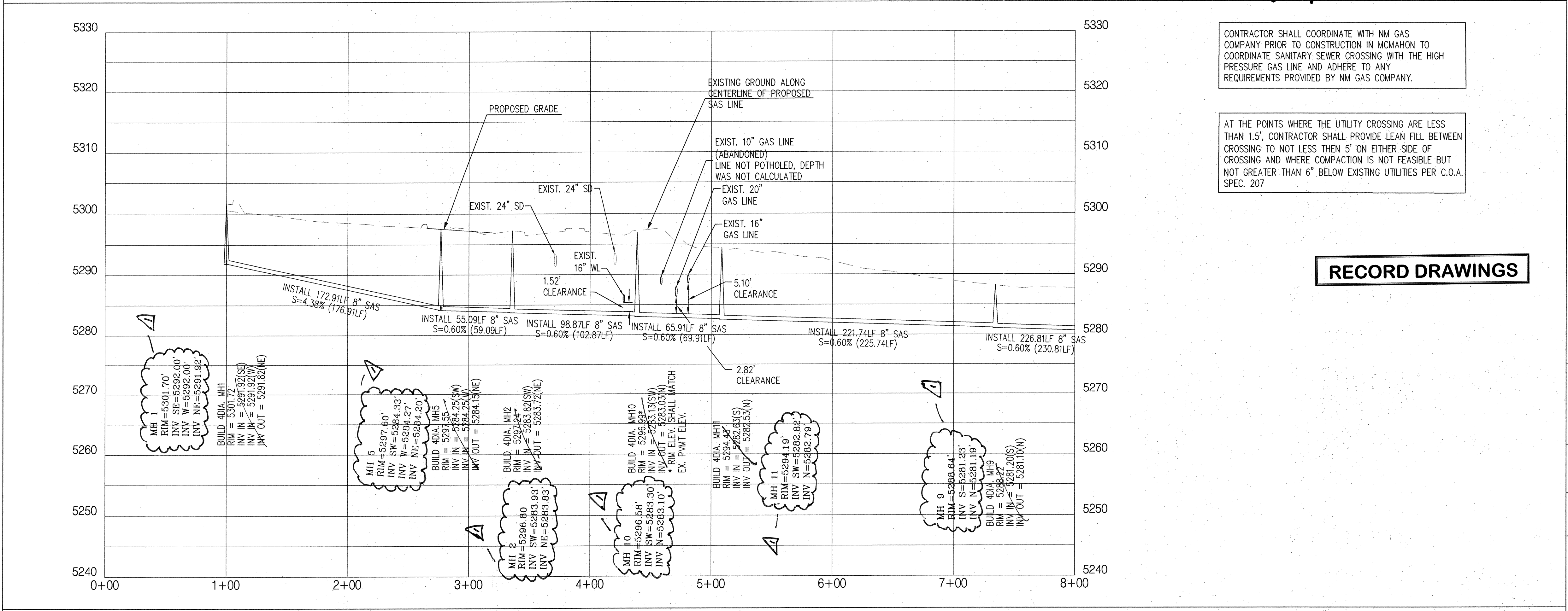
Jan D. Smith
8/25/2011



CONTRACTOR SHALL COORDINATE WITH NM GAS COMPANY PRIOR TO CONSTRUCTION IN MCMAHON TO COORDINATE SANITARY SEWER CROSSING WITH THE HIGH PRESSURE GAS LINE AND ADHERE TO ANY REQUIREMENTS PROVIDED BY NM GAS COMPANY.

AT THE POINTS WHERE THE UTILITY CROSSING ARE LESS THAN 1.5', CONTRACTOR SHALL PROVIDE LEAN FILL BETWEEN CROSSING TO NOT LESS THEN 5' ON EITHER SIDE OF CROSSING AND WHERE COMPACTION IS NOT FEASIBLE BUT NOT GREATER THAN 6" BELOW EXISTING UTILITIES PER C.O.A. SPEC. 207

RECORD DRAWINGS



GENERAL NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESIS)
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- 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.
- MH RIMS & CATCH BASIN INLET ELEVATIONS, VALVE BOXES, ARV, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
- ROP 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. ROP 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 F.
- ALL WATERLINE FITTINGS, VALVES, BENDS, TEES & CROSSES SHALL BE RESTRAINED USING MECHANICAL RESTRAINED JOINTS UNLESS OTHERWISE NOTED ON PLANS.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE OR CAPPED LINE.

LEGEND

- PROPERTY LINE
- EXISTING EASEMENT
- EX. SAS
- EX. WL
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING STORM DRAIN
- EXISTING WATER METER
- EXISTING CAP
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAIN
- SAS
- WL
- PROPOSED SANITARY SEWER
- PROPOSED WATER LINE
- PROPOSED VALVE
- PROPOSED HYDRANT
- PROPOSED CAP
- PROPOSED WATER METER
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED STREET LIGHT

CONTRACTOR'S SEAL

ALBUQUERQUE CONTROL STATION MONUMENT "9-AIT"

NEW MEXICO STATE PLANE COORDINATES

CENTRAL ZONE (NAD 83)

NORTH = 1333206.142

EAST = 1506371.019

ELEVATION = 5301.647 (NAD 1988)

DELTA ALPHA = -001530.20"

GROUND TO GRID FACTOR = 0.999670857

DESIGN - GROUND RESULT - GRID

REVISIONS

NO.	DATE	BY	REMARKS
1	8/25/2011	JDS	RECORD DRAWINGS

GENERAL NOTE:

ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE "E" AS PER COA STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED.

VALVES	PER STD. DWG. 2326 & 2328
MANHOLES	PER STD. DWG. 2101 & 2102
WATER SERVICE	PER STD. DWG. 2361, 2362, 2363 & 2368

Bohannon & Huston

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

ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE

DEPARTMENT OF MUNICIPAL DEVELOPMENT

CVS PHARMACY
UTILITY PLAN & PROFILE
SAS ALIGNMENT B

DESIGN REVIEW COMMITTEE

APPROVED

MAY 12 2011

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

APPROVED

JUN 06 2011

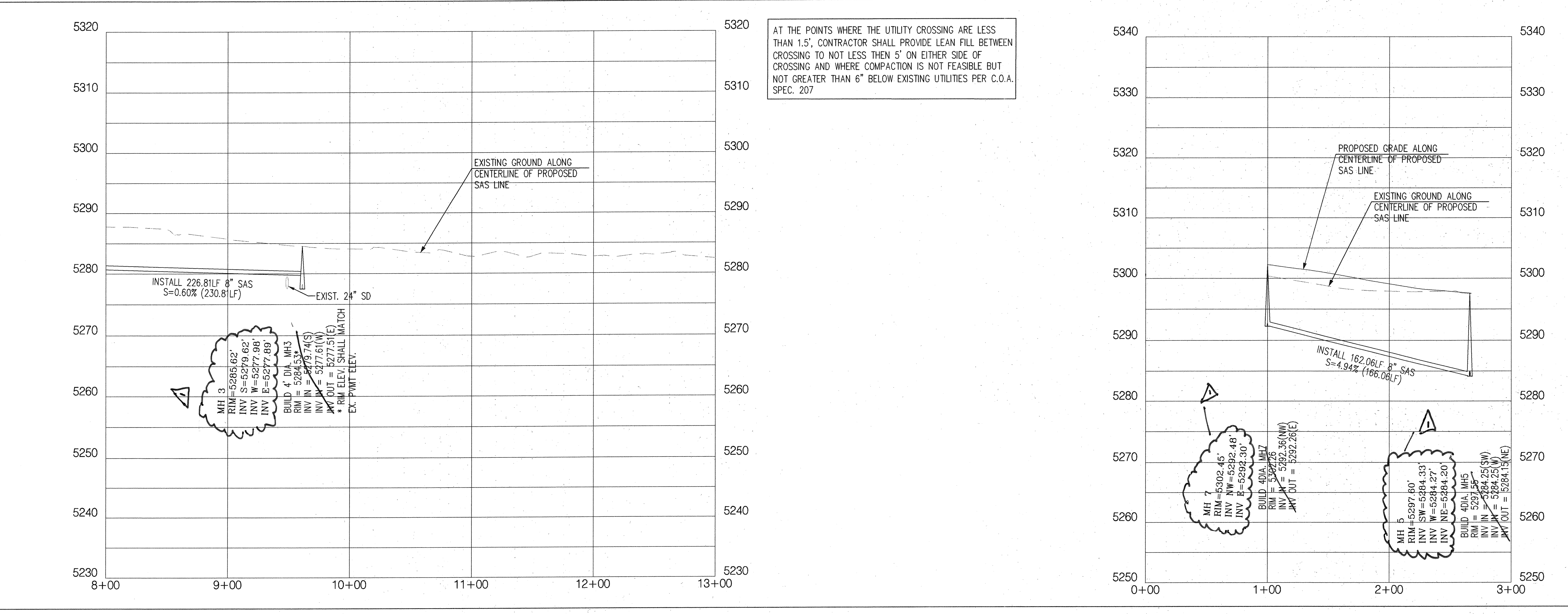
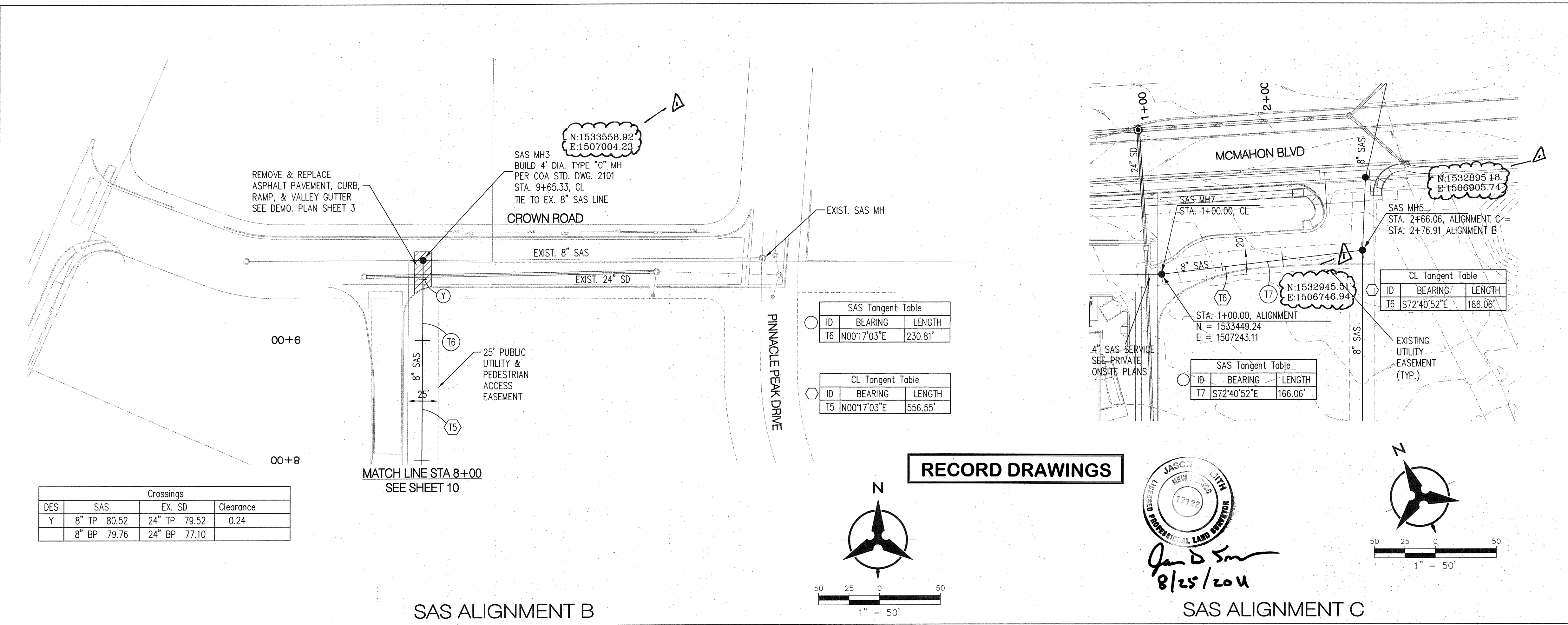
CITY ENGINEER

LAST DESIGN UPDATE

CITY PROJECT NO. 777283

ZONE MAP NO. A-11

SHEET 10 OF 17



GENERAL NOTES

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LEGEND

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- EXISTING EASEMENT
- EX. SAS
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- EXISTING WATER LINE
- EXISTING STORM DRAIN
- EXISTING WATER METER
- EXISTING CAP
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAIN
- SAS
- WL
- PROPOSED SANITARY SEWER
- PROPOSED WATER LINE
- PROPOSED VALVE
- PROPOSED HYDRANT
- PROPOSED CAP
- PROPOSED WATER METER
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED STREET LIGHT

AS-BUILT INFORMATION

CONTRACTOR: **Bohannon & Huston**
DATE: **8/25/2010**
INSPECTOR: **Jason A. Smith**
DATE: **8/25/2010**
ACCEPTANCE BY: **BH**
DATE: **8/25/2010**
VERIFICATION BY: **BH**
DATE: **8/25/2010**
DRAWING BY: **BH**
DATE: **8/25/2010**
MICRO-FILM INFORMATION
RECORDED BY: **NO**
DATE: **NO**

DESIGN - GROUND AS-BUILT - GROUND

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

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

CVS PHARMACY
UTILITY PLAN & PROFILE
SAS ALIGNMENT B & C

DESIGN REVIEW COMMITTEE
APPROVE
MAY 12 2011
DESIGN REVIEW COMMITTEE

CITY ENGINEER
APPROVE
JUN 06 2011
CITY ENGINEER

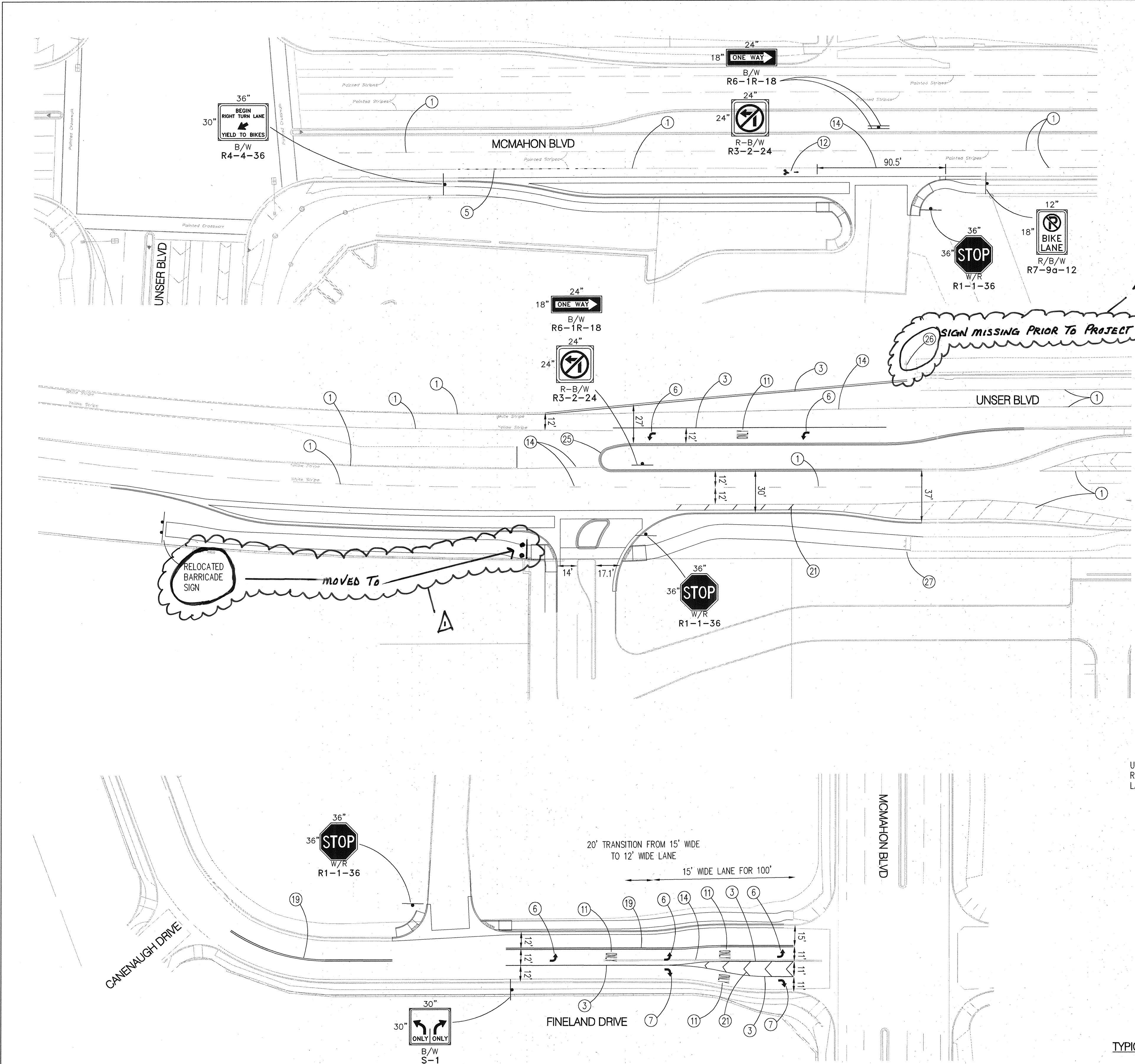
LAST DESIGN UPDATE

MO./DAY/YR.
MO./DAY/YR.

CITY PROJECT NO. **777283**

ZONE MAP NO. **A-11**

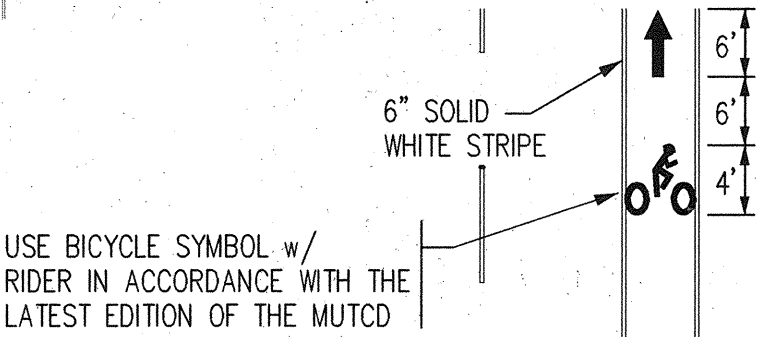
SHEET **11** OF **17**



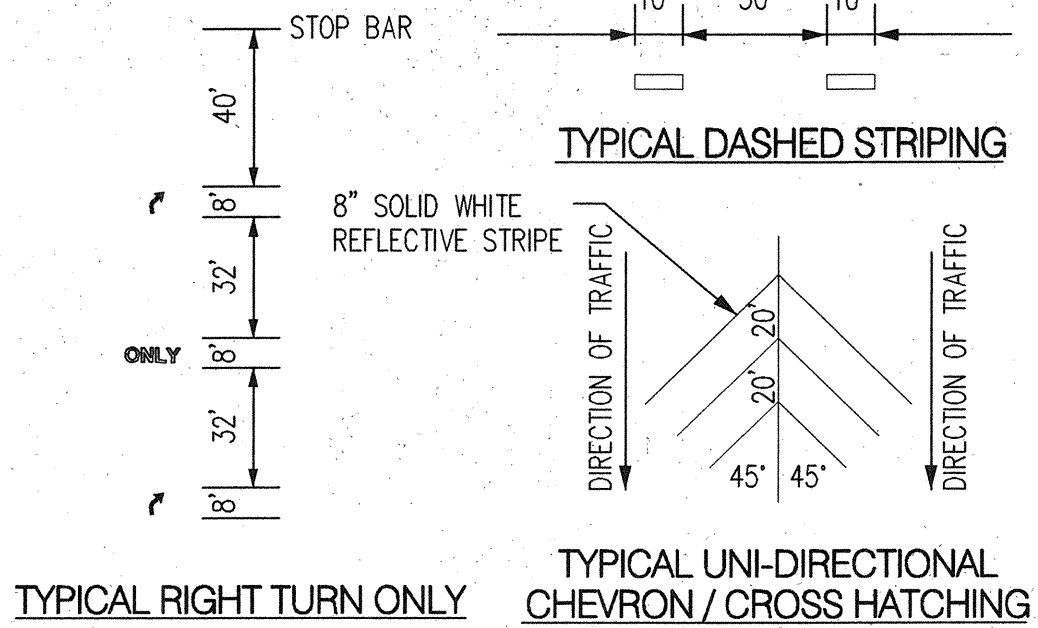
STRIPING ERADICATION NOTE:
STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING TO A WIDTH EQUAL TO TWICE THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED

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 120 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.
- ALL PAVEMENT MARKINGS SHALL BE 120 mil THICKNESS.



BICYCLE PAVEMENT MARKINGS
NOT TO SCALE

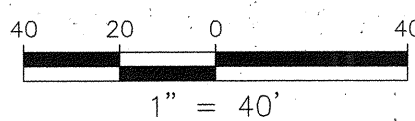


TYPICAL STRIPING DETAILS
NOT TO SCALE

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.
- EXISTING SIGN TO REMAIN.
- REMOVE & RELOCATE BARRICADE SIGN

RECORD DRAWINGS



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

CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT
CVS PHARMACY MCMAHON / UNSER BLVD.
SIGNING & STRIPING PLAN

DESIGN REVIEW COMMITTEE
APPROVED
MAY 12 2011
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVED
JUN 06 2011
CITY ENGINEER

LAST DESIGN UPDATE

CITY PROJECT NO.
777283

ZONE MAP NO.
A-11

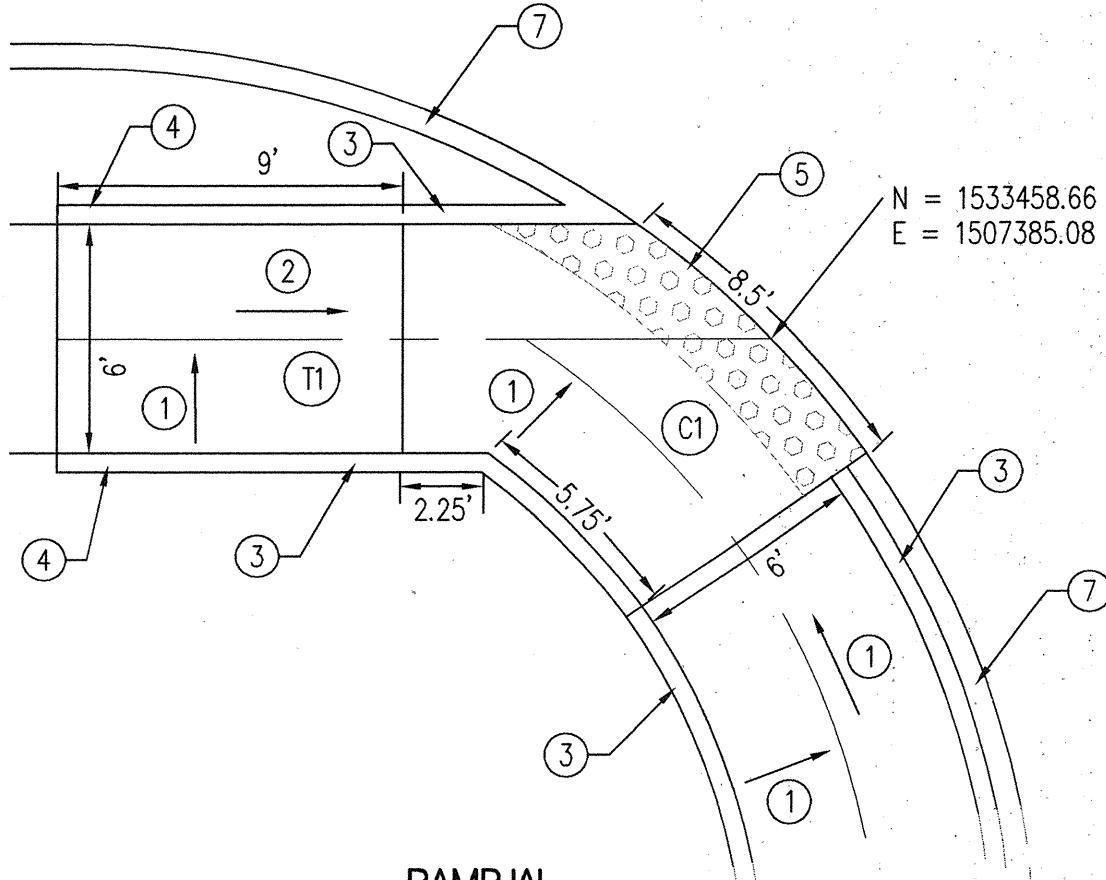
SHEET
12 OF
17

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ALBUQUERQUE CONTROL STATION MONUMENT "9-A11"	DATE	NO.	BY	SEAL	BY
INSPECTOR	DATE	NEW MEXICO STATE PLANE COORDINATES	DATE				
ACCEPTANCE BY	DATE	CENTRAL ZONE (NAD 83)	DATE				
VERIFICATION BY	DATE	NORTH = 1533,206.142	DATE				
DESIGNED BY	DATE	EAST = 1,506,571.019	DATE				
DRAWN BY	DATE	ELEVATION = 5,301.647 (NAD 1988)	DATE				
CHECKED BY	DATE	DELTA ALPHA = -001530.20"	DATE				
RECORDED BY	DATE	GROUND TO GRID FACTOR = 0.999670857	DATE				
NO.	DATE		DATE				

DESIGN - GROUND
AS-BUILT - GRID

Tangent Table		
ID	BEARING	LENGTH
T1	N69°22'14"W	18.60'

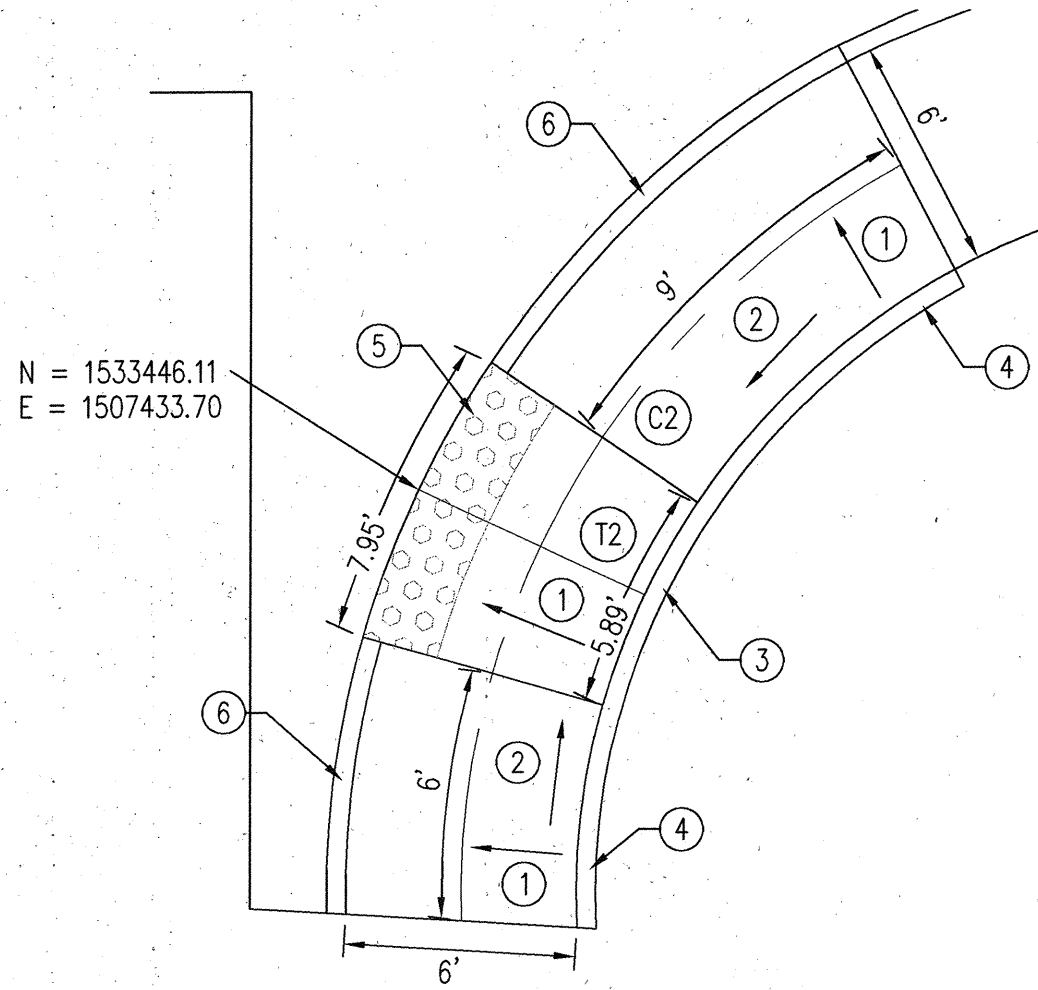
Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	16.28'	20.87'	44°40'21"	8.58'



RAMP 'A'
SCALE: 1"=5'

Tangent Table		
ID	BEARING	LENGTH
T2	S44°10'38"E	6.50'

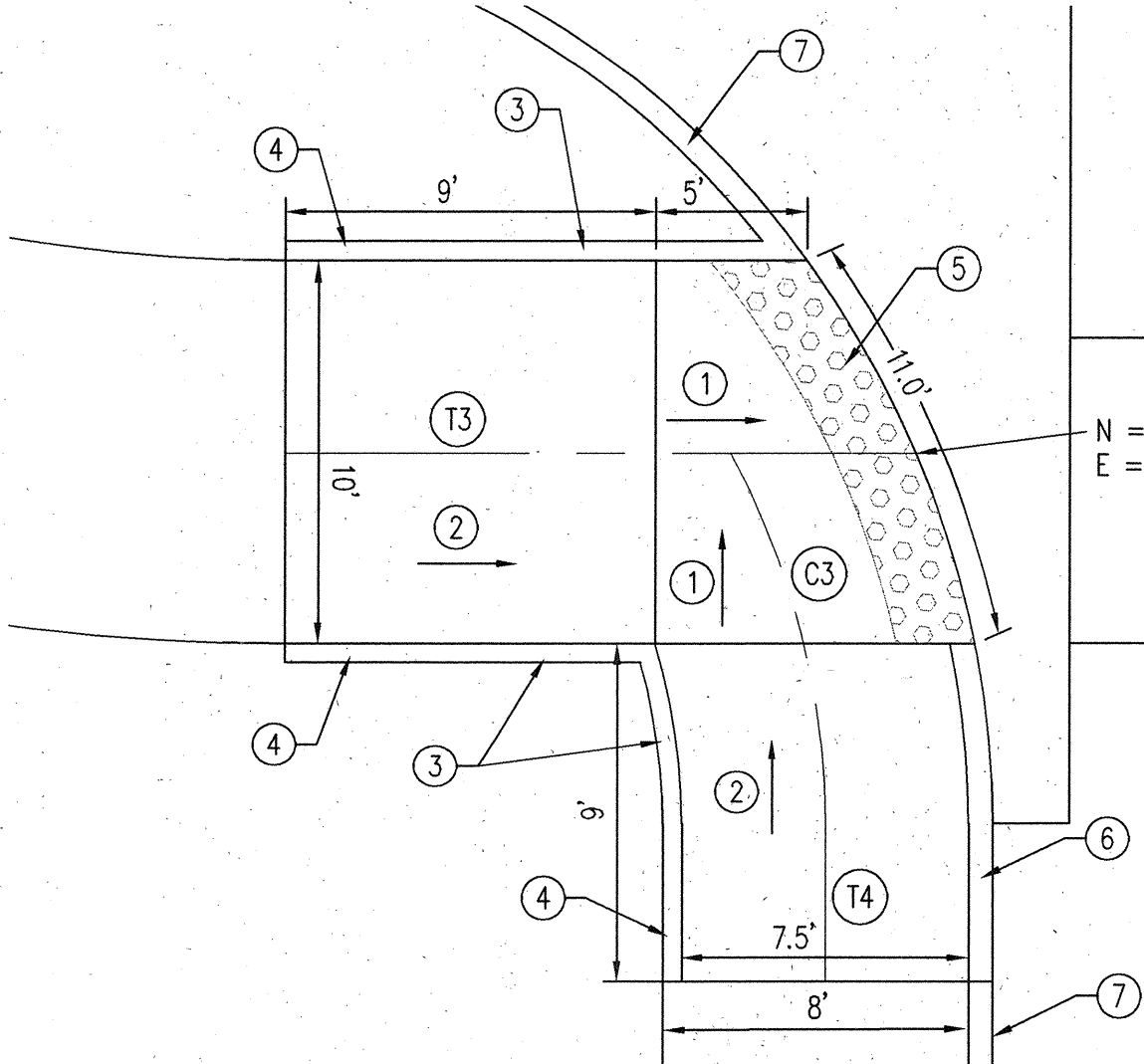
Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C2	24.03'	21.50'	64°01'32"	13.44'



RAMP 'B'
SCALE: 1"=5'

Tangent Table		
ID	BEARING	LENGTH
T3	S24°02'19"W	16.50'
T4	S65°57'41"E	4.17'

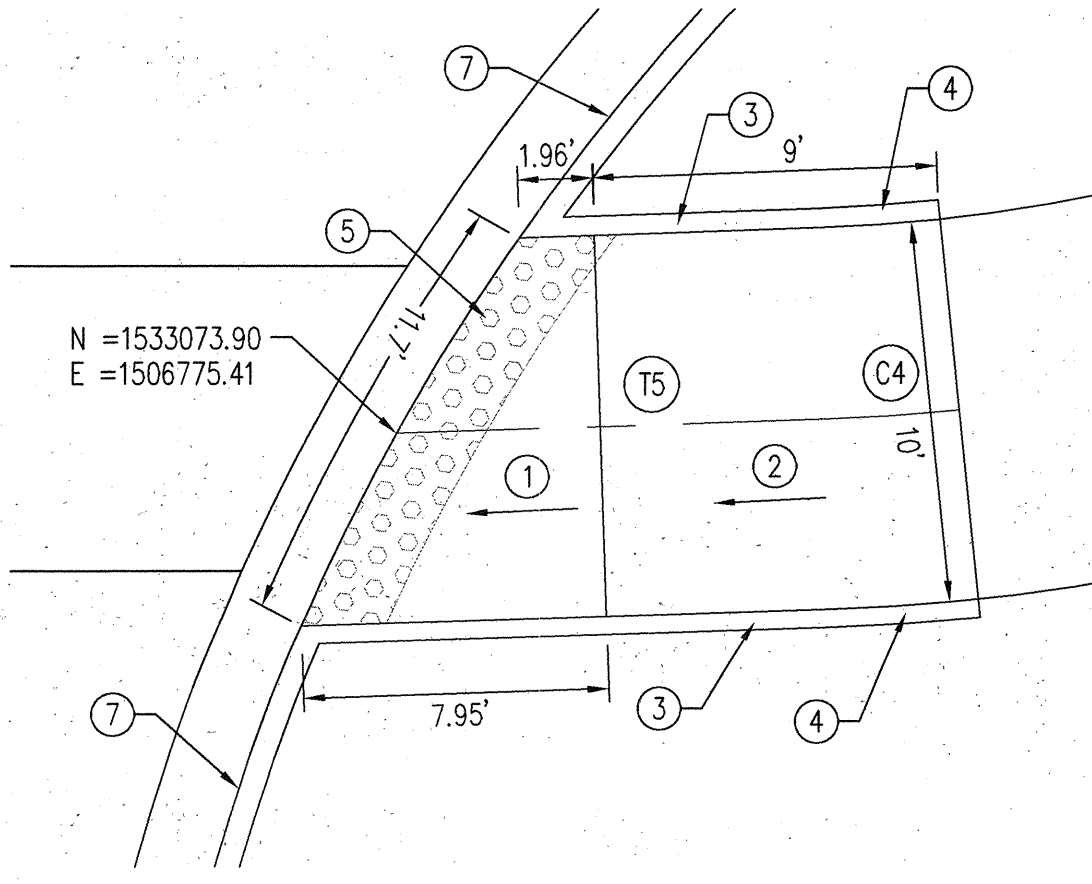
Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C3	10.24'	20.63'	28°27'30"	5.23'



RAMP 'C'
SCALE: 1"=5'

Tangent Table		
ID	BEARING	LENGTH
T5	S22°06'34"W	11.20'

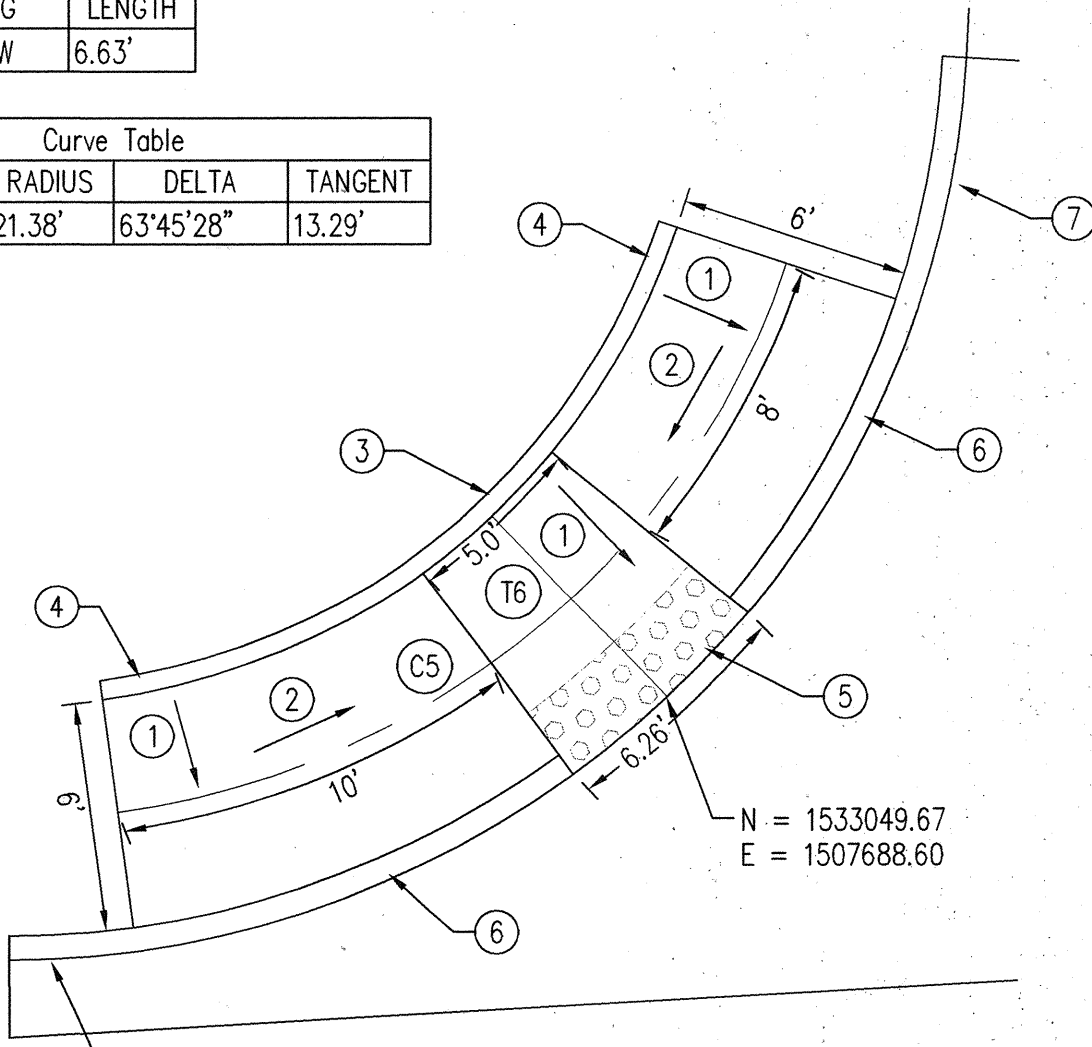
Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C4	3.46'	50.01'	3°57'56"	1.73'



RAMP 'D'
SCALE: 1"=5'

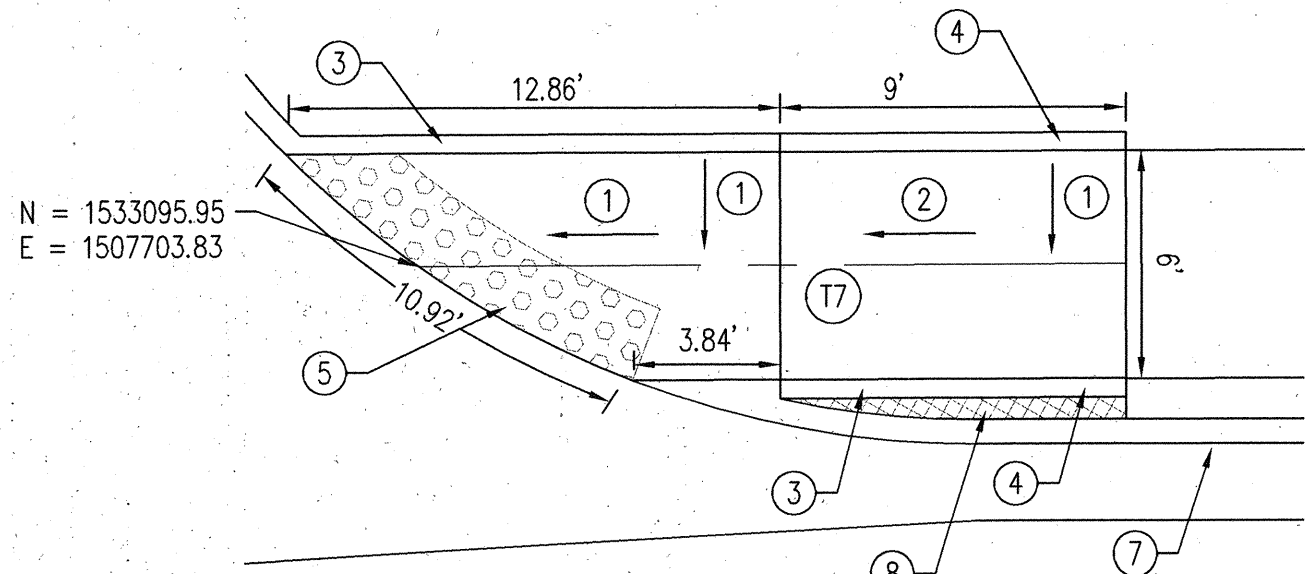
Tangent Table		
ID	BEARING	LENGTH
T6	S67°17'47"W	6.63'

Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C5	23.79'	21.38'	63°45'28"	13.29'



RAMP 'E'
SCALE: 1"=5'

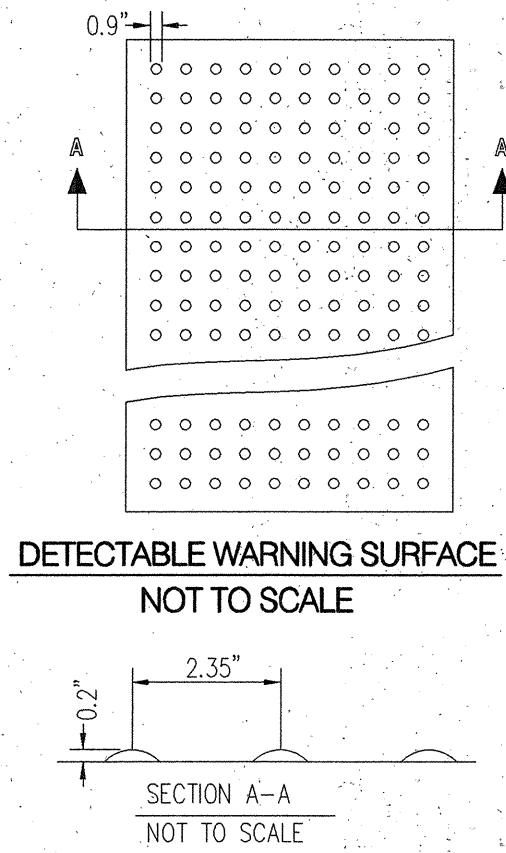
Tangent Table		
ID	BEARING	LENGTH
T7	S20°37'46"W	18.40'



RAMP 'F'
SCALE: 1"=5'

KEYED NOTES

- 2%
- 12:1 MAX
- HEADER CURB
- TRANSITION FROM CURB TO NO CURB
- 2' WIDE DETECTABLE WARNING SURFACE PER DETAIL THIS SHEET
- CURB TRANSITION WITH SLOPE OF RAMP
- STD. C&G PER COA STD DWG 2415A
- CONCRETE FILL HATCHED AREA



DETECTABLE WARNING SURFACE NOTES:

- 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 OR PAVERS WITH TRUNCATED DOMES. EXACT MATERIAL & INSTALLATION PROCEDURES SHALL BE COORDINATED WITH AND APPROVED BY OWNER.
- 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.
- SUBMIT SPEC'S TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.

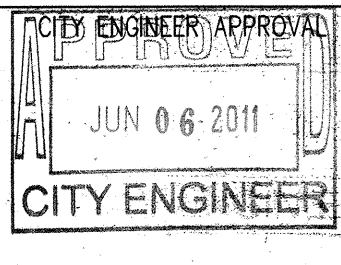
RECORD DRAWINGS

Bohannon & Huston
Court yard | 7500 Jefferson St. NE Albuquerque, NM 87109-4395
ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES



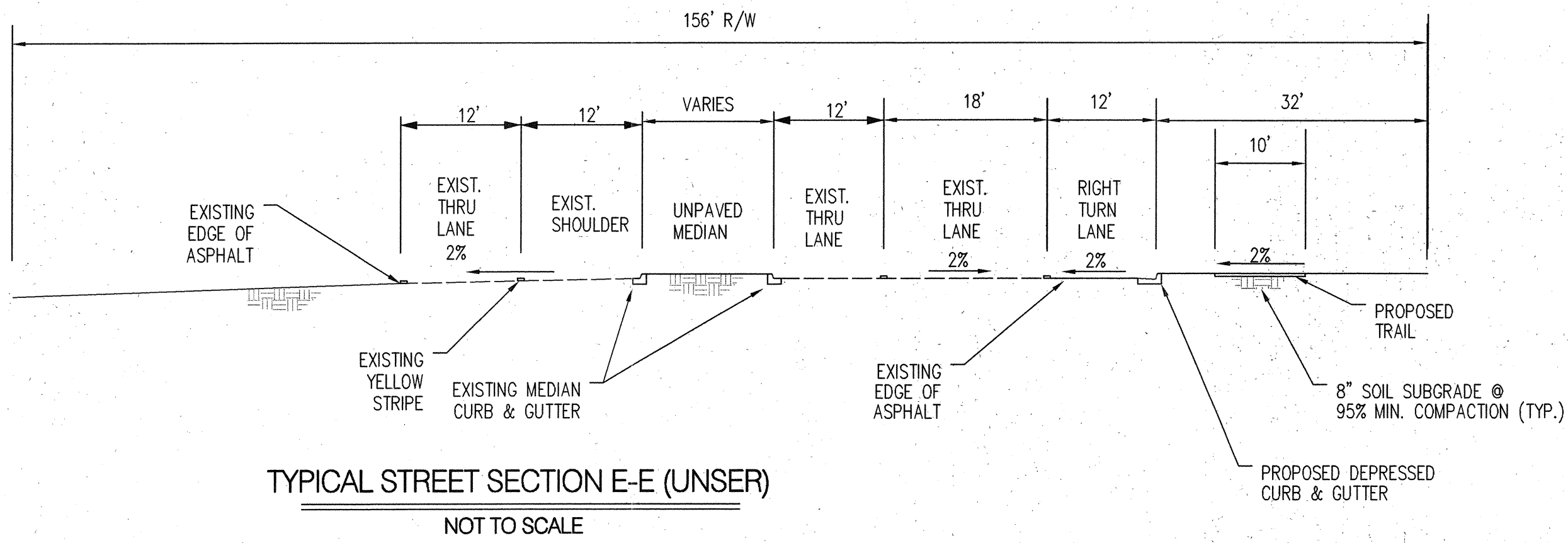
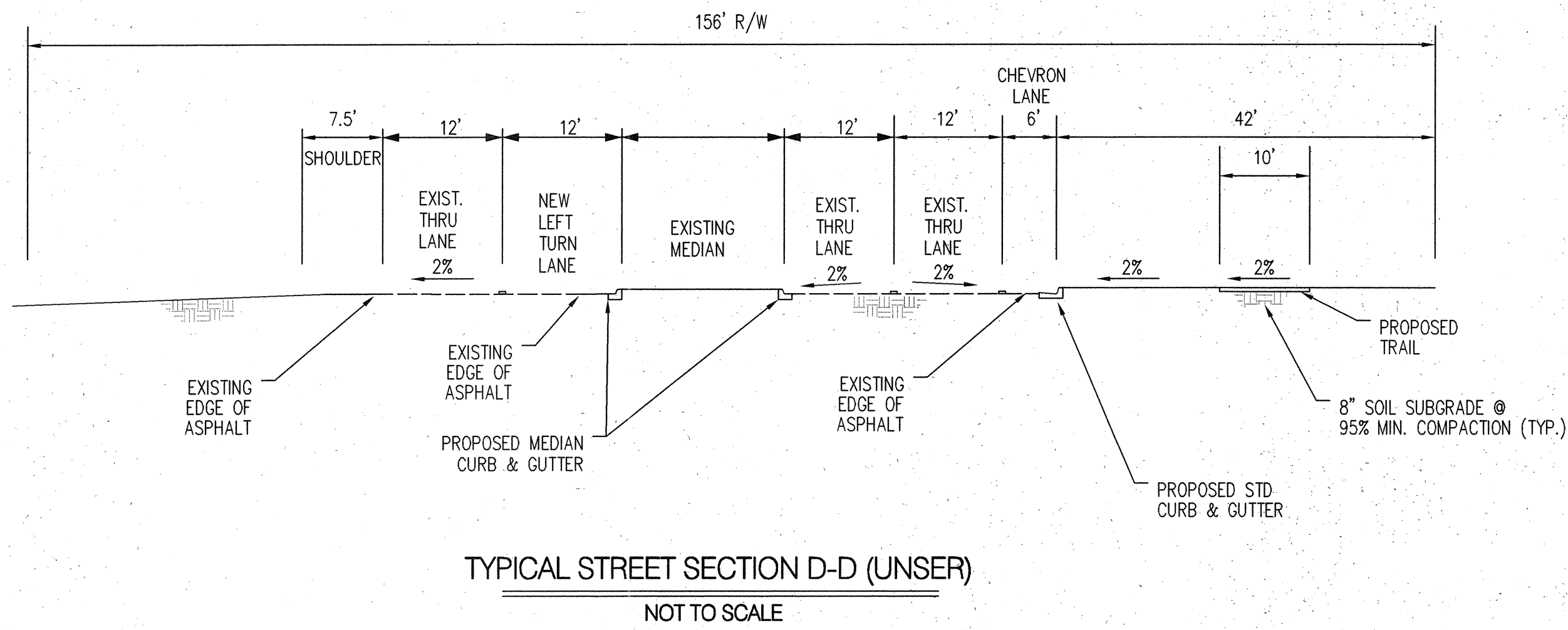
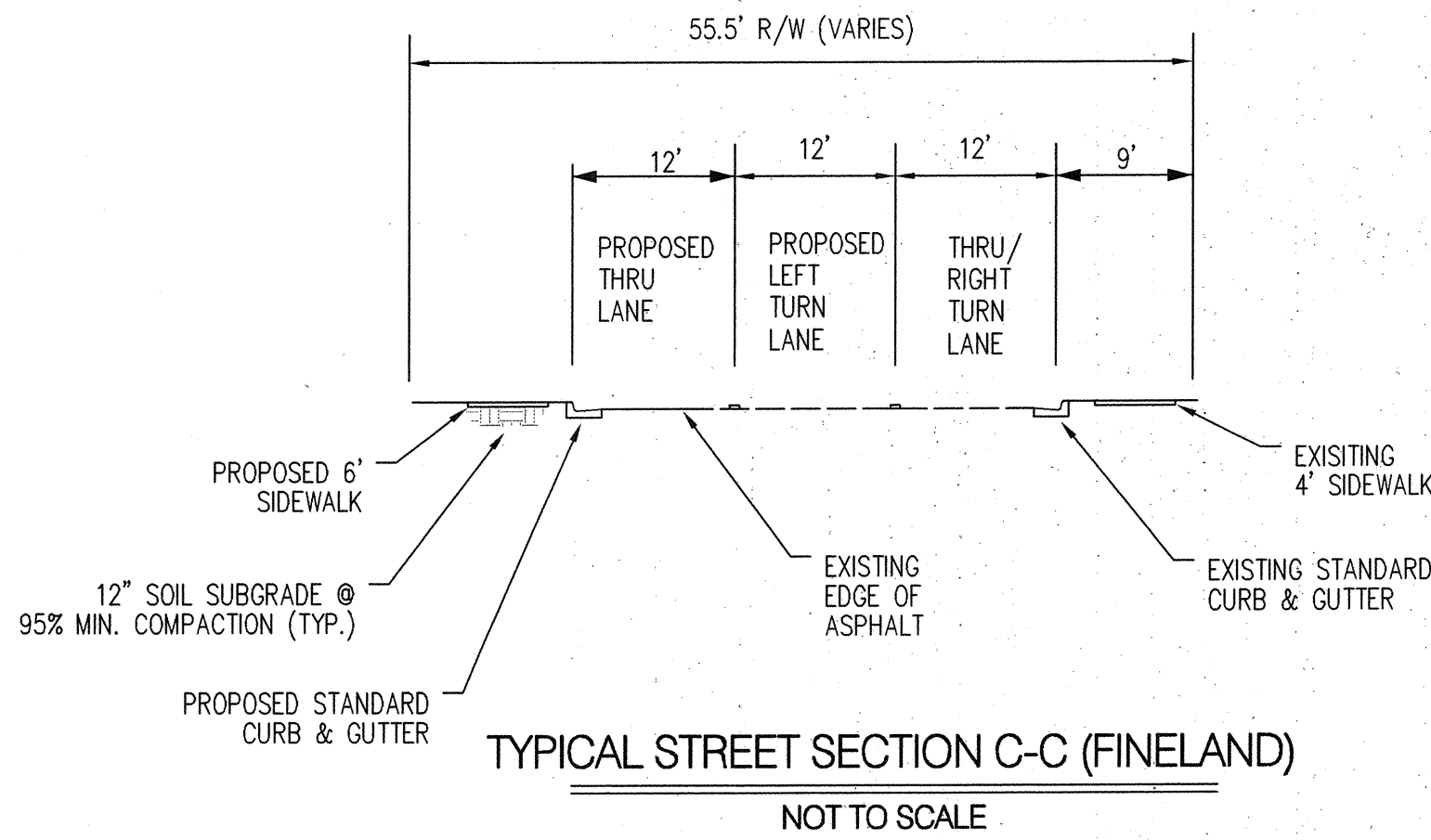
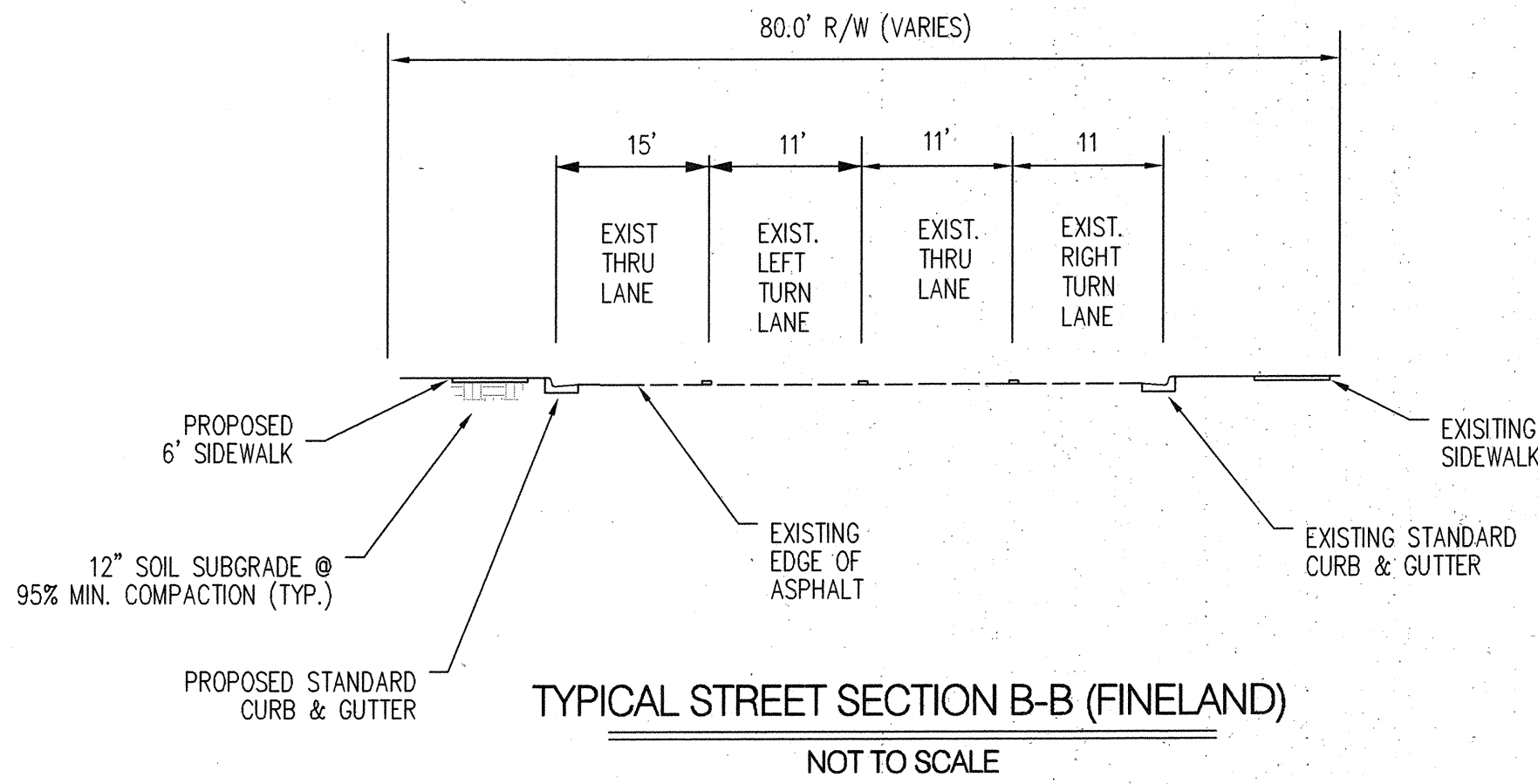
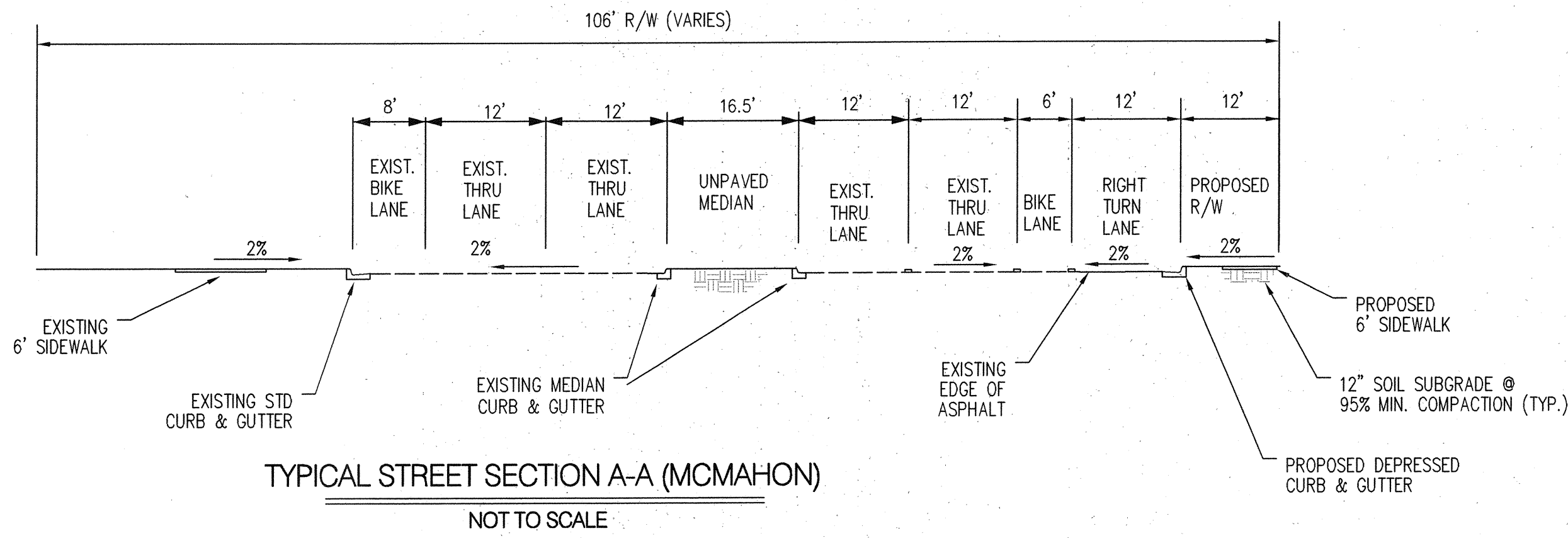
CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

CVS PHARMACY MCMAHON / UNSER BLVD.
RAMP DETAILS



LAST DESIGN UPDATE

CITY PROJECT NO. 777283 ZONE MAP NO. A-11 SHEET 13 OF 17

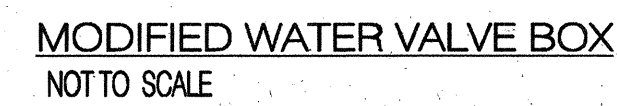
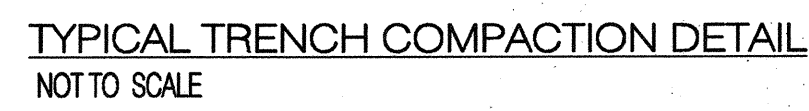


RECORD DRAWINGS

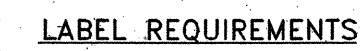
Bohannon & Huston Court yard 7500 Jefferson St. NE Albuquerque, NM 87109-4335 ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES		NO. DATE		REMARKS REVISIONS		BY	
DESIGNED BY BCP		DATE03/2010		DESIGN		DATE03/2010	
DRAWN BY ARR		DATE03/2010		DESIGN		DATE03/2010	
CHECKED BY YPM		DATE03/2010		DESIGN		DATE03/2010	
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT CVS PHARMACY MCMAHON / UNSER BLVD. STREET CROSS SECTIONS							
DESIGN REVIEW COMMITTEE APPROVED MAY 12 2011 DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL APPROVED JUN 06 2011 CITY ENGINEER		MO./DAY/YR.		MO./DAY/YR.	
QTY PROJECT NO.		ZONE MAP NO.		SHEET		OF	
777283		A-11		14		17	

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ALBUQUERQUE CONTROL STATION MONUMENT "9-A11"	DATE	FIELD NOTES	BY		
DESIGNED BY	DATE	NEW MEXICO STATE PLANE COORDINATES	DATE				
INSPECTED BY	DATE	CENTRAL ZONE (NAD 83)	DATE				
ACCEPTANCE BY	DATE	NORTH = 1533.206.142	DATE				
VERIFICATION BY	DATE	EAST = 1,506,571.019	DATE				
DRAWING NO.	DATE	ELEVATION = 5,301.647 (NAD 1988)	DATE				
MICRO-FILM INFORMATION		DELTA ALPHA = -001530.20"	DATE				
		GROUND TO GRID FACTOR = 0.999670857	DATE				

DESIGN - GROUND
AS-BUILT - GRID

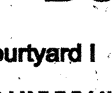


- A VALVE BOX RING AND COVER PER C.O.A. STD. DWG. 2328.
- B 10" DIAMETER CORRUGATED METAL PIPE (CMP)
- C NEW OR EXISTING VALVE.
- D COMPACTED BACKFILL. SOIL OR BASE COURSE MATERIAL (95% COMPACTION). SEE SECTION 701.
- E CONCRETE COLLAR PER C.O.A. STD. DWG. 2461.
- F TOP OF CONCRETE COLLAR SHALL BE STAMPED WITH LINE SIZE AND DIRECTION. MINIMUM LETTER SIZE SHALL BE 3" IN HEIGHT.
- G MIN. 6" OR MATCH EXISTING.



REVISIONS	CITY OF ALBUQUERQUE	
	WATER VALVE BOX	
	DWG. 2326	JANUARY 2003

RECORD DRAWINGS

Bohannon  Huston INC. Courtyard 7500 Jefferson St NE Albuquerque, NM 87109-4335 ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES		NO.	DATE	DESIGNED BY BC	DRAWN BY Y	CHECKED BY Y
 CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT						
CVS PHARMACY MCMAHON / UNSER BLVD. UTILITY DETAILS						
DESIGN REVIEW COMMITTEE 	CITY ENGINEER APPROVAL 	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.		
CITY PROJECT NO.		ZONE MAP NO.	SHEET	OF		
777283		A-11	15	17		

[illegible]

DESIGN - GROUND
ASBUILT - GRID

ALBUQUERQUE CONTROL STATION MONUMENT "9-A11"
NEW MEXICO STATE PLANE COORDINATES
CENTRAL ZONE (NAD 83)
NORTH = 1,533,206.142
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ELEVATION = 5,301.647 (NAVD 1988)
DELTA ALPHA = -00°15'30.20"
GROUND TO GRID FACTOR = 0.999670857

RIBBON CHANNEL DETAIL
NOT TO SCALE

SCANNED BY
PLANNING

MCMAHON BLVD

UNSER BLVD

PROPOSED CVS
PHARMACY
14,576 SQ. FT

FOR OFFSITE PRIVATE GRADING IMPROVEMENTS
SEE OVERALL GRADING PLAN SHEET C201

GRADING DETAIL
SCALE: 1"=10'

LEGEND

- PROPERTY LINE
- EXISTING CONTOURS
- EXISTING GROUND SPOT ELEVATION
- EXISTING ELECTRICAL POLE
- PROPOSED SPOT ELEVATION
TC=TOP OF CURB, FL=FLOW LINE
EX=EXISTING, TG=TOP OF GRADE
- PROPOSED DIRECTION OF FLOW
- WATER BLOCK
- PROPOSED RETAINING WALL
- PROPOSED INDEX CONTOURS
- PROPOSED INTER CONTOURS
- PROPOSED CURB & GUTTER
- EASEMENT
- EXISTING TREE
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- EXISTING STORM DRAIN MANHOLE

GRADING NOTES

- EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.
- ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION," AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
- EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.
- THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS OR SILT FENCE AT THE PROPERTY LINES AND WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.
- A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- PAVING AND ROADWAY GRADES SHALL BE $\pm 0.1'$ FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE $\pm 0.05'$ FROM BUILDING PLAN ELEVATION.
- ALL PROPOSED CONTOURS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR MEDIANS AND ISLANDS.
- VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.

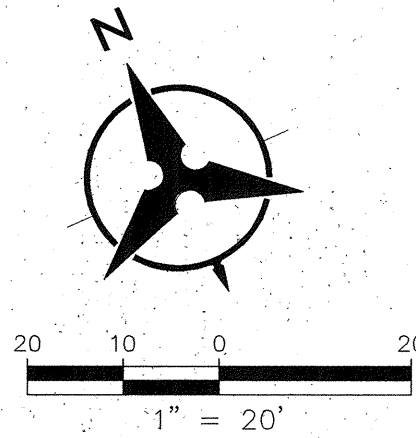
RECORD DRAWINGS

GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT. WHERE APPLICABLE, CITY OF ALBUQUERQUE STANDARDS SHALL APPLY.
- THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
- ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E., BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).
- ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADES AT THE END AND BEGINNING OF EACH DAY.
- THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.

BENCHMARK

ALBUQUERQUE CONTROL STATION MONUMENT "9-A11"
NEW MEXICO STATE PLANE COORDINATES
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FOR OFFSITE PRIVATE GRADING IMPROVEMENTS
SEE OVERALL GRADING PLAN SHEET C201

CIVIL
ENGINEER

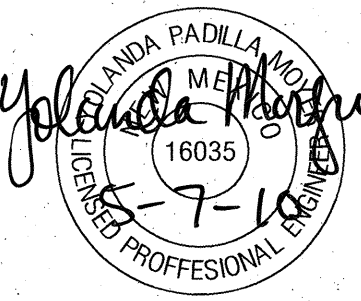
Bohannon & Huston

Consulting Engineers 7800 Jefferson Blvd. NE Albuquerque, NM 87109-4306
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

BOHANNAN HUSTON, INC
7500 JEFFERSON ST. NE
ALBUQUERQUE, NM 87109
TEL: (505) 823-1000
FAX: (505) 798-7988

CONSULTANT:

SEAL:



CVS/
pharmacy

STORE #75803

SOUTHEAST CORNER OF MCMAHON BLVD
AND UNSER BLVD
ALBUQUERQUE, NM

DEVELOPER:

ARMSTRONG DEVELOPMENT
PROPERTIES, INC.
1500 N. PRIEST DR., SUITE
150E
TEMPE, AZ 85281
OFFICE: 602.385.4100
FAX: 602.385.4101

REVISIONS:

DRAWING BY: AR

DATE: FEBRUARY, 2010

JOB NUMBER: 090090

TITLE:

GRADING PLAN

SHEET NUMBER:

168

COMMENTS:

INFO ONLY

SHEET 168 OF 17



DRAINAGE BASIN CALCULATIONS FOR MCMAHON MARKETPLACE								
BASIN I.D.	AREA (AC)	% LAND TREATMENT				DISCHARGE (CFS)		
		A	B	C	D	10 YR*	100YR*	
HYDROLOGICAL VOLUMETRIC & DISCHARGE DATA (EXISTING CALCULATED)								
BASIN A	1.66	98.0%	2.0%	0.0%	0.0%	0.43	2.13	
BASIN B	0.29	100.0%	0.0%	0.0%	0.0%	0.07	0.37	
BASIN C	0.43	95.0%	2.5%	2.5%	0.0%	0.13	0.57	
BASIN D	2.77	86.0%	7.0%	7.0%	0.0%	1.03	3.97	
BASIN E	1.96	86.0%	9.0%	5.0%	0.0%	0.70	2.78	
BASIN F	3.03	90.0%	6.0%	4.0%	0.0%	1.00	4.18	
BASIN G	2.02	90.0%	3.0%	7.0%	0.0%	0.71	2.83	
TOTAL	12.16					4.08	16.83	
HYDROLOGICAL VOLUMETRIC & DISCHARGE DATA (DEVELOPED)								
INTERIM								
BASIN A-1	0.41	0.0%	5.0%	10.0%	85.0%	1.08	1.68	
BASIN A-2	1.25	0.0%	5.0%	10.0%	85.0%	3.30	5.13	
BASIN B	0.29	0.0%	0.0%	33.0%	67.0%	0.70	1.12	
BASIN C-1	0.08	0.0%	0.0%	0.0%	100.0%	0.23	0.35	
BASIN C-2	0.35	0.0%	0.0%	0.0%	100.0%	1.01	1.53	
subtotal developed onsite							9.81	
BASIN D	2.77	86.0%	7.0%	7.0%	0.0%	1.03	3.97	
BASIN E-1	0.71	56.0%	9.0%	5.0%	30.0%	0.82	1.67	
BASIN E-2	1.25	90.0%	6.0%	4.0%	0.0%	0.41	1.72	
BASIN F	3.03	90.0%	6.0%	4.0%	0.0%	1.00	4.18	
BASIN G	2.02	90.0%	3.0%	7.0%	0.0%	0.71	2.83	
SUBTOTAL	12.16					10.30	24.2	
FULLY DEVELOPED								
BASIN A-1	0.41	0.0%	5.0%	10.0%	85.0%	1.08	1.68	
BASIN A-2	1.25	0.0%	5.0%	10.0%	85.0%	3.30	5.13	
BASIN B	0.29	0.0%	0.0%	33.0%	67.0%	0.70	1.12	
BASIN C	0.43	0.0%	0.0%	0.0%	100.0%	1.24	1.88	
BASIN D	2.77	0.0%	5.0%	10.0%	85.0%	7.31	11.37	
BASIN E-1	0.71	0.0%	5.0%	10.0%	85.0%	1.87	2.91	
BASIN E-2	1.25	0.0%	5.0%	10.0%	85.0%	3.30	5.13	
BASIN F	3.03	0.0%	5.0%	10.0%	85.0%	8.00	12.43	
BASIN G	2.02	0.0%	5.0%	10.0%	85.0%	5.33	8.29	
SUBTOTAL	12.16					32.15	49.9	
*NOTE: Peak Discharge calculated from Chapter 22 Section 2 of the COA DPM.								

*NOTE: Peak Discharge calculated from Chapter 22 Section 2 of the COA DPM.

McMAHON MARKETPLACE DRAINAGE MANAGEMENT PLAN

ALBUQUERQUE, NEW MEXICO
MARCH, 2010

DRAINAGE MANAGEMENT PLAN

I. PURPOSE

The purpose of this submittal is to present the grading and drainage management plan for McMahon Marketplace. The project consists of approximately 12.16 acres of land to be developed for commercial use.

II. SITE LOCATION AND CHARACTERISTICS

The project is south of McMahon Blvd and north of Tuscany West Unit 4 and bordered to the west by Unser Blvd and to the east by Fineland Drive. The site is currently undeveloped tracts, with native shrubs and grasses.

III. EXISTING HYDRAULIC AND HYDROLOGIC CONDITIONS

In the existing conditions, the site drains across moderately sloped terrain towards the north. Currently the westerly portion of the site discharges directly to McMahon and Unser, while the easterly portion discharges to an existing pond located on the east half of the site. The runoff then flows north on Unser and west on McMahon which ultimately is captured by inlet upstream of the intersection. The flow is then carried north within the Unser storm drain to the Black Arroyo Blvd storm drain system and ultimately to the Black Arroyo.

A Master Drainage Study for the Unser/ McMahon Area was prepared by Bohannan Huston, dated July 17, 2001 and revised November 13, 2001, analyzes the entire basin area discharging to the Black Arroyo Blvd storm drain system. That report also addresses this site specifically. The proposed McMahon Marketplace is described in the report as Basin DC2 and allows full discharge ($Q_{100}=41.55\text{cfs}$) into McMahon.

IV. INTERIM HYDRAULIC AND HYDROLOGIC CONDITIONS

In the interim conditions, the only portion of the site which will be developed is the northwest corner. A CVS Drugstore in proposed at this location. Basin A, B, C1, C2 and E-1 are the only part of the site which will be developed at this time. Basin A is the CVS site, Basin B is the entrance off of McMahon and Basins C and Basin E are the access roads off of Fineland and Unser. Basin A ($Q_{100}=6.81\text{cfs}$) drains toward and is collected at the northeast corner of the basin by a Type "D" inlet which is connect to the main storm drain line in McMahon Blvd. Basin B ($Q_{100}=1.12\text{cfs}$) discharges directly in McMahon Blvd where is collected by existing inlets downstream. Basin C-1 ($Q_{100}=0.35\text{cfs}$) discharges north to the lowpoint located at the southeast corner of the CVS site where it is collect by a Type "A" inlet and conveyed north via a 24" storm drain which connects to the same above mentioned storm drain in McMahon. Basin C-2 ($Q_{100}=1.53\text{cfs}$) is conveyed to a lowpoint with curb cuts and discharges in Basin D and follows existing drainage patterns into McMahon Blvd where it will be collect by existing inlets downstream. Basin E-1 ($Q_{100}=1.67\text{cfs}$) will discharge north and combine with Basin A-1 ($Q_{100}=1.68\text{cfs}$) where the combined flow will be carried downstream to the Type "D" inlet on the northeast corner of the site via a 2" ribbon channel a sidewalk culvert. Basin E-2 ($Q_{100}=1.72\text{cfs}$) discharges to a desiltation pond located at the northeast corner of the site where it will discharge via curb cut to same lowpoint, inlet and manner as Basin C-2. Basin D ($Q_{100}=3.97\text{cfs}$) is undeveloped therefore the existing drainage patterns will not be changed. The westerly portion discharges directly into McMahon and the easterly portion discharges into an existing retention pond. Basin F ($Q_{100}=4.18\text{cfs}$) discharges to a desiltation pond located south of lowpoint within Basin C-2. Basin G ($Q_{100}=2.83\text{cfs}$) flows to a swale where it is diverted west to the same desiltation pond from Basin F. Both Basin F and combine with Basin C and a portion of Basin D where they follow existing drainage patterns and discharge in McMahon Blvd. The total discharge from the interim site is $Q_{100}=24.5\text{cfs}$ which is well below the allowable discharge of 41.55cfs.

V. FULLY DEVELOPED HYDRAULIC AND HYDROLOGIC CONDITIONS

In the ultimate conditions, the total McMahon Market place discharges a 100-yr, 6-hour flow of 49.9cfs. The total discharge allowed from the Master Drainage Study for the Unser/McMahon Area is 41.55cfs. The total flow was based a land treatment type of 0% A, 5%B, 10%C and 85%D. The future development can either create a pond to restrict the flow to the 41.55cfs or modify the amount of landscaping to reduce the amount of Land Treatment Type "D" to reduce the runoff from 49.9cfs to 41.55cfs. The storm drain pipe being constructed with the interim plan have been sized to accommodate future flow, however a second storm drain connection to the McMahon storm drain maybe necessary to discharge a future runoff.

VI. CONCLUSION

This plan provides hydrologic and hydraulic considerations for McMahon Marketplace. These flows can be safely conveyed by the improvements proposed in this plan to the existing storm systems, which have adequate capacity to accept such runoff. With the exception of the approximate 8cfs difference in the total developed flow and the allowable discharge in McMahon as stated above. This information provides adequate supporting documentation and guidance for approval of this plan.

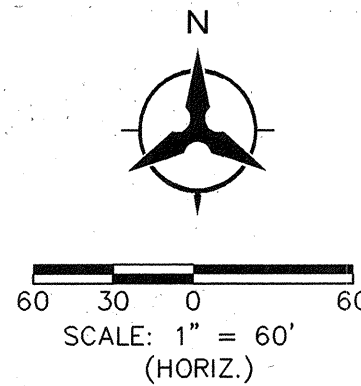
FULLY DEVELOPED CONDITIONS FOR INLETS IN MCMAHON MARKETPLACE

	INLET	CONDITION	TYPE	FLOW TO INLET 100-YR	STREET DEPTH (FT.)	GRATE CAP. (cfs)
AP1	1	ON 0.60% GRADE	"A" Double Grate	2.00	0.20	7.90
AP2	2	SUMP	"A" Single Grate	5.38	0.25	6.65
AP3	3	ON 5.35% GRADE	"D" Single Grate	7.82	0.33	9.48

STORM DRAIN ANALYSIS

PIPE NO.	SIZE/TYPE	LENGTH (ft.)	SLOPE (%)	INTERIM Q (100-YR, cfs)	ULTIMATE Q (100-YR, cfs)	PIPE CAPACITY (100-YR, CFS)
SD1	18" SD	124.00	2.51	2.00	2.00	16.64
SD2	24" SD	32.00	0.60	0.00	13.28	17.52
SD3	24" SD	56.89	1.00	5.38	18.66	22.64
SD4	24" SD	189.15	0.86	7.38	20.66	20.98
SD5	24" SD	94.25	6.18	15.20	28.48	56.24
*EXSD6	36" SD	N/A	0.92	26.20	52.55	63.97
SD7	18" SD	6.00	2.00	0.00	7.77	14.87

* EX STORM DRAIN INFO TAKEN FROM CPN 618591 SHEET 51
Q100 FROM INLET IN MCMAHON = 11cfs
ALLOW DISCHARGE FROM SITE = 41.55cfs
ULTIMATE Q100 = 52.55cfs
INTERIM = 15.20cfs + 11cfs = 26.20 cfs



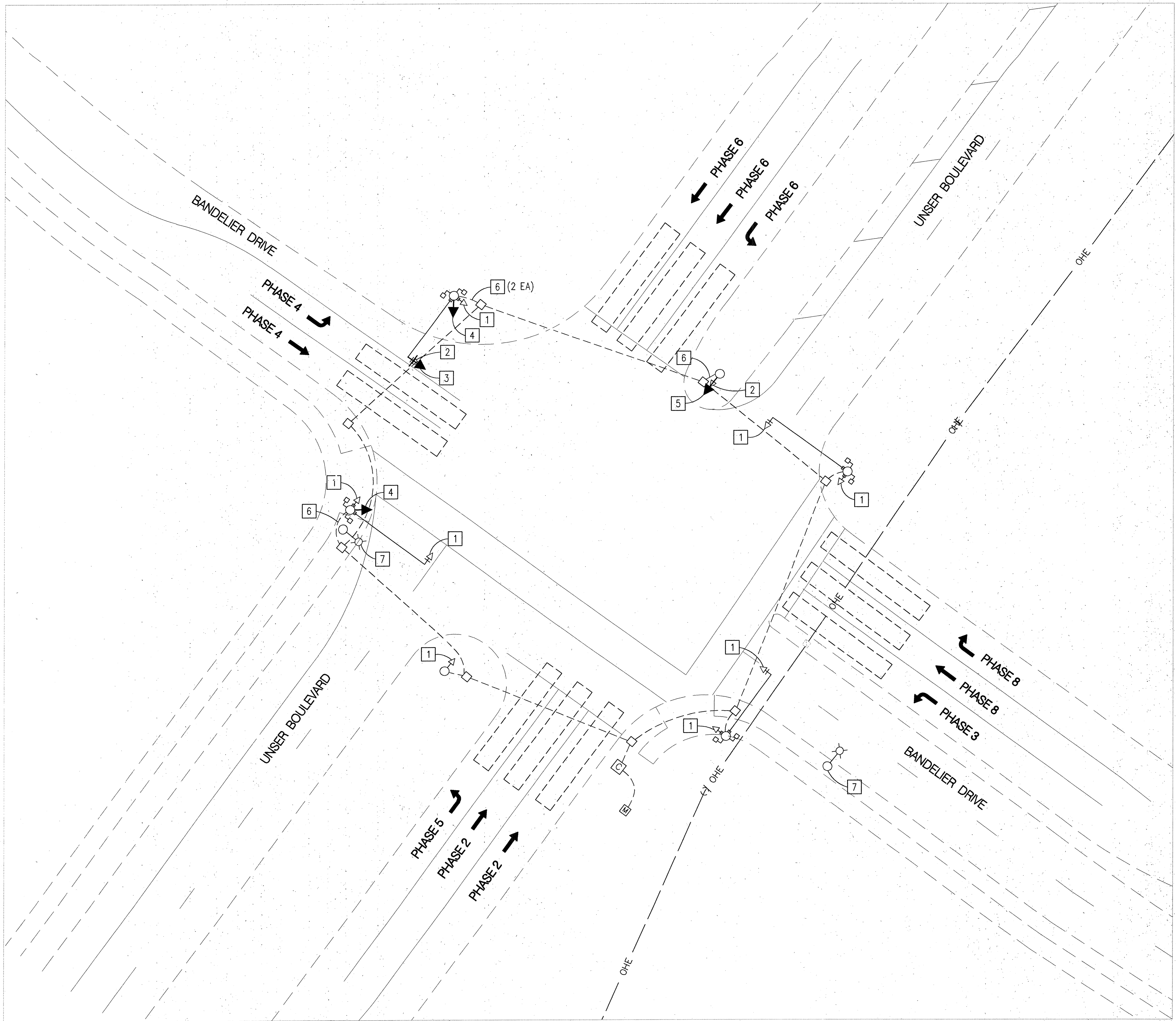
INFO ONLY

Bohannan Huston

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

ENGINEERING ■ SPATIAL DATA ■ ADVANCED TECHNOLOGIES

SHEET 16 C OF 17
SHEET 16 C OF 17



KEYED NOTES

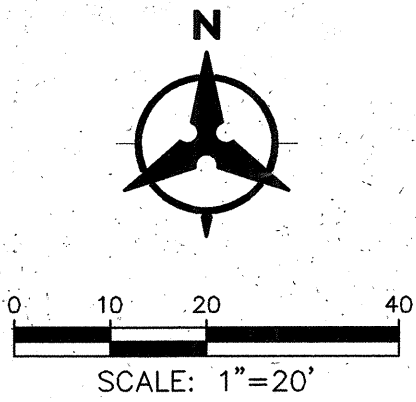
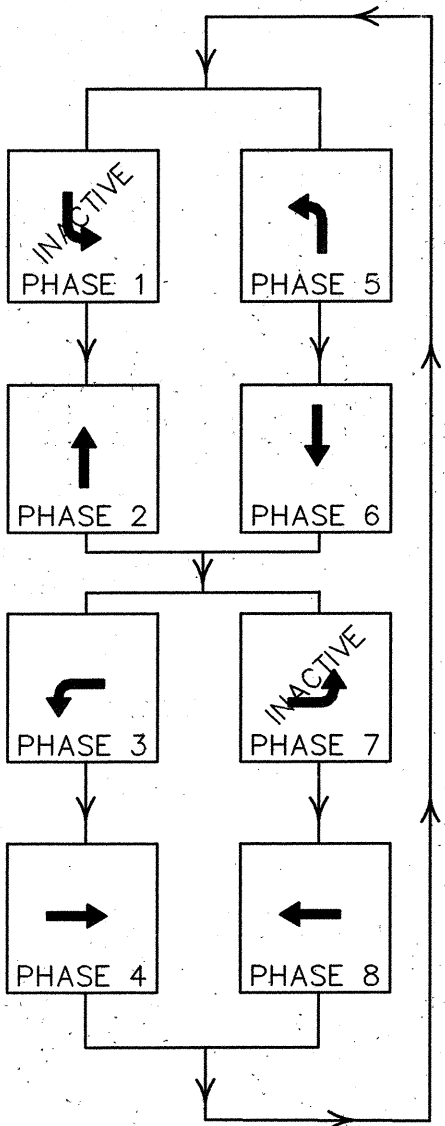
- 1 EXISTING 3-SECTION SIGNAL HEAD TO REMAIN
- 2 EXISTING 3-SECTION SIGNAL HEAD TO BE REMOVED AND DELIVERED TO THE CITY OF ALBUQUERQUE PISO YARDS (TRAFFIC OPERATIONS)
- 3 INSTALL NEW HORIZONTAL 5-SECTION SIGNAL HEAD AND BACKPLATE ON EXISTING MASTARM POLE
- 4 INSTALL NEW VERTICAL 5-SECTION SIGNAL HEAD ON EXISTING MASTARM POLE
- 5 INSTALL NEW VERTICAL 5-SECTION SIGNAL HEAD ON EXISTING PEDESTAL POLE
- 6 INSTALL NEW MCC7 FROM PULL BOX TO NEW SIGNAL HEAD IN EXISTING CONDUIT
- 7 EXISTING STREET LIGHT TO REMAIN

NOTES

1. EXISTING MASTARMS AND PEDESTAL POLES TO REMAIN.
2. EXISTING SIGNAL CONDUITS AND WIRING TO REMAIN.
3. EXISTING DETECTOR LOOPS TO REMAIN.
4. EXISTING PEDESTRIAN SIGNAL HEADS AND PUSH BUTTONS TO REMAIN.
5. EXISTING SIGNAL CONTROLLER AND CABINET TO REMAIN.
6. CONTRACTOR TO FIELD INVENTORY EXISTING WIRING AND DOCUMENT FIELD CONNECTIONS OF MASTARMS, PEDESTAL POLES AND CONTROLLER CABINET. REWIRE AS NECESSARY TO ACCOMMODATE NEW 5-SECTION SIGNAL HEADS.

RECORD DRAWINGS

SIGNAL PHASING



FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

ypm
5-11-11

BH JOB NO. 090090

Bohannon & Huston
7500 Jefferson St. NE Albuquerque, NM 87109-4395
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES



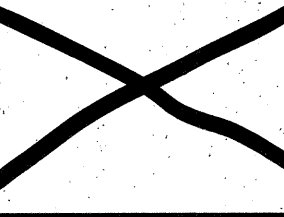
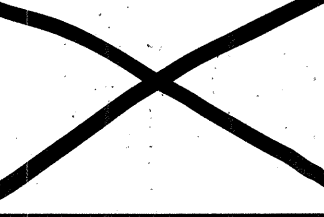
CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

CVS PHARMACY MCMAHON / UNSER BLVD.
TRAFFIC SIGNAL
MODIFICATION PLAN

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

MO./DAY/YR. MO./DAY/YR.



LAST DESIGN UPDATE		

CITY PROJECT NO.	777283	ZONE MAP NO.	A-11	SHEET	17	OF	17
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