

CITY OF ALBUQUERQUE, NEW MEXICO

APRIL 2010

CONSTRUCTION PLANS FOR

UNIVERSITY of NEW MEXICO

UNIVERSITY ARENA RENOVATIONS

CITY PROJECT NO. 5665-85

INDEX OF DRAWINGS

SHEET	DESCRIPTION
GENERAL	
1	G-001 COVER SHEET
CIVIL	
2	C-100 EXISTING CONDITIONS / DEMOLITION PLAN
3	C-101 AVENIDA CESAR CHAVEZ S.E. ROADWAY IMPROVEMENTS
4	C-102 UNIVERSITY BLVD. ROADWAY IMPROVEMENTS
5	C-103 AVENIDA CESAR CHAVEZ S.E. STORM DRAINAGE
6	C-104 UNIVERSITY BLVD. STORM DRAINAGE
7	C-500 MISCELLANEOUS DETAILS



VICINITY MAP
COA ZONE ATLAS MAP L-15

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR THE CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS INSTRUMENT ARE OWNED BY AND THE PROPERTY OF MOLZEN-CORBIN & ASSOCIATES, AND WERE CREATED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. THESE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL NOT BE USED BY ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF MOLZEN-CORBIN & ASSOCIATES.

THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH MUNICIPAL OFFICIALS, AND PREVIOUS CONSTRUCTION DOCUMENTS. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES AND UTILITY CONNECTION POINTS IN THE VICINITY OF REQUIRED WORK MAY BE DIFFERENT FROM THE LOCATION SHOWN ON THESE DRAWINGS. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL DESTRUCTIIONS. SHALL A CONFLICT EXIST THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

NUMERIC SCALE CONFIRMATION
DRAWINGS ARE DEPICTED AT INTENDED
NUMERIC SCALES
IF THIS BAR EQUALS ONE INCH

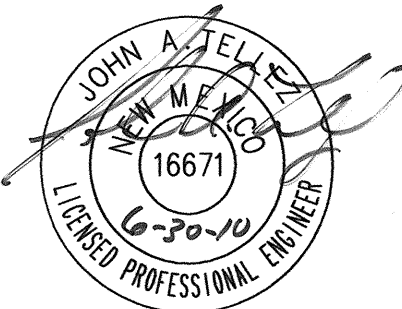
2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.242.5700
FAX: 505.242.0673



MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

CERTIFICATION:

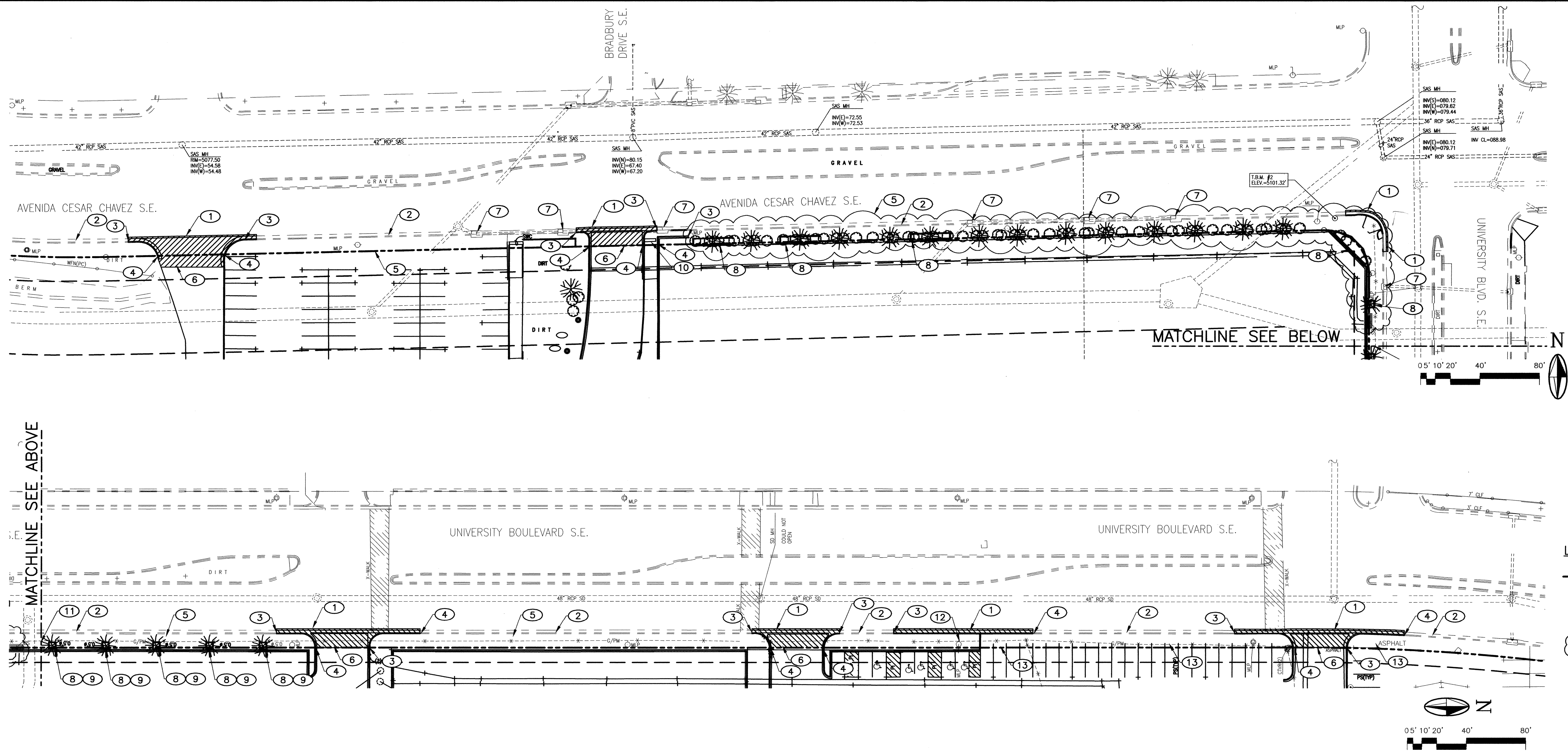
I, JOHN A. TELLEZ, REGISTERED PROFESSIONAL ENGINEER NO. 16671
HEREBY CERTIFY THAT THE FOLLOWING PLANS AND DESIGNS WERE MADE
UNDER MY SUPERVISION AND DIRECTION AND THAT SAME IS TRUE AND
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF



N.M.P.E.

NO. 16671

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	<i>A. Woodall</i>	8/3/10	APPROVED FOR CONSTRUCTION		
		Transportation	<i>[Signature]</i>	7-1-10			
		Water/Wastewater	<i>[Signature]</i>	7-1-10			
		Hydrology	<i>[Signature]</i>	7-1-10			
		Aviation					
		Constr. Mngnt.					
City Project No.					City Engineer Date		
5665-85					Sheet 1 of 7 G-001		



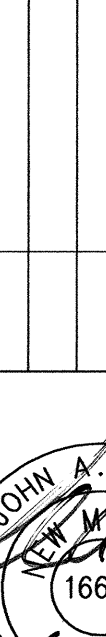
- KEYED NOTES**
- SAWCUT NEAT LINE, REMOVE, DISPOSE & REPLACE 12" STRIP EXISTING ASPHALT PER COA STD DWG 2465 - ARTERIAL PAVEMENT
 - EXISTING CURB & GUTTER TO REMAIN UNDISTURBED
 - BEGIN CURB & GUTTER REMOVAL SAWCUT NEAT LINE, REMOVE & DISPOSE TO NEAREST STONE FOR PRIVATE ENTRANCE INSTALLATION.
 - END CURB & GUTTER REMOVAL
 - REMOVE & DISPOSE EXISTING SIDEWALK
 - SAWCUT NEAT LINE, REMOVE & DISPOSE EXISTING ASPHALT FOR NEW PRIVATE ENTRANCE INSTALLATION
 - EXISTING STORM DRAIN INLET TO REMAIN UNDISTURBED
 - EXISTING PLANTERS TO BE REMOVED AND DISPOSED
 - REMOVE & DISPOSE EXISTING TREE/SHRUB
 - REMOVE & DISPOSE EXISTING SIDEWALK CULVERT
 - EXISTING BUS SHELTER TO REMAIN UNDISTURBED
 - EXISTING STREET LIGHT TO BE REMOVED AND RELOCATED BY PNM
 - SAWCUT NEAT LINE, REMOVE & DISPOSE EXISTING ASPHALT FOR NEW SIDEWALK INSTALLATION

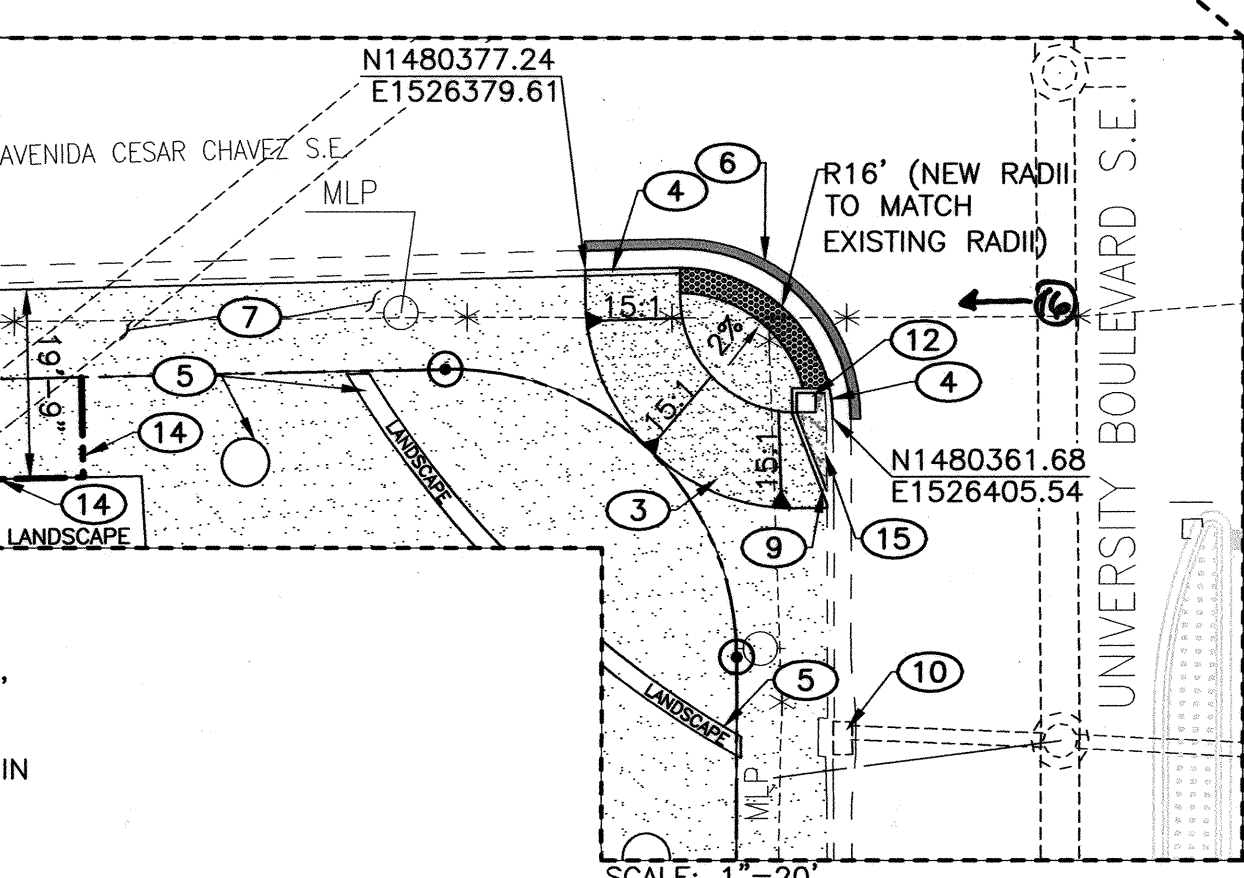
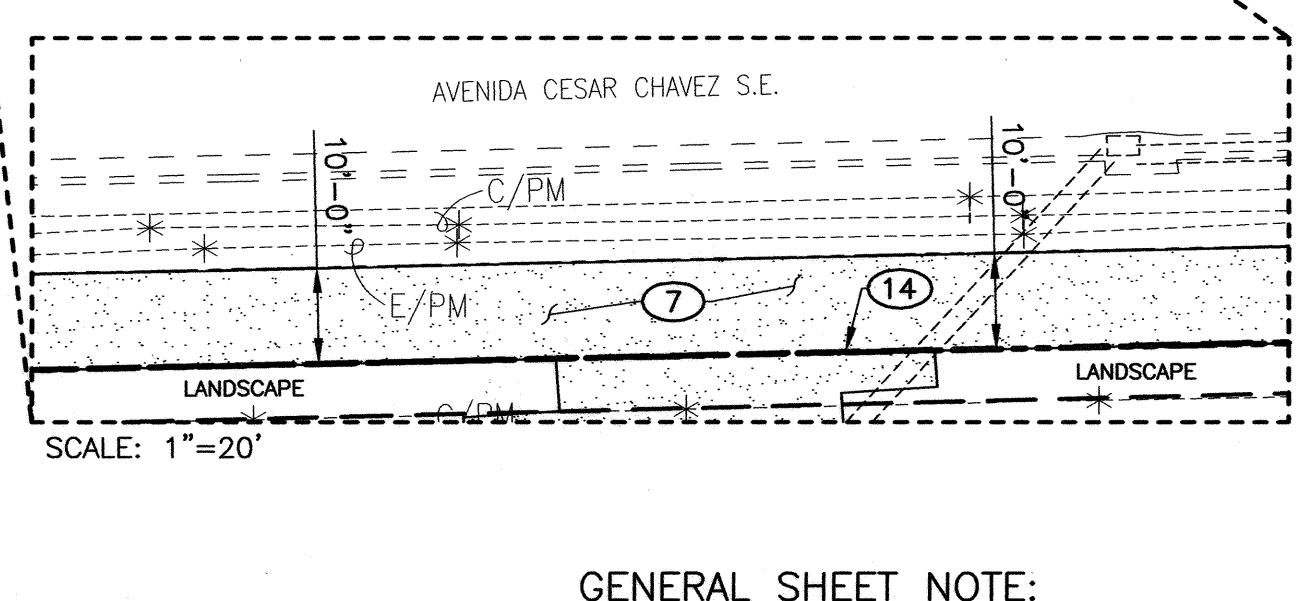
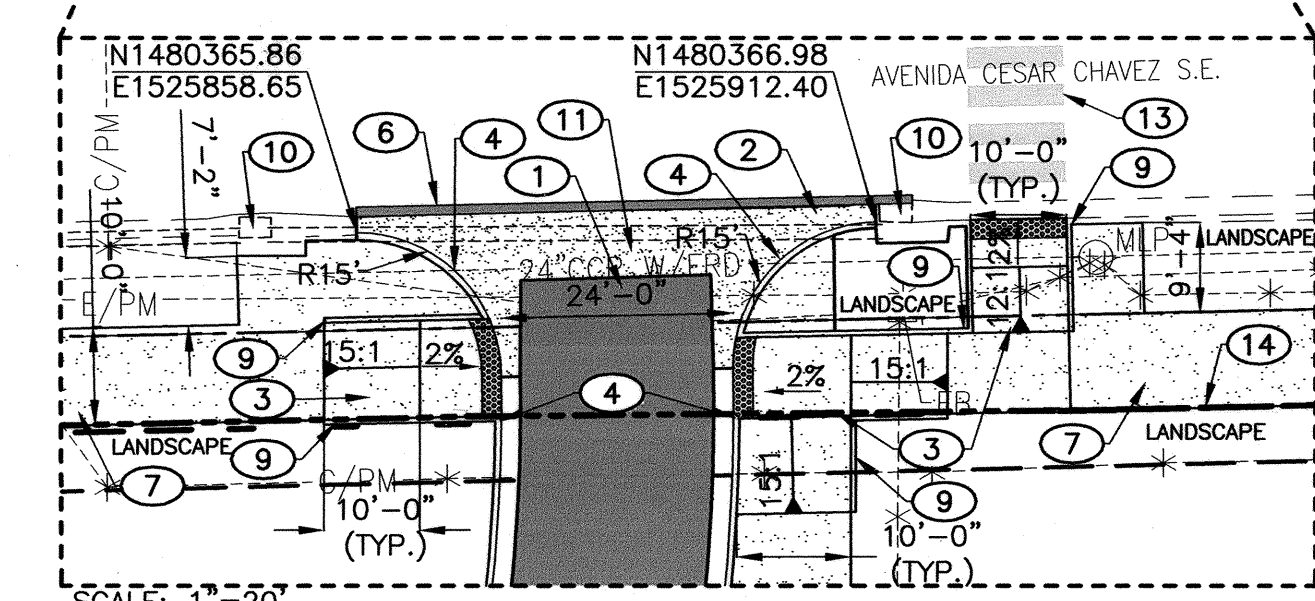
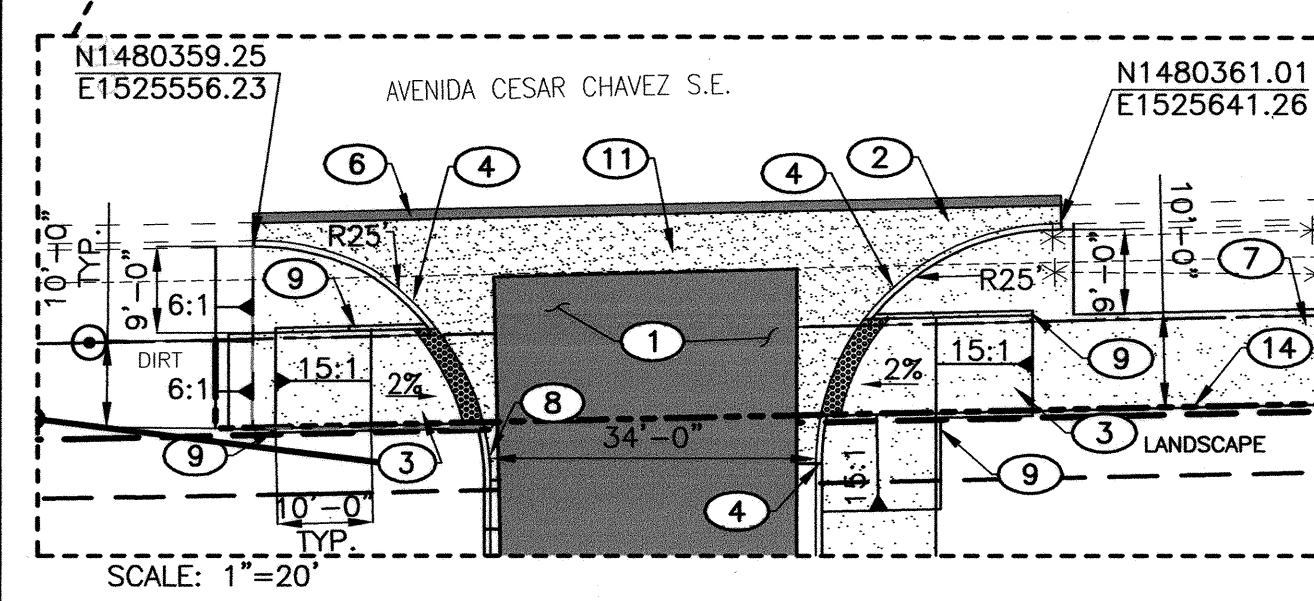
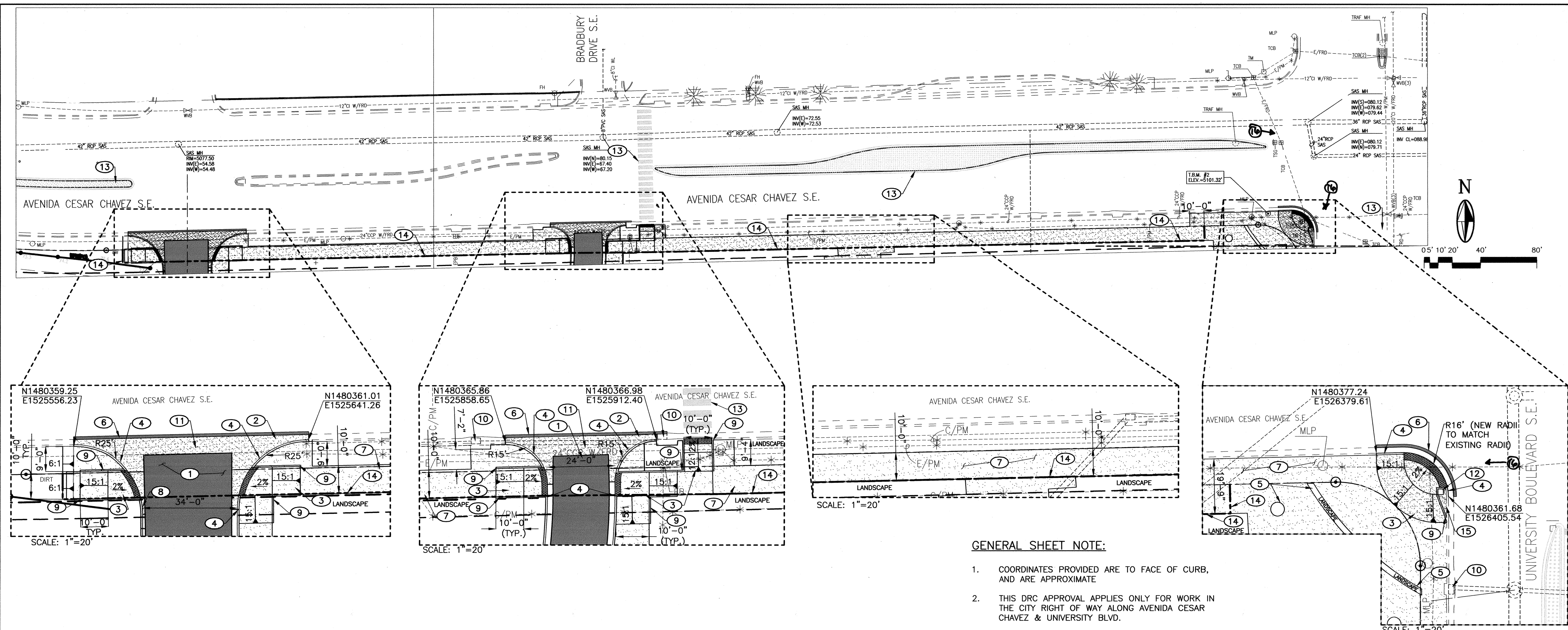
- GENERAL SHEET NOTE:**
- ELECTRICAL PULL BOXES TO BE ADJUSTED TO NEW FINISH GRADE.
 - EXISTING STREET LIGHTS TO REMAIN UNDISTURBED UNLESS OTHERWISE NOTED.

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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: UNIVERSITY ARENA RENOVATIONS			
EXISTING CONDITIONS / DEMOLITION PLAN			
Design Review Committee APPROVE AUG 03 2010 DESIGN REVIEW COMMITTEE	City Engineer Approval PROVE AUG 18 2010 CITY ENGINEER	Last Design Update	Mo./Day/Yr. Mo./Day/Yr.
City Project No. 5665-85	Zone Map No. L-15	Sheet 2 Of 7	C-100

ENGINEER'S SEAL			SURVEY INFORMATION		FIELD NOTES		BENCH MARKS		AS BUILT INFORMATION	
					NO.	BY	DATE	A NMHC BRASS DISC STAMPED	CONTRACTOR	
								"STA 1-25-30" SET IN TOP OF A	STAKED BY	
								CONCRETE POST 0.2 FEET ABOVE	INSPECTOR'S FIELD	
								GROUND LOCATED AT THE NORTHWEST	ADJ. BY	
								CORNER OF THE 1-25 BRIDGE AND	VERIFICATION BY	
								TRANS. CORRECTED BY	DATE	
								GIBSON BOULEVARD S.E. (NOT SHOWN)	<i>MICRO-FILM INFORMATION</i>	
								ELEVATION = 5041.30 FEET	RECORDED BY	
								(NAVD 1988)	DATE	
									NO.	



- GENERAL NOTES:**
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE #7, INCLUDING AMENDMENT NO. 1, AND WILL BE REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS".
 - ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY OR EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS FROM THE CITY.
 - ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH. CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
 - ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
 - 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. ONLY THE CITY SURVEYOR SHALL REPLACE SURVEY MONUMENTS. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION 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 STANDARD SPECIFICATIONS SECTION 4.4.

- GENERAL NOTES (CONTINUED):**
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL SUBMIT TO DMD, CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE DMD, CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF STANDARD SPECIFICATIONS.
 - TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
 - CONTRACTOR SHALL ASSIST THE ENGINEER IN THE RECORDING OF 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.
 - AT HIS OWN EXPENSE, CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, CURB AND GUTTER, HANDICAP RAMPS, AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE, PER STANDARD SPECIFICATIONS.
 - CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY.
 - CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.
 - CONTRACTOR SHALL DETERMINE IN ADVANCE OF HIS CONSTRUCTION IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION TO CONSTRUCTION OPERATIONS IS EVIDENT, CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF CONTRACTOR.

- GENERAL NOTES (CONTINUED):**
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES AND/OR OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 - CONTRACTOR SHALL SUPPORT ALL EXISTING UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND/OR SEWER LINE COSTS.
 - CONTRACTOR IS TO SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES AND CABLE TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CABLE IS TO BE SUPPORTED AT A MAXIMUM OF EVERY FIFTEEN (15) FEET. CONTRACTOR SHALL COORDINATE WITH AND MAKE NECESSARY PAYMENT (IF ANY) TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES OR SUPPORT OF CABLES BY THE UTILITY OWNER.
 - ALL BACKFILL FOR TRENCHES WITHIN THE COA RIGHT-OF-WAY SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY STANDARD SPECIFICATIONS SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2465.
 - CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.
 - ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
 - WHEN ABUTTING EXISTING PAVEMENT TO NEW, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE FIELD ENGINEER, REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.
 - REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK SHALL BE TO THE NEAREST JOINT OR SAW CUT.
 - AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT OF WAY.

GENERAL SHEET NOTE:

- COORDINATES PROVIDED ARE TO FACE OF CURB, AND ARE APPROXIMATE
- THIS DRC APPROVAL APPLIES ONLY FOR WORK IN THE CITY RIGHT OF WAY ALONG AVENIDA CESAR CHAVEZ & UNIVERSITY BLVD.

KEYED NOTES

- INSTALL 3" ASPHALT SEE PAVEMENT SECTION SHEET C-500
- INSTALL PRIVATE ENTRANCE PER COA STD DWG 2426
- INSTALL ADA ACCESS RAMP W/ DETECTABLE WARNING SURFACES. DESIGN PER ADA GUIDELINES. SUBMIT SPECS TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION. ADA ACCESS RAMP TO BE 6" REINFORCED CONCRETE WITH #4 REBARS. SEE REINFORCED CONCRETE DETAIL C2 SHEET C-500
- INSTALL STANDARD CURB & GUTTER PER COA STD DWG 2415A
- LANDSCAPE AREAS FLUSH TO GROUND (TYP) COLORED CONCRETE. TO BE MAINTAINED BY UNM.
- INSTALL 12" STRIP NEW ASPHALT MATCH EXISTING PAVEMENT SECTION PER COA STD DWG 2465 - ARTERIAL PAVEMENT.
- INSTALL 4" CONCRETE SIDEWALK SEE DETAIL C5 SHEET C-500
- INSTALL MEDIAN CURB & GUTTER PER COA STD DWG 2415B
- INSTALL HEADER CURB & GUTTER PER COA STD DWG 2415B
- EXISTING STORM DRAIN INLET
- 6" VALLEY GUTTER PER COA STD DWG 2420
- EXISTING TRAFFIC SIGNAL
- MEDIAN & CROSSWALK IMPROVEMENTS PER COA DEPARTMENT OF MUNICIPAL DEVELOPMENT PROJECT NO. 771405. (NOT PART OF THIS WORK ORDER)
- PUBLIC ACCESS EASEMENT DOC NO: 2010080775 DATE: 06-24-10, 03:33 PM 7/20/2010 8/03/2010
- CONCRETE FILL AREA BETWEEN CURB LINES & PAINT YELLOW
- Existing Striping will be restriped per Project #566586

LEGEND

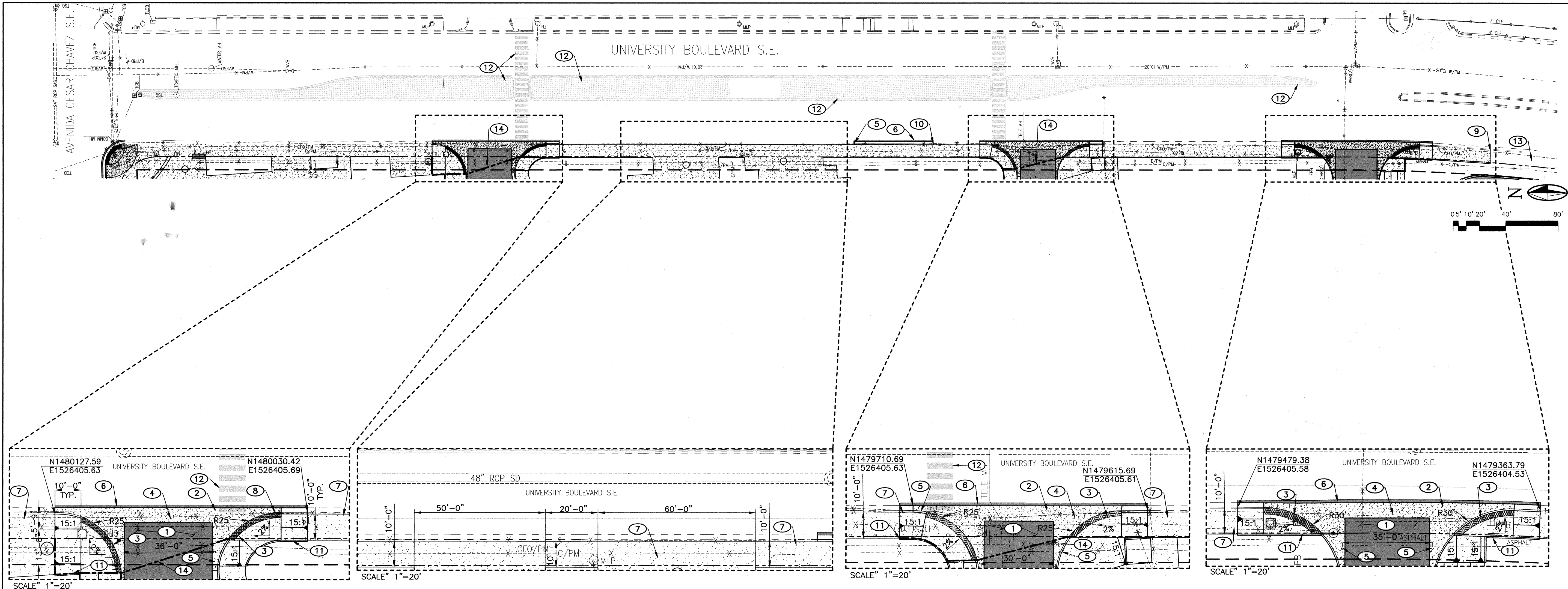
- EXISTING COA R.O.W. LINE
- NEW PUBLIC ACCESS EASEMENT
- STORM DRAIN EASEMENT LINE
- NEW ASPHALT
- NEW CONCRETE
- NEW CONCRETE
- DETECTABLE WARNING SURFACE
- EXISTING LIGHT POLE

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TITLE: UNIVERSITY ARENA RENOVATIONS			
AVENIDA CESAR CHAVEZ S.E. ROADWAY IMPROVEMENTS			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet 3	Of 7
5665-85	L-15		C-101

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		NO.	FIELD NOTES	A NMHC BRASS DISC STAMPED		CONTRACTOR	
			BY	DATE	DESIGNED BY	DATE	
					REVISIONS	DATE	
					FIELD ACCEPTANCE BY	DATE	
					DRAWING LOCATION BY	DATE	
					DRAWINGS	DATE	
					CORRECTED BY	DATE	
				MICRO-FILM INFORMATION			
				GIBSON BOULEVARD S.E. (NOT SHOWN)		RECORDED BY	DATE
				ELEVATION = 5041.30 FEET			
				(NAVD 1988)		NO.	



GENERAL SHEET NOTE:

- COORDINATES PROVIDED ARE TO FACE OF CURB, AND ARE APPROXIMATE

KEYED NOTES

- INSTALL 3" ASPHALT SEE PAVEMENT SECTION SHEET C-500
- INSTALL PRIVATE ENTRANCE PER COA STD DWG 2426
- INSTALL ADA ACCESS RAMP W/ DETECTABLE WARNING SURFACES. DESIGN PER ADA GUIDELINES. SUBMIT SPECS TO CONSTRUCTION ENGINEER FOR EVALUATION PRIOR TO CONSTRUCTION.
- 6' VALLEY GUTTER PER COA STD DWG 2420
- INSTALL STANDARD CURB & GUTTER PER COA STD DWG 2415A
- INSTALL 12" STRIP NEW ASPHALT MATCH EXISTING PAVEMENT SECTION PER COA STD DWG 2465 - ARTERIAL PAVEMENT
- INSTALL 4" CONCRETE SIDEWALK SEE DETAIL C5 SHEET C-500
- EXISTING SIGN TO BE REMOVED AND RELOCATED
- END NEW SIDEWALK INSTALLATION
- END STANDARD CURB & GUTTER INSTALLATION PER COA STD DWG 2415A
- INSTALL HEADER CURB & GUTTER PER COA STD DWG 2415B
- MEDIAN & CROSSWALK IMPROVEMENTS PER COA DEPARTMENT OF MUNICIPAL DEVELOPMENT PROJECT NO. 771405. (NOT PART OF THIS WORK ORDER)
- EXISTING SIDEWALK TO REMAIN UNDISTURBED
- PUBLIC ACCESS EASEMENT
DOC NO: 2010072204 and 2010078261
DATE: 06-24-10, 03:33 PM 7/20/2010 and 8/03/2010

LEGEND

- EXISTING COA R.O.W. LINE
- NEW PUBLIC ACCESS EASEMENT
- STORM DRAIN EASEMENT LINE
- NEW ASPHALT
- NEW CONCRETE
- NEW CONCRETE
- DETECTABLE WARNING SURFACE
- EXISTING LIGHT POLE

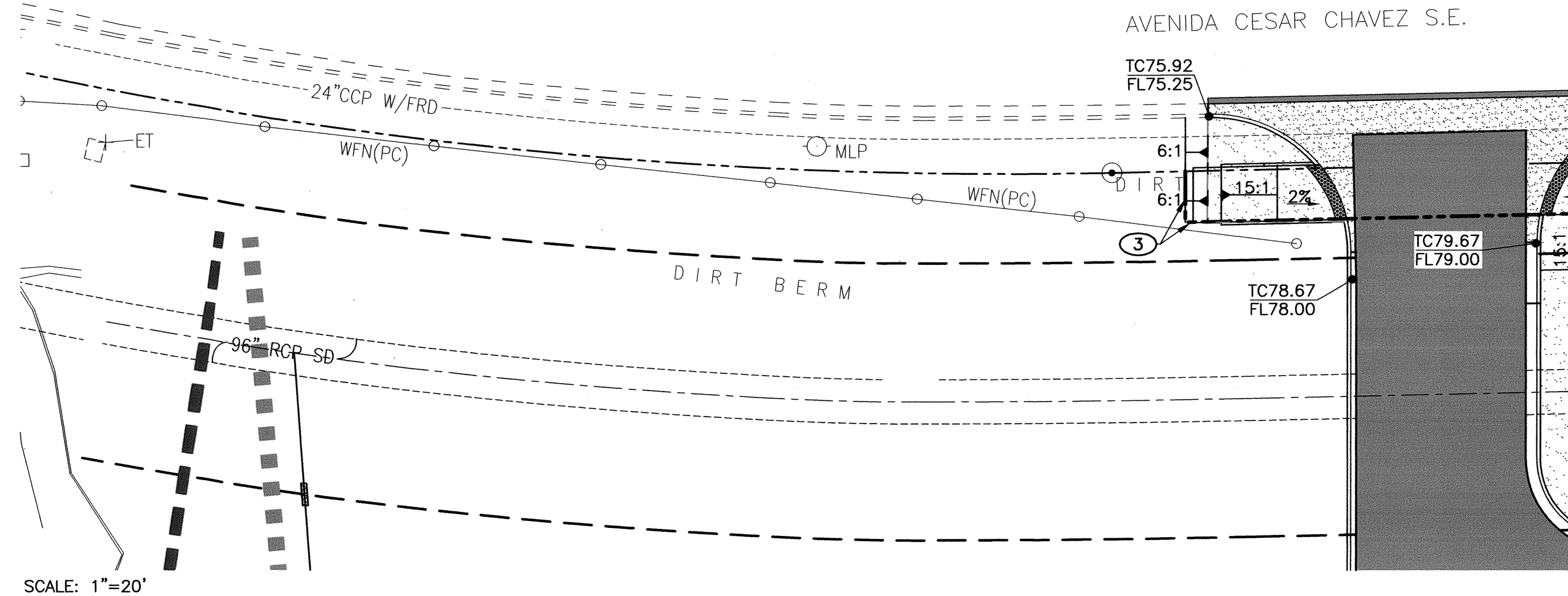
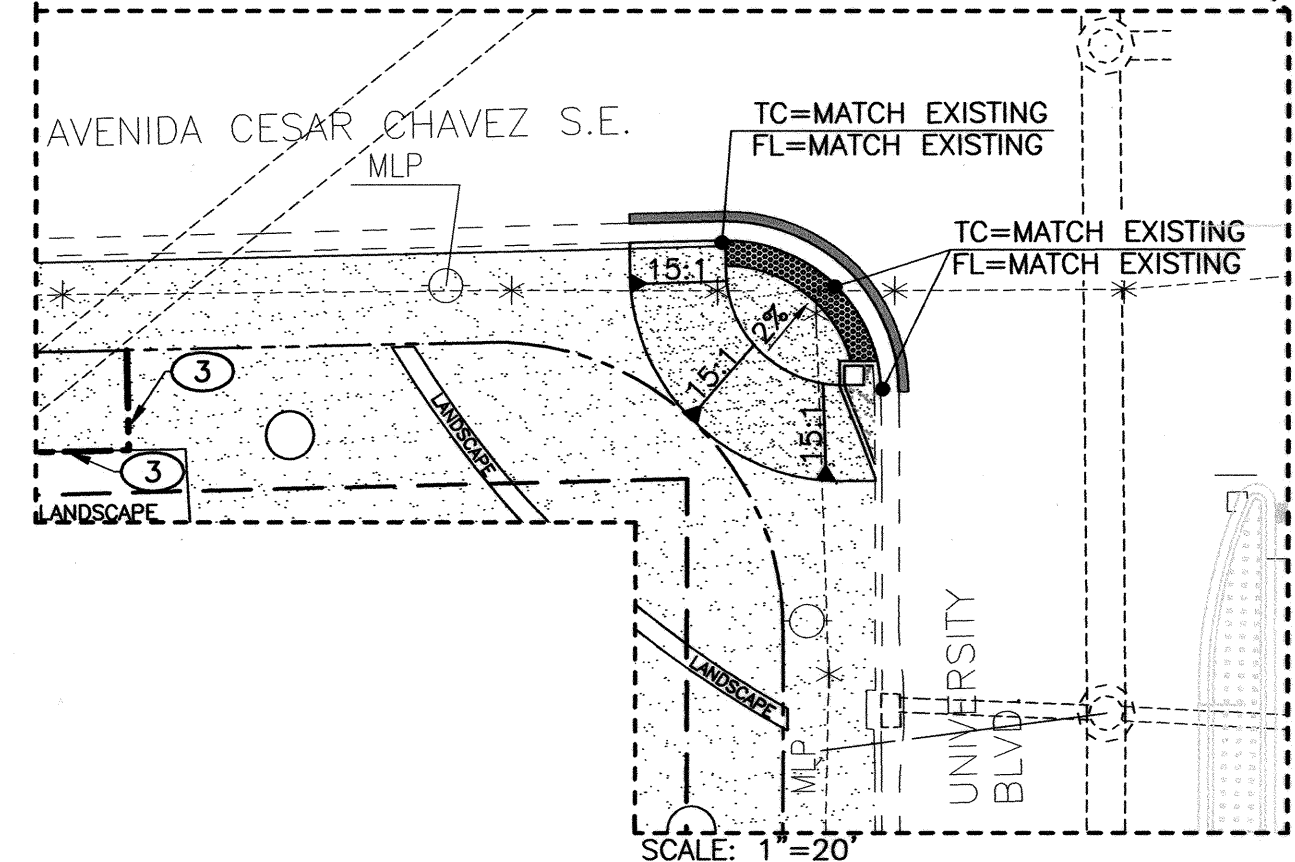
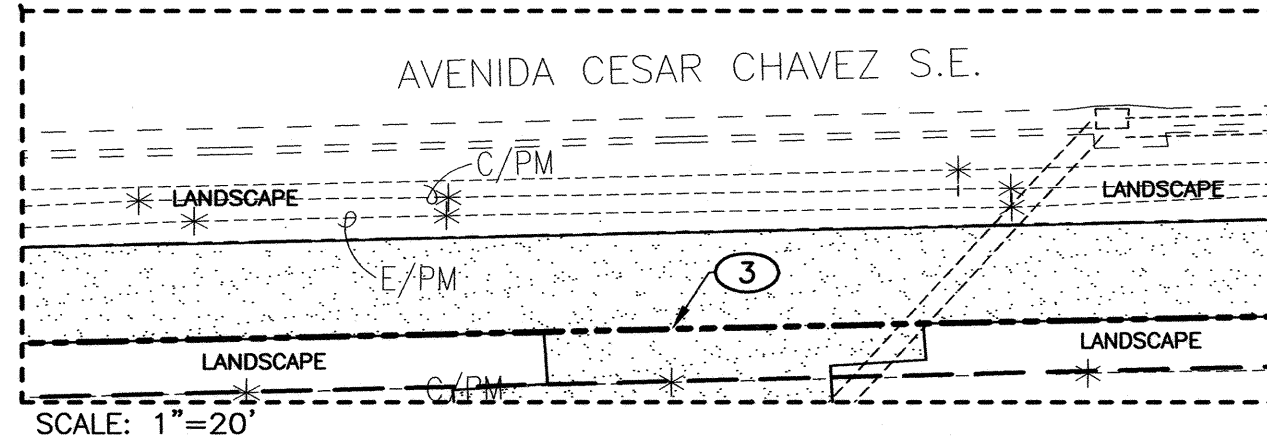
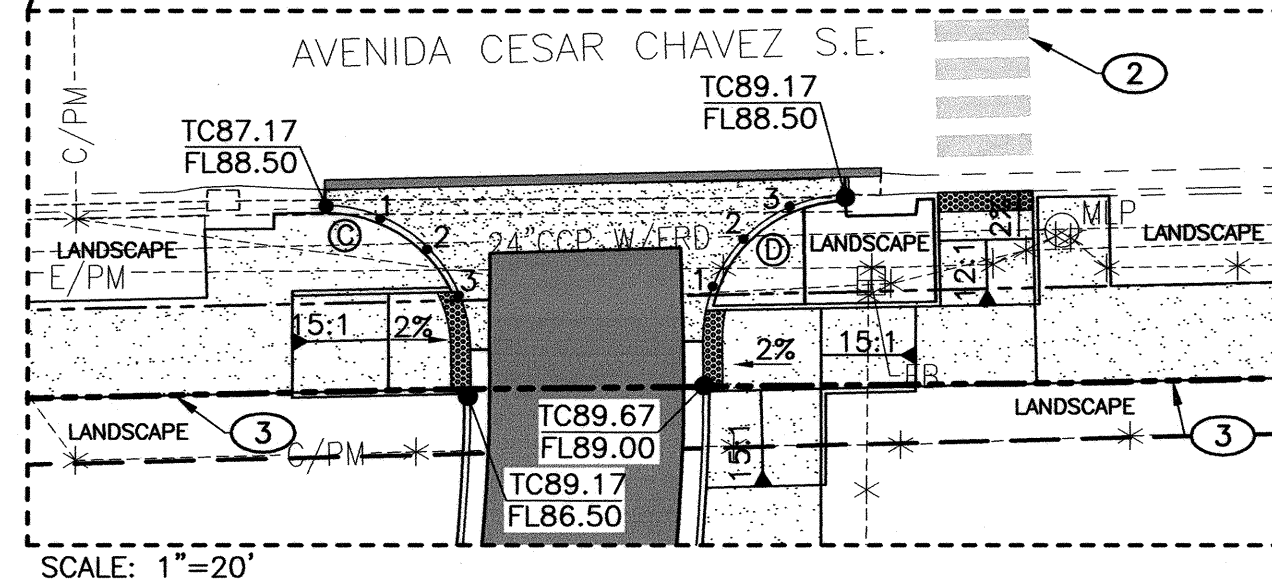
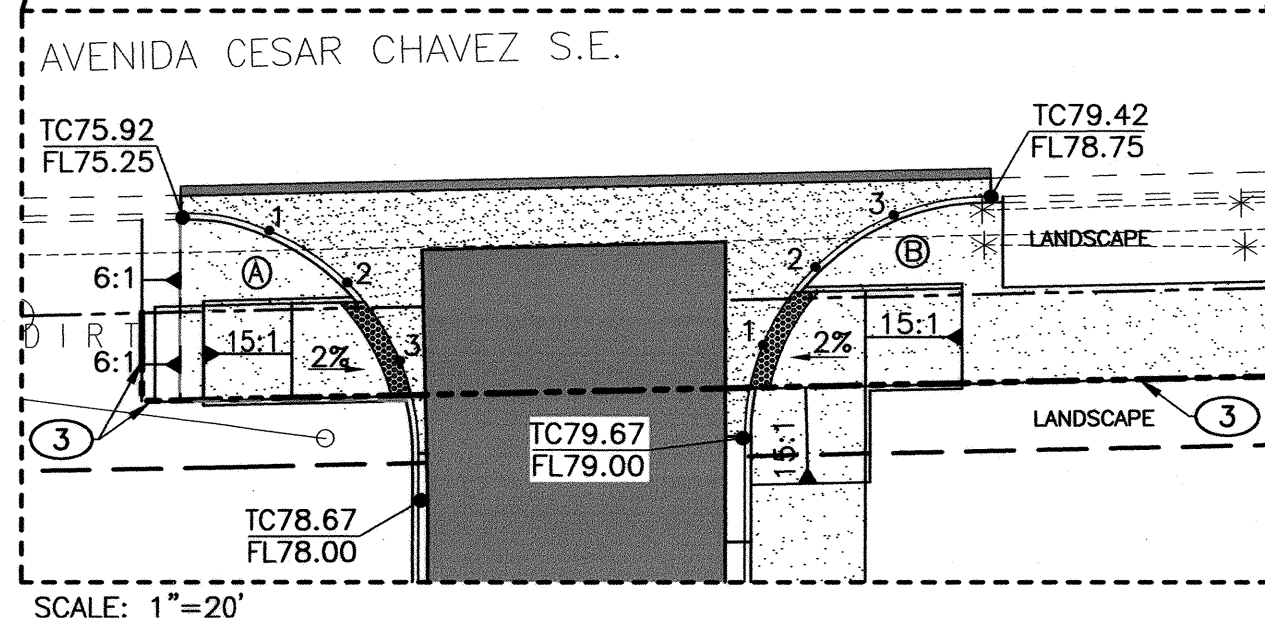
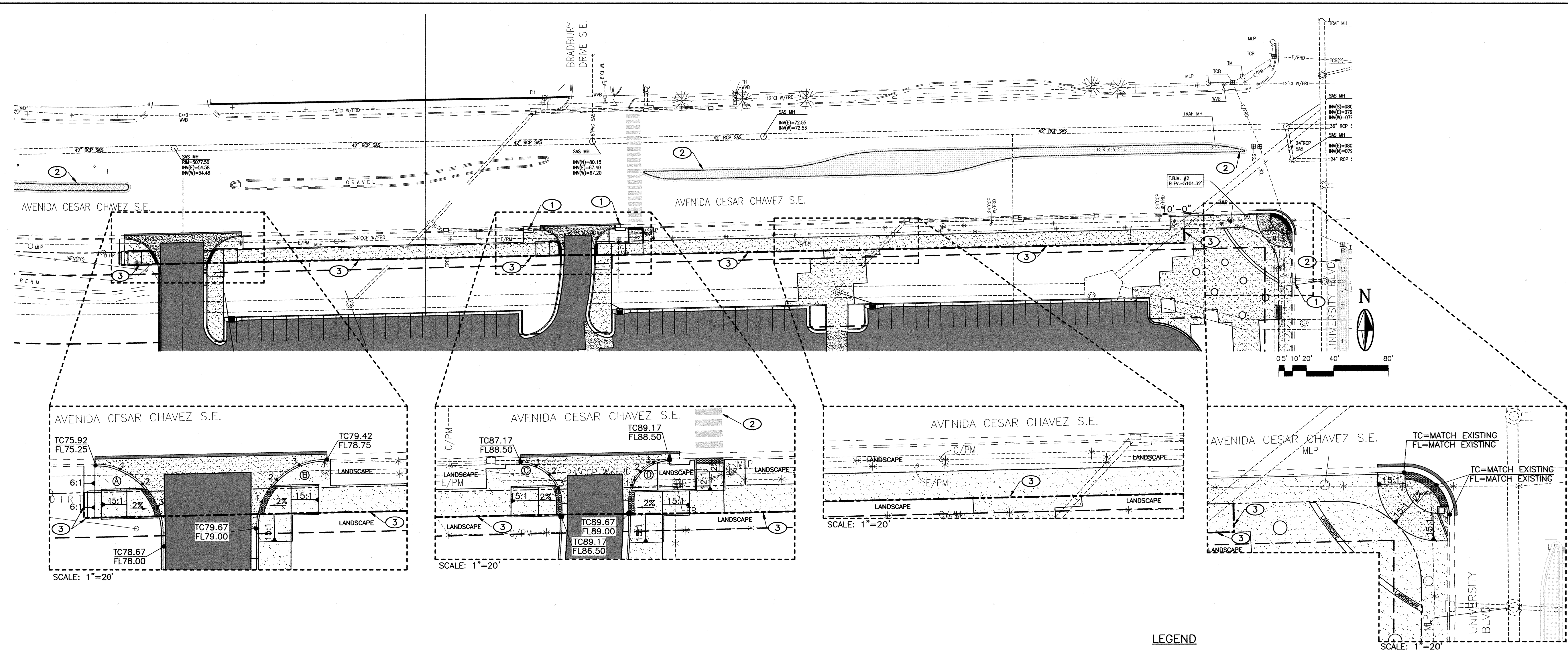
CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE SHOWN IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

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UNIVERSITY BLVD. ROADWAY IMPROVEMENTS			
Design Review Committee APPROVE AUG 03 2010 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE AUG 18 2010 CITY ENGINEER	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 5665-85	Zone Map No. L-15	Sheet 4	Of 7
		C-102	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
	NO.	DATE	BY	A NMSHC BRASS DISC STAMPED "STA 1-25-30" SET IN TOP OF A CONCRETE POST 0.2 FEET ABOVE GROUND LOCATED AT THE NORTHWEST CORNER OF THE I-25 BRIDGE AND GIBSON BOULEVARD S.E. (NOT SHOWN) ELEVATION = 5041.30 FEET (NAVD 1988)	CONTRACTOR WORK BY INSPECTOR'S ACCEPTANCE BY DATE DRAWING DATE RECORDED BY DATE NO.	MICRO-FILM INFORMATION	DATE



KEYED NOTES

- EXISTING STORM DRAIN INLET
- MEDIAN & CROSSWALK IMPROVEMENTS PER COA DEPARTMENT OF MUNICIPAL DEVELOPMENT PROJECT NO. 771405. (NOT PART OF THIS WORK ORDER)
- PUBLIC ACCESS EASEMENT
DOC NO: 2010050775 2010072204 and 2010078261
DATE: 06-24-10, 03:33 PM 7/20/10 and 8/3/10

LEGEND

- EXISTING COA R.O.W. LINE
- NEW PUBLIC ACCESS EASEMENT
- STORM DRAIN EASEMENT LINE
- NEW ASPHALT
- NEW CONCRETE
- NEW CONCRETE
- EXISTING LIGHT POLE

	TC	FL
1	76.61	75.94
2	76.63	76.63
3	77.32	77.32
$\Delta = 90^{\circ}-51'-36''$		
$L = 39.65'$		
$R = 25.00'$		
$T = 25.38'$		

	TC	FL
1	79.55	78.88
2	79.48	78.81
3	79.48	78.81
$\Delta = 90^{\circ}-00'-00''$		
$L = 39.27'$		
$R = 25.00'$		
$T = 25.00'$		

	TC	FL
1	87.67	87.00
2	88.17	87.50
3	88.00	88.00
$\Delta = 90^{\circ}-23'-13''$		
$L = 23.66'$		
$R = 15.00'$		
$T = 15.10'$		

	TC	FL
1	88.89	88.89
2	89.43	88.76
3	89.30	88.63
$\Delta = 89^{\circ}-52'-03''$		
$L = 23.53'$		
$R = 15.00'$		
$T = 14.97'$		

GENERAL SHEET NOTES

- INSTALL STORM INLET GUTTER TRANSITIONS AT ALL STORM INLET LOCATIONS PER COA STD. DWG 2207
- CONTRACTOR TO FIELD VERIFY INVERTS OF EXISTING SD LINE.
- CONTRACTOR TO FIELD VERIFY ALL NEW SD LINE CONNECTION INVERTS PRIOR TO INSTALLATION.

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE SHOWN IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

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		C-103	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		A NMISC BRASS DISC STAMPED		CONTRACTOR	
		NO.		DATE		WORK	
						CONCRETE POST 0.2 FEET ABOVE	
						GROUND LOCATED AT THE NORTHWEST	
						CORNER OF THE I-25 BRIDGE AND	
						DRAWINGS	
						GIBSON BOULEVARD S.E. (NOT SHOWN)	
						ELEVATION = 5041.30 FEET	
						RECORDED BY	
						(NAVD 1988)	

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE SHOWN IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

TC		FL
1	07.51	06.63
2	06.76	06.76
3	06.89	06.89
$\Delta = 89^{\circ}-48'-27''$ L = 39.19' R = 25.00' T = 24.92'		

TC		FL
1	07.39	07.39
2	07.26	07.26
3	07.13	07.13
$\Delta = 59^{\circ}-43'-33''$ L = 26.06' R = 25.00' T = 14.35'		

TC		FL
1	06.82	06.82
2	06.97	06.97
3	07.12	07.12
$\Delta = 90^{\circ}-07'-01''$ L = 39.32' R = 25.00' T = 25.05'		

TC		FL
1	07.51	06.84
2	06.67	06.67
3	06.50	06.50
$\Delta = 89^{\circ}-57'-27''$ L = 39.25' R = 25.00' T = 24.98'		

TC		FL
1	06.52	05.55
2	05.70	05.70
3	05.85	05.85
$\Delta = 90^{\circ}-08'-13''$ L = 47.20' R = 30.00' T = 30.07'		

TC		FL
1	06.02	05.35
2	05.20	05.20
3	05.05	05.05
$\Delta = 92^{\circ}-13'-45''$ L = 48.29' R = 30.00' T = 31.19'		

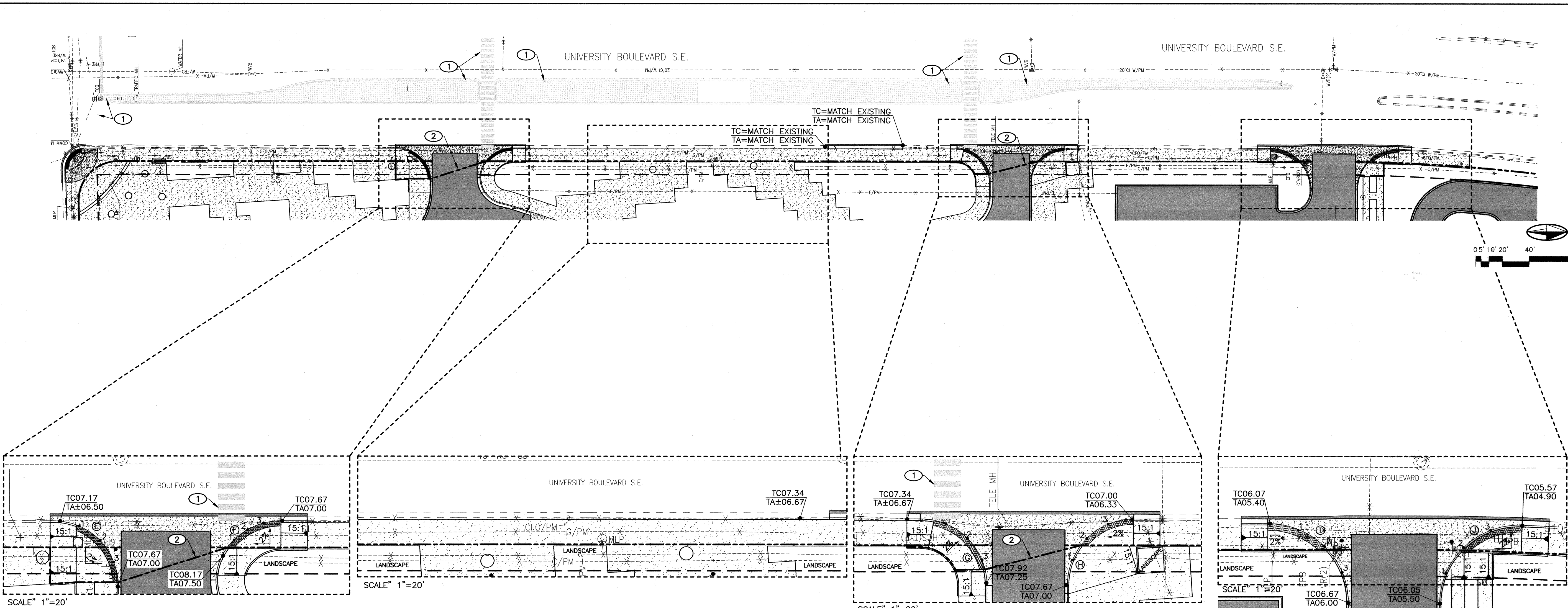
- EXISTING COA R.O.W. LINE
- NEW PUBLIC ACCESS EASEMENT
- STORM DRAIN EASEMENT LINE
- NEW ASPHALT
- NEW CONCRETE
- NEW REINFORCED CONCRETE
- EXISTING LIGHT POLE

KEYED NOTES
① MEDIAN & CROSSWALK IMPROVEMENTS PER COA DEPARTMENT OF MUNICIPAL DEVELOPMENT PROJECT NO. 771405. (NOT PART OF THIS WORK ORDER)
② PUBLIC ACCESS EASEMENT
DOC NO: 2010050775 2010072204
DATE: 06-24-10, 03:33 PM 7/20/2010
and
Doc No: 2010078261
Dated: 08/03/2010

- GENERAL SHEET NOTES
- INSTALL STORM INLET GUTTER TRANSITIONS AT ALL STORM INLET LOCATIONS PER COA STD. DWG 2207
 - CONTRACTOR TO FIELD VERIFY INVERTS OF EXISTING SD LINE.
 - CONTRACTOR TO FIELD VERIFY ALL NEW SD LINE CONNECTION INVERTS PRIOR TO INSTALLATION.

2701 MILES RD SE
ALBUQUERQUE, NM 87106
TEL: 505.242.6700
FAX: 505.242.0873
MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: UNIVERSITY ARENA RENOVATIONS	
UNIVERSITY BLVD. STORM DRAINAGE	
Design Review Committee APPROVE AUG 03 2010 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE AUG 18 2010 CITY ENGINEER
City Project No. 5665-85	Zone Map No. L-15
Sheet 6	Of 7
C-104	



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO. DATE		BY		DATE		DATE	
REMARKS		REVISIONS		DESIGN		MICRO-FILM INFORMATION	
BY		DATE		DATE		DATE	
T. TELLEZ		APRIL 2010		APRIL 2010		APRIL 2010	
J. BEHREND		APRIL 2010		APRIL 2010		APRIL 2010	
K. EADES		APRIL 2010		APRIL 2010		APRIL 2010	

28 April 2010

Plinto West
6020 Indian School Road, N.E.
Albuquerque, New Mexico 87110

RE: Pavement Recommendations
UNM Pit Renovations
UNM Campus
Albuquerque, New Mexico

Attention: Aaron K. Johnson

At your request, we have evaluated our Geotechnical Engineering Report for the UNM Pit Renovations (AMEC Job No. 8-817-00065) for the purpose of providing recommendations for asphalt concrete pavements.

Based upon the boring logs and laboratory testing from our report, we recommend that on-site pavement for automobile and light truck traffic consist of either a full-depth section of asphaltic concrete placed directly on the properly prepared subgrade, or a section consisting of an asphaltic concrete surface layer over an aggregate base course. The full depth asphalt section should have a minimum thickness of 2.75 inches in drive and parking areas. A section composed of asphaltic concrete over aggregate base should have a minimum of 2 inches of asphalt over at least 3 inches of aggregate base course material. Areas subjected to a significant number of overpasses of heavy truck traffic should have a full depth asphalt thickness of 4.0 inches or 3 inches of asphaltic concrete over 4 inches of aggregate base course.

Pavement subgrade preparation should consist of scarifying the subgrade soils to a minimum depth of 6 inches, watering as necessary to bring the upper 12 inches to as close as practicable to optimum moisture content or above and compacted to a minimum of 95 percent of maximum dry density as determined in accordance with ASTM D1557.

Should questions arise concerning the contents of the letter report, we would be pleased to discuss them with you.

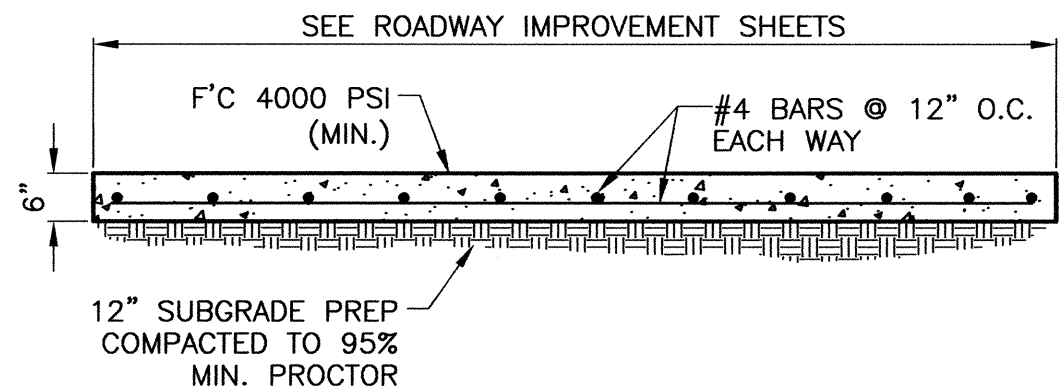
Respectfully submitted,

AMEC Earth & Environmental, Inc.
John E. Crockett, P.E.
Senior Geotechnical Engineer

REC:rk

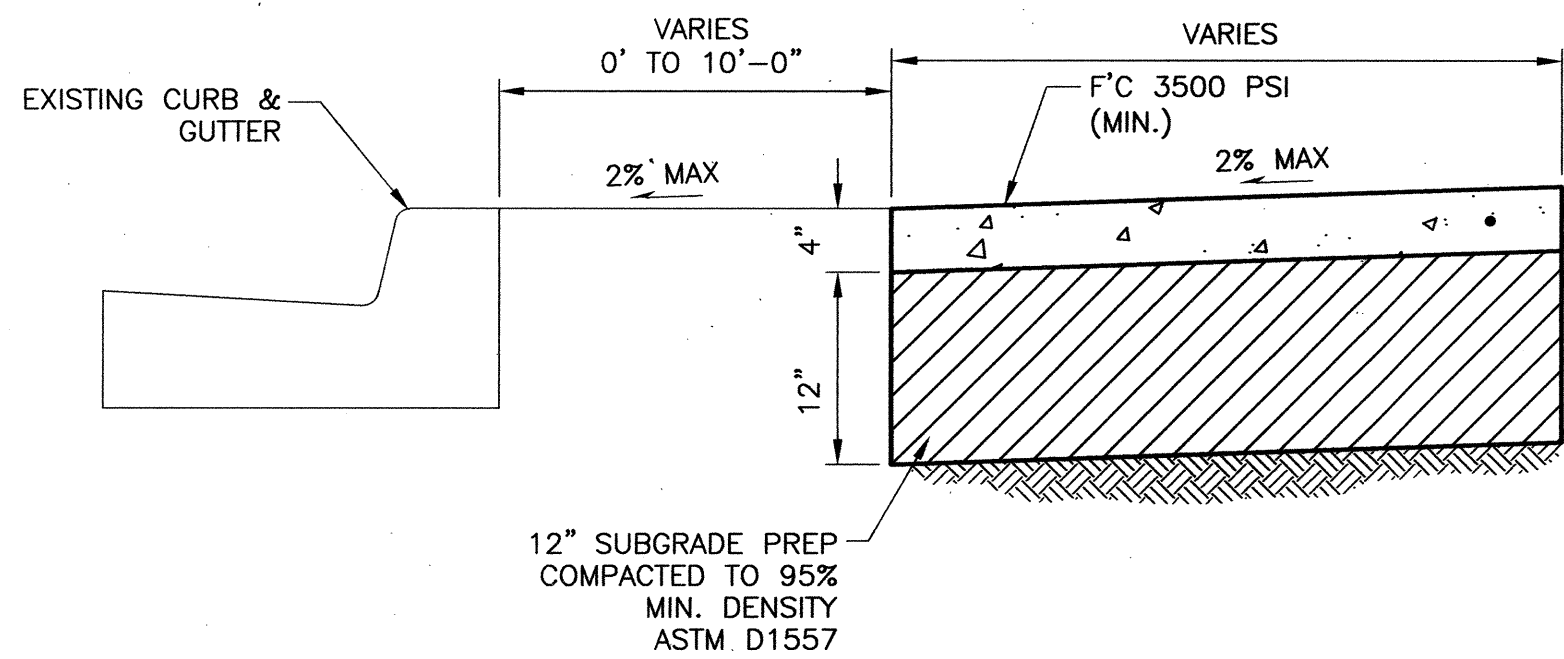
AMEC Earth & Environmental, Inc.
6016 Jefferson, N.E.
Albuquerque, New Mexico 87110
Telephone: 505.242-6700
Fax: 505.242-6771
www.amec.com

Reviewed by:
Lee J. Mitchell, P.E.
Project Manager



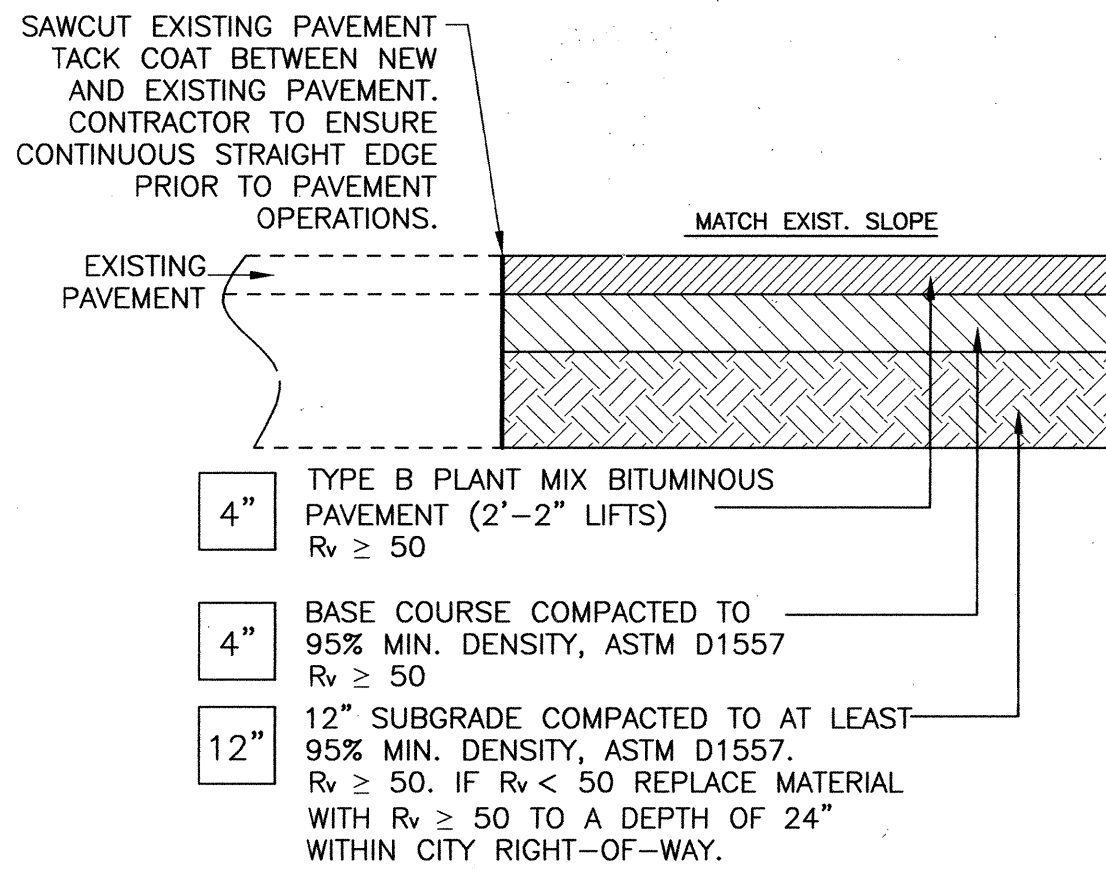
C2 REINFORCED CONCRETE
SCALE: 1"=2'

C3 PAVEMENT RECOMMENDATIONS LETTER
SCALE: N.T.S.

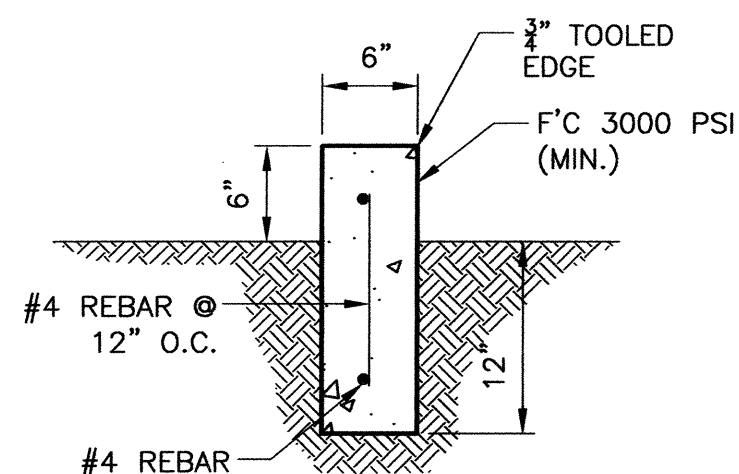


NOTES:
1. FOR ADDITIONAL CONSTRUCTION NOTES
REFER TO COA STD. DWG 2430

C5 CONCRETE SIDEWALK DETAIL
SCALE: N.T.S.



B4 ASPHALT PAVEMENT SECTION
SCALE: N.T.S.



B5 HEADER CURB DETAIL
SCALE: N.T.S. PER COA STD. DWG 2415B

2701 MILES RD SE
ALBUQUERQUE, NM 87106
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FAX: 505.242-0673

MOLZEN-CORBIN & Associates
ENGINEERS/ARCHITECTS/PLANNERS

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: UNIVERSITY ARENA RENOVATIONS			
MISCELLANEOUS DETAILS			
Design Review Committee APPROVE AUG 03 2010 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE AUG 19 2010 CITY ENGINEER	Mo./Day/Yr. Mo./Day/Yr.	Mo./Day/Yr. Mo./Day/Yr.
City Project No. 5665-85	Zone Map No. L-15	Sheet 7 Of 7	C-500