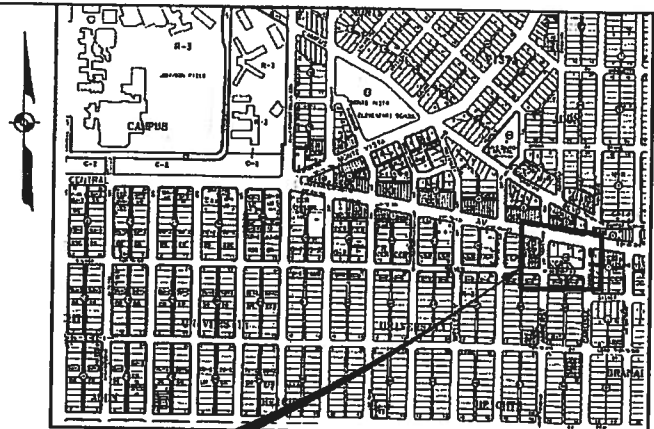


CITY OF ALBUQUERQUE NEW MEXICO

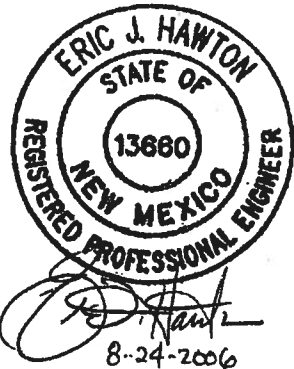


COA PROJECT
NO. 784091
LOCATION

LOCATION MAP
ZONE ATLAS MAP K-16

NTS

DEPARTMENT OF MUNICIPAL DEVELOPMENT CONSTRUCTION PLANS FOR CENTRAL AVE. AND AMHERST DR. INTERSECTION BULB OUT COA PROJECT NO. 784091



2155 LOUISIANA BLVD., NE
SUITE 9500
ALBUQUERQUE, NM 87110
MAIN: (505) 884-5065
FAX: (505) 884-5869



ONE COMPANY
Many Solutions

SHEET INDEX

1	TITLE, LOCATION MAP AND INDEX OF SHEETS	9	IRRIGATION PLAN
2	LEGEND, GENERAL NOTES, INCIDENTALS AND UTILITY OWNERS		
3	SUMMARY OF QUANTITIES		
4	CENTRAL AND AMHERST INTERSECTION PLAN		
5	CENTRAL AND AMHERST RAMP DETAILS		
6-7	CENTRAL AND AMHERST STORM DRAIN PLAN AND PROFILES		
8	CENTRAL AND AMHERST ISLE VALLEY GUTTER AND SILVER DROP INLET		

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
		DRC Chairman				APPROVED FOR CONSTRUCTION	
		Transportation					
		Water/Wastewater					
		Hydrology					
		Parks					
		Constr. Mngmt.				City Engineer Date	
		Constr. Coord.					
		City Project No.				Sheet of	
		-				1 9	

Drawn: Aug 24, 2006 - 8:12am
Checked: Aug 24, 2006 - 8:12am
Title: Legend, General Notes & Utility Contacts
Project: 784091
Zone: K-16
Sheet: 2 of 9

PROPOSED	EXISTING	DESCRIPTION
		SANITARY SEWER MANHOLE
		STORM DRAIN MANHOLE
		TELEPHONE MANHOLE
		SANITARY SEWER LINE w/SIZE & TYPE
		STORM DRAIN LINE w/SIZE & TYPE
		WATER LINE w/SIZE & TYPE
		OVERHEAD ELECTRICAL LINE
		ELECTRICAL RISER
		UNDERGROUND ELECTRICAL/TRAFFIC CONTROL
		UNDERGROUND TELEPHONE
		OVERHEAD TELEPHONE
		GAS LINE w/SIZE & TYPE
		CABLE TELEVISION LINE
		ENCASEMENT
		STORM INLET (GRADE ELEVATION GIVEN IN PLANS IS EXTENDED FLOW LINE)
		WATER RISER
		WATER VALVE
		BUTTERFLY VALVE
		FIRE HYDRANT
		REDUCER
		SAS SERVICE CONNECTION
		WATER SERVICE CONNECTION
		TEES
		CROSSES
		BENDS
		CAPS & PLUGS
		WATER METER
		GAS METER
		GAS RISER
		VALVE BOX
		POWER POLE
		TRAFFIC SIGNAL
		TRAFFIC CONTROL BOX
		PULL BOX
		TELEPHONE RISER
		TELEPHONE BOOTH
		FIRE ALARM BOX
		CURB & GUTTER
		SIDEWALK
		BLOCK WALL
		CHAIN LINK FENCE
		FIELD FENCE
		RIGHT OF WAY LINES
		PROPERTY LINES(SIDE)
		PUBLIC EASEMENT
		POWER POLE W/LIGHT
		DRIVEPAD
		MOBILITY IMPAIRED ACCESS RAMP
		C.O.A. PROJECT CONTROL POINT OR A.C.S. MONUMENT DO NOT DISTURB
		TEST BORING
		HORIZ. & VERT. CONTROL
		TREE
		TOP OF CURB ELEVATION
		FLOW LINE ELEVATION

GENERAL NOTES:

- THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 24 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE CONSTRUCTION PROJECT MANAGER.
- IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- NO MATERIAL PITS HAVE BEEN DESIGNATED FOR THIS PROJECT. THE CONTRACTOR MAY OBTAIN SPECIFICATION BORROW OR SURFACING MATERIAL FROM ANY ACCEPTABLE SOURCE.
- THE CONTRACTOR SHALL CLEAN ALL EXISTING STRUCTURES THAT ARE TO REMAIN OPERATIONAL. STRUCTURES SHALL BE CLEAN AT THE TIME OF FINAL PROJECT ACCEPTANCE. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO CONSTRUCTION. NO SEPARATE MEASUREMENT AND PAYMENT WILL BE MADE FOR CLEANING OF STRUCTURES.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.
- THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF 35 TON NON-VIBRATING ROLLER MAXIMUM TO OBTAIN THE REQUIRED COMPACTION IN PAVEMENT STRUCTURE, ROADWAY BACKFILL, EMBANKMENT, AND SUBGRADES IN URBAN AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE NO.7 AND THE NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2000 EDITION, OR AS MODIFIED BY THE PROJECT SPECIFICATIONS TITLED "PROJECT NAME", AS STATED IN THE SPECIAL PROVISIONS.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT N.M. ONE-CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- ALL NEW STREET PAVING, CURB AND GUTTER, SIDEWALKS OR DRIVEPADS SHALL MATCH THE ELEVATIONS OF ADJUTING EXISTING AREAS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE PROJECT MANAGER.
- THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW ADDITIONAL CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, CONTRACTOR SHALL SAW CUT, TO FULL PAVEMENT DEPTH, THE EXISTING PAVEMENT TO A NEAT VERTICAL STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING. THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NO ADDITIONAL PAYMENT WILL BE MADE THEREFOR.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB AND GUTTER, OR SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE PER CITY OF ALBUQUERQUE STANDARDS AT HIS OWN EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING, AT HIS OWN EXPENSE, ALL PERMITS NECESSARY FOR CONSTRUCTION.
- ALL WORK IMPACTING AN ARTERIAL ROADWAY WILL REQUIRE 24-HOUR CONSTRUCTION IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S ORANGE GARREL POLICY.
- CRITICAL INTERSECTION WORK SHALL NOT START UNTIL THE CONTRACTOR HAS ALL MATERIAL, EQUIPMENT, AND NECESSARY PERSONNEL ON-SITE. TRAFFIC CONTROL DEVICES SHALL NOT BE PLACED PREMATURELY.
- OVERNIGHT PARKING OF CONSTRUCTION VEHICLES ON PRIVATE PROPERTY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS, AS SHOWN ON SHEETS 3-1 THRU 3-17, PRIOR TO INITIATING CONSTRUCTION. IF DURING THE COURSE OF CONSTRUCTION OPERATIONS, THE CONTRACTOR DISTURBS OR DESTROYS A MONUMENT, THE CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR. THE MONUMENT SHALL ONLY BE REPLACED BY THE CITY SURVEY SECTION AT THE CONTRACTOR'S EXPENSE.
- ALL TRENCH EXCAVATION BACKFILL WITHIN THE ROADWAY PRISM SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR PER ASTM D-698 OR D-1557 AS APPLICABLE.
- ANY EARTHWORK Haul ON THIS PROJECT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR ITEM 0202.01 - EXCAVATE AND DISPOSE OF UNCLASSIFIED MATERIAL AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. ADDITIONAL REMOVALS NOT SHOWN ON THE PLANS WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR 0202.01 - REMOVE AND SALVAGE OR DISPOSE STRUCTURES AND OBSTRUCTIONS.
- BID ITEMS 0343.030 - SAWCUT, REMOVE AND DISPOSE ASPHALT CONCRETE PAVEMENT, ANY DEPTH ARE INCLUDED FOR PAVEMENT REMOVALS IN AREAS WHERE THE ROADWAY WILL NOT BE IMMEDIATELY ADJUSTED TO NEW GRADES AS SHOWN IN THE PLANS.
- THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN THE CENTRAL AVENUE RIGHT OF WAY UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE PROJECT MANAGER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, INSTALLATION, AND REMOVAL OF THE SHIELDING, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- WHEN EXISTING TRAFFIC SIGNALS ARE TURNED OFF, THE CONTRACTOR SHALL HAVE AN OFF-DUTY POLICE OFFICER DIRECT TRAFFIC. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO ADDITIONAL PAYMENT WILL BE MADE.
- THROUGHOUT THE LIFE OF THIS PROJECT, THE CONTRACTOR SHALL KEEP THE LOCAL NEWS MEDIA INFORMED OF CONSTRUCTION ACTIVITIES WHICH WILL IMPEDE OR DISRUPT THE NORMAL FLOW OF TRAFFIC.
- THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO WEEKS AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE PROJECT MANAGER THROUGHOUT THE PROJECT AND WILL BE REVISED BY THE PROJECT MANAGER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 30 DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE PROJECT MANAGER PRIOR TO FINAL PAYMENT.

INCIDENTAL ITEMS:

- CORRECTION OF PAVEMENT DROP-OFF. SEE GENERAL NOTE 2, THIS SHEET
- TRUNCATED DOME MATERIAL FOR ADA RAMPS

MUSINSKI, NANCY	OFFICE PHONE: (505) 768-2729 OFFICE FAX: 768-3629 NMUSINSKI@CABO.GOV	CITY OF ALBUQUERQUE SENIOR ENGINEER, UTILITIES DEVELOPMENT P.O. BOX 1293 ALBUQUERQUE, NM 87103
BATES, STEVE	OFFICE PHONE: (505) 898-2661EXT48 OFFICE FAX: 898-6379 SBATES@ECORESOURCE.COM	NEW MEXICO UTILITIES 4700 IRVING BLVD. NW SUITE 201 ALBUQUERQUE, NM 87114
BOUSKA, KELLY	OFFICE PHONE: (505) 241-7752 OFFICE FAX: (505) 241-7740 KBOUSKA@PNM.COM	PNM GAS CO. 4625 EDITH BLVD. NE ALBUQUERQUE, NM 87107
BROWN, JOHN	OFFICE PHONE: (505) 243-2153 OFFICE FAX: (505) 314-0900 JOHN@BCGASSETS.COM	BCG ASSETS OPERATIONS MANAGER 721 4TH STREET NW ALBUQUERQUE, NM
CROWEL, DAVID	OFFICE PHONE: (505) 842-2911 OFFICE FAX: 842-2890 DCROWEL@ATT.COM	AT&T RESOURCE SUPERVISOR 111 3RD STREET NW ALBUQUERQUE, NM 87103
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ERICKSON, RITA	OFFICE PHONE: (505) 761-6235 OFFICE FAX: (505) 761-0599 RITA_ERICKSON@CABLE.COMCAST.COM	COMCAST PLANNING AND DESIGN SUPERVISOR 4611 MONTBEL PLACE NE ALBUQUERQUE, NM 87107
HARRISON, ROYAL	OFFICE PHONE: (505) 938-7339 OFFICE FAX: 938-7380 ROYAL.HARRISON@TWTELECOM.COM	TIME WARNER TELECOM PLANT MANAGER 3830 SINGER BLVD. NE SUITE 1000 ALBUQUERQUE, NM 87109
HILL, JIM	OFFICE PHONE: (505) 241-3581 OFFICE FAX: (505) 241-0559 JHILL@PNM.COM	PNM ELECTRIC 4201 EDITH BLVD. NE MS-ES61 ALBUQUERQUE, NM 87107
KELLY, LARRY	OFFICE PHONE: (505) 246-0501 OFFICE FAX: (505) 246-0479 LARRY.KELLY@QWEST.COM	QWEST LONG DISTANCE SR. OPERATIONS TECH 400 TUERAS NW SUITE570 ALBUQUERQUE, NM 87102
MERRILL, STEVE	OFFICE PHONE: (505) 998-2220 OFFICE FAX: (505) 345-6559 STEVE.MERRILL@XSPEDIUS.COM	XSPEDIUS MANAGEMENT CO. OUTSIDE PLANT SPECIALIST ALBUQUERQUE, NM 87109
MUELLER, RICK	OFFICE PHONE: (505) 244-3161 OFFICE FAX: 244-0094 MOBILE: 228-3329 RDMUELLER@MCLEODUSA.COM	MCLEOD USA SUPERVISOR 505 MARQUETTE HWY (COMPASS BANK) SUITE 1600 ALBUQUERQUE, NM 87102
VELARDE, MICHAEL	OFFICE PHONE: (505) 245-8352 OFFICE FAX: (505) 245-6733 MOBILE: (505) 715-9263 PAGER: (505) 381-3347 MICHAEL.VELARDE@QWEST.COM	QWEST MANAGER NM ENGINEERING INC. 400 TUERAS NW SUITE 710 ALBUQUERQUE, NM 87102

8-24-2006

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STATEWIDE
1-800-321-ALERT

ALBUQUERQUE
260-1990

1555 LUISIANA BLVD., NE
SUITE 800
ALBUQUERQUE, NM 87110
PHONE: (505) 241-1000
FAX: (505) 241-1001

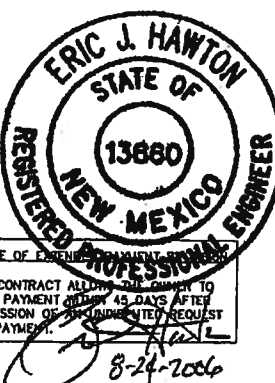
HDR ONE COMPANY
ENGINEERING INC. Many Solutions

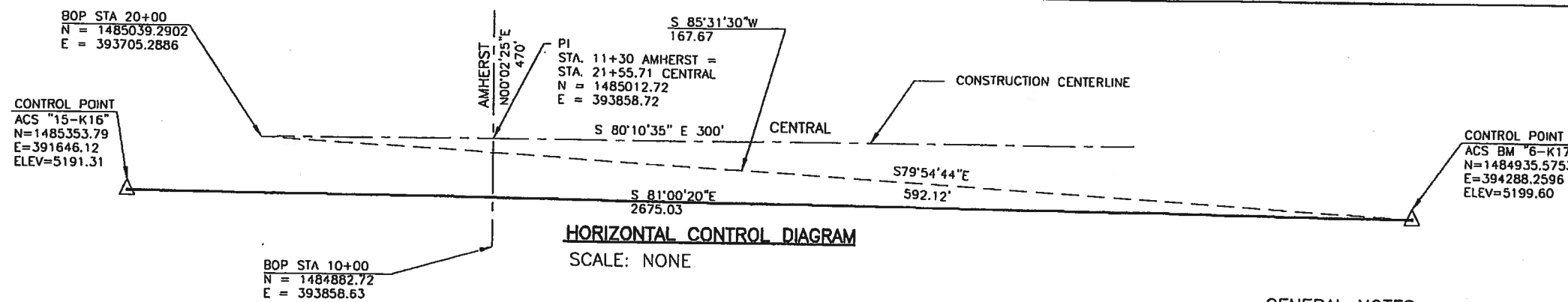
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: **CENTRAL AVE BULB OUT PROJECT**
LEGEND, GENERAL NOTES & UTILITY CONTACTS

Design Review Committee	City Engineer Approval	By:	Date: 08/18/06
City Project No. 784091	Zone Map No. K-16	Sheet 2	Of 9

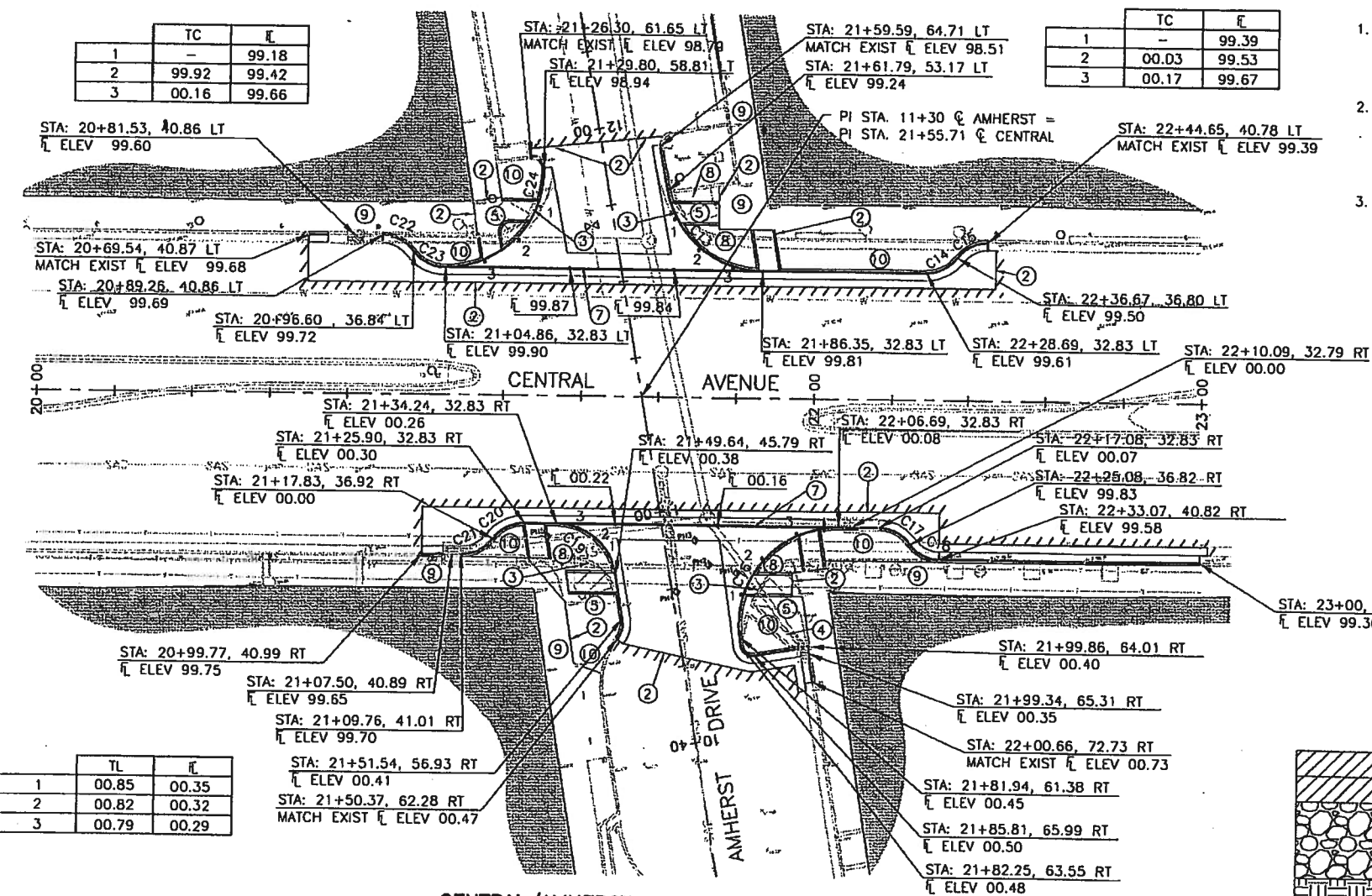
COA ITEM NO.	ITEM DESCRIPTION	UNIT	ROADWAY		CONSTRUCTION SIGNING		PERMANENT SIGNING		STRUCTURES		LIGHTING		PROJECT TOTAL	
			ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL	ESTIMATE	FINAL
4.010	Construction Staking, compl.	L.S.	1											
6.050	Construction Mobilization, compl.	L.S.	1											1
6.080	Construction Demobilization, compl.	L.S.	1											1
6.010	Construction Project Sign	EACH			2									1
19.010	Construction Traffic Control & Barricading, compl.	L.S.	1											2
301.020	Subgrade Prep. 12" at 95% compaction, clip	SQ.YD.	990											1
302.010	Aggregate Base Course, crushed, 6" at 95% compaction, clip. SD 2408	SQ.YD.	990											990
336.034	Arterial Asphalt Concrete, SP11, 4 inch thick, (2 Lifts) clip.	SQ.YD.	2500											990
336.120	Tack Coat, Cationic Emulsified Asphalt, clip. (2 Applications)	SQ.YD.	2500											2500
340.011	Broom Finished Colored Concrete 4", clip	SQ. YD.	60											2500
340.025	Wheelchair Access Ramp, 4" PCC, Std. Curb., Incl Header Curb and Truncated Dome clip.	SQ. YD.	62											60
340.030	Valley Gutter & Curb, Portland Cement Concrete, Incl. reinforcement and subgrade compaction, clip. SD 2420	SQ. YD.	185											82
340.050	Curb And Gutter, Standard, Portland Cement Concrete, clip. SD 2415	LIN.FT.	500											185
343.030	Existing Pavement, Asphalt Concrete More Than 4" Thick, Saw, Remove and Dispose	SQ. YD.	990											500
343.080	Existing Curb & Gutter or Valley Gutter, PC Concrete, remove & dispose, compl.	LIN.FT.	465											990
343.085	Existing Sidewalk, 4" PC Concrete, remove & dispose, clip.	SQ.YD.	240											465
701.010	Trenching, Backfilling & Compaction, for 4" to 15" sewer, 8' or less in depth, pipe not incl., compl.	LIN.FT.	15											240
701.110	Trenching, Backfilling, & Compaction, for 18" to 36" sewer pipe, over 8' to 12' in depth, pipe not incl., compl.	LIN.FT.	560											15
801.132	Pipe Blocking or Encasement, Reinforced PC Concrete, clip. SD 2140	CU. YD.	12											560
910.002	12" Reinforced Concrete Pipe, Class IV, furnish & place in open trench, clip.	LIN.FT.	15											12
910.008	18" Reinforced Concrete Pipe, Class IV, furnish & place in open trench, clip.	LIN.FT.	560											15
915.030	Catch Basin, Type "C", Single Grate, clip. SD 2205	EACH	3											560
915.050	Catch Basin, Type "D", Single Grate, clip. SD 2206	EACH	2											3
920.080	Manhole, 4' dia., Type "C" or "E", 10' to 14' deep, clip. SD 2101	EACH	4											2
920.220	Manhole, 8' dia. Type "C" or "E", 10' to 14' deep, clip. SD2101	EACH	1											4
1000.XX	2" Schedule 40 PVC mainline piping with fittings, Incl. trenching, backfill, compaction, clip	LIN.FT.	220											1
1000.XX	1" Schedule 40 PVC lateral piping with fittings, clip	LIN.FT.	65											
1000.XX	3/4" Schedule 40 PVC lateral piping with fittings, clip	LIN.FT.	22											
1000.XX	3" Class 200 PVC sleeve piping with fittings, clip	LIN.FT.	220											
1000.XX	2" Class 200 PVC sleeve piping with fittings, clip	LIN.FT.	65											
1000.XX	1 1/2" Class 200 sleeve piping with fittings, clip	LIN.FT.	22											
1000.XX	1" Class 200 PVC sleeve piping with fittings, clip	LIN.FT.	220											
-	PVC cap in 9" valve can	EACH	12											

		ENGINEER'S SEAL		SURVEY INFORMATION FIELD NOTES NO. BY DATE		BENCH MARKS		AS BUILT INFORMATION CONTRACTOR DATE WORK BY DATE INSPECTION BY DATE ACCEPTANCE BY DATE REVISIONS BY DATE CHECKED BY DATE MICRO-FILM INFORMATION RECORDED BY DATE NO.	
NOTICE OF EXPIRATION THIS CONTRACT ALLOWED THE CLIENT TO MAKE PAYMENT ON THE 45 DAYS AFTER SUBMISSION OF AN UNDENIED REQUEST FOR PAYMENT. 8-24-2006		REMARKS BY		NO. DATE		REVISIONS HDR ENGINEERING INC.		DESIGNED BY: RC DATE: 08/18/06 DRAWN BY: RC DATE: 08/18/06 CHECKED BY: EJH DATE: 08/18/06	
2188 LOMA BLVD., N.E. SUITE 6000 ALBUQUERQUE, NM 87110 PHONE (505) 263-1200 FAX (505) 263-1201		HDR ENGINEERING INC.		ONE COMPANY Many Solutions		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT TRANSPORTATION DEVELOPMENT DIVISION		TITLE: CENTRAL AVE BULB OUT PROJECT SUMMARY OF QUANTITIES	
Design Review Committee		City Engineer Approval		Last Design Update		Use Day/Th.		Use Day/Th.	
City Project No. 784091		Zone Map No. K-16		Sheet 3 of 9		3		9	



	TC	E
1	-	99.18
2	99.92	99.42
3	00.16	99.66

	TC	E
1	-	99.39
2	00.03	99.53
3	00.17	99.67

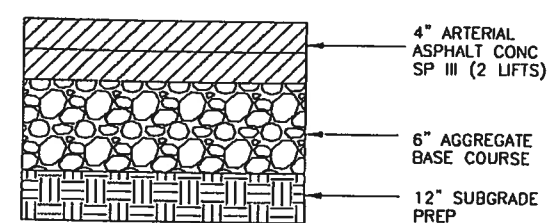


	TL	E
1	00.85	00.35
2	00.82	00.32
3	00.79	00.29

POTHOLE TABLE				
PH#	TYPE	MATERIAL	DIAM.	TO TOP
1	COMM.	CONCRETE DUCT	48"	35"
2	T.S.	STEEL PIPE	3"	25"
3	COMM.	CONCRETE DUCT	24"	18"
4	SANITARY SEWER	A.C.	10"	38"
5	COMM.	STEEL PIPE	6"	30"

PH# DENOTES POTHOLE LOCATION

- GENERAL NOTES:**
- THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENTS TO PRIVATE UTILITY MANHOLES WITH THE OWNER OF THE UTILITY.
 - PAVEMENT SHALL BE REMOVED A MINIMUM OF 2' FROM THE EDGE OF THE GUTTER. POURING CURB AND GUTTER CONCRETE AGAINST EXISTING PAVEMENT WILL NOT BE PERMITTED.
 - REFER TO SHEETS 6 & 7 FOR CONSTRUCTION OF STORM DRAIN.



REPLACEMENT PAVING SECTION

PRIVATE UTILITY MANHOLE ADJUSTMENT

STA	LOCATION
21+25.58	RT
21+43.58	RT

KEYED NOTES:

- EXISTING CURB AND GUTTER TO REMAIN.
- LIMITS OF REMOVAL. SAWCUT EXISTING SURFACING TO A NEAT STRAIGHT LINE
- REMOVE EXISTING CURB AND GUTTER.
- REMOVE EXISTING CONCRETE RUNDOWN.
- REMOVE EXISTING SIDEWALK
- CITY OF ALBUQUERQUE STANDARD CURB AND GUTTER, SEE STD. DWG 2415A.
- CITY OF ALBUQUERQUE STANDARD VALLEY GUTTER, SEE STD. DWG 2420.
- CONCRET SIDEWALK 4" THICK.
- EXISTING SIDEWALK TO REMAIN.
- LANDSCAPE AREA.



CURVE TABLE				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
C13	79°14'57"	25.00	34.58	20.70
C14	52°56'32"	10.00	9.24	4.98
C15	52°57'00"	10.00	9.24	4.98
C16	98°09'59"	25.00	42.83	28.84
C17	53°05'27"	10.00	9.27	5.00
C18	53°06'05"	10.00	9.27	5.00
C19	80°11'38"	15.00	20.99	12.63
C20	53°46'53"	10.00	9.39	5.07
C21	53°46'29"	10.00	9.39	5.07
C22	53°13'03"	10.00	9.29	5.01
C23	54°37'54"	10.00	9.54	5.16
C24	90°51'19"	25.00	39.64	25.38

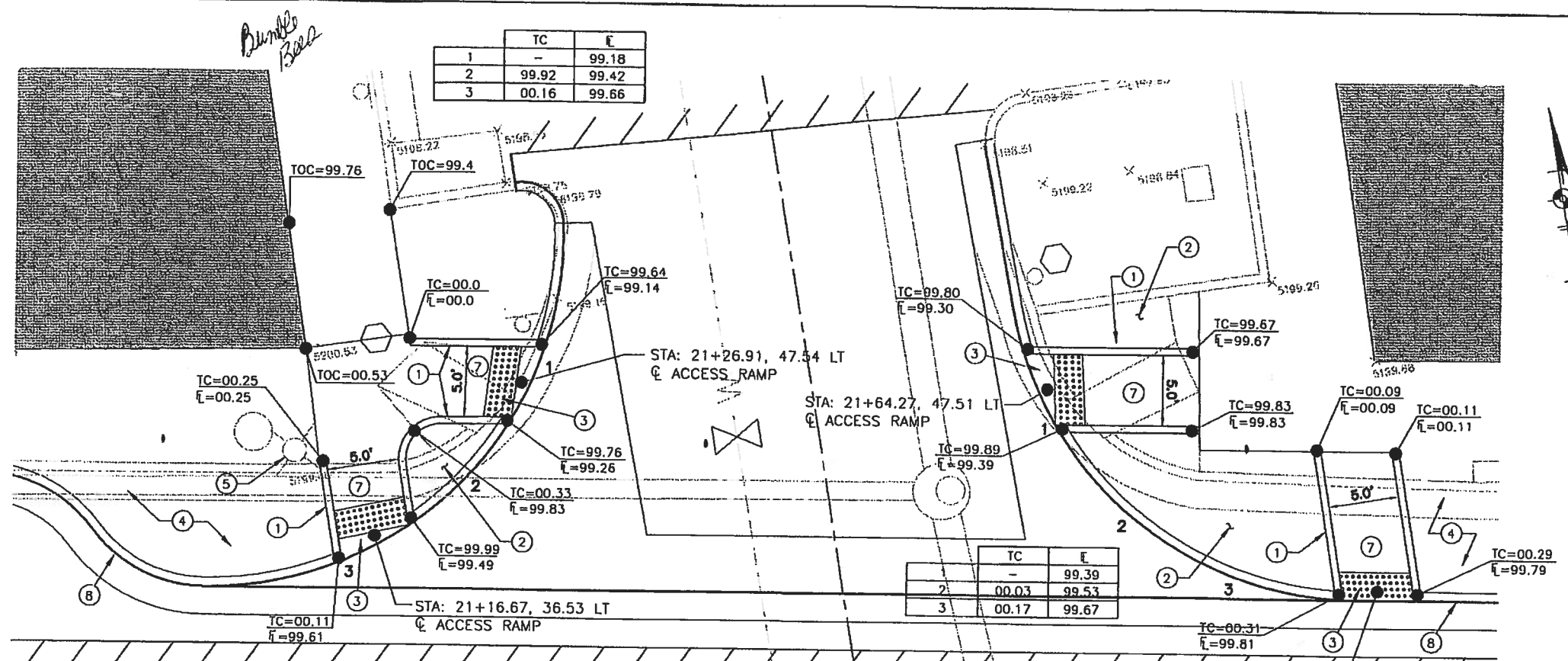


CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

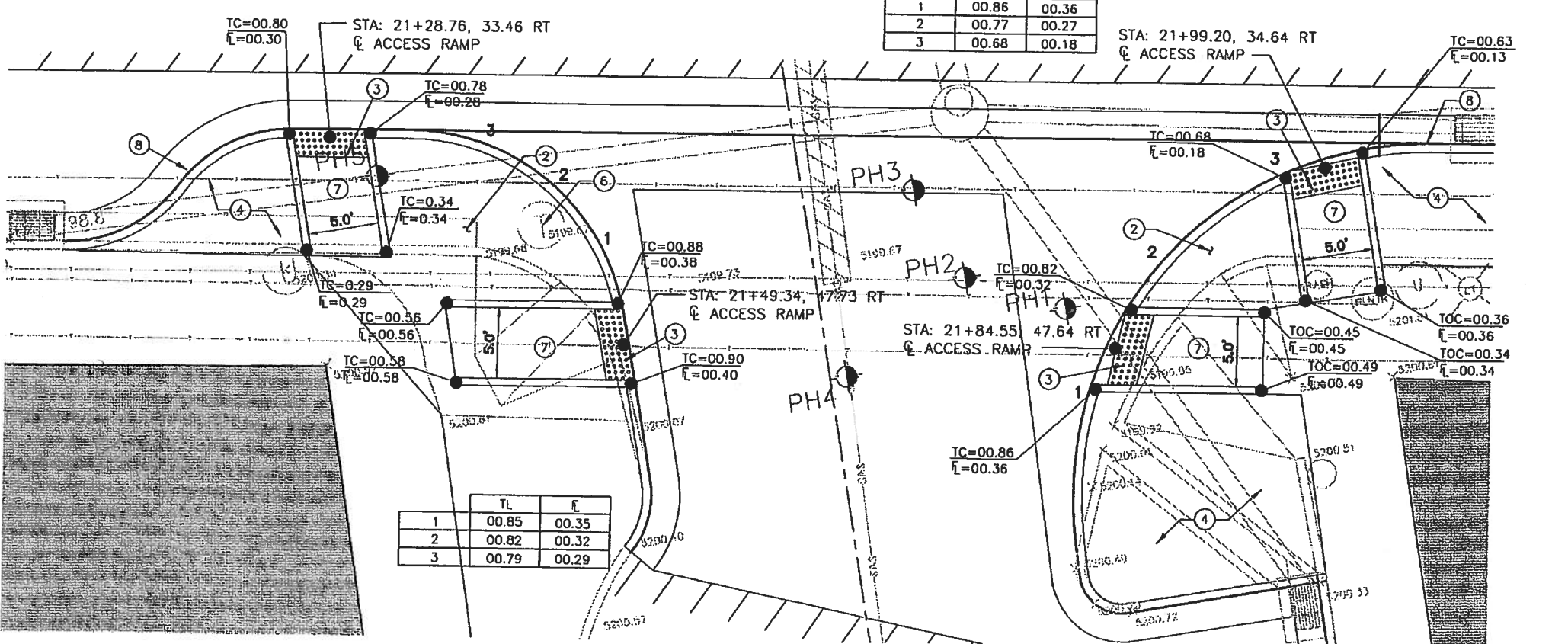
TITLE: **CENTRAL AVE BULB OUT PROJECT**
CENTRAL AND AMHERST INTERSECTION PLAN

Design Review Committee	City Engineer Approval	DATE	DATE

City Project No. **784091** Zone Map No. **K-16** Sheet **4** Of **9**



NORTHWEST AND NORTHEAST CURB RAMP DETAILS
HORIZ. 1" = 5'



SOUTHWEST AND SOUTHEAST CURB RAMP DETAILS
HORIZ. 1" = 5'

KEYED NOTES:

- ① 6" HEADER CURB
- ② BROOM FINISHED COLORED CONCRETE. COLOR TO BE DETERMINED BY THE CITY OF ALBUQUERQUE PROJECT MANAGER.
- ③ UNLESS OTHERWISE NOTED TRUNCATED DOME STRIP SHALL BE 2' WIDE x LENGTH OF RAMP, 5' MIN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- ④ LANDSCAPE AREA.
- ⑤ EXISTING PNM STREET LIGHT TO REMAIN.
- ⑥ EXISTING QUEST MANHOLE TO BE RAISED TO GRADE.
- ⑦ CONSTRUCT ADA RAMP.
- ⑧ COA STD CURB & GUTTER.

NOTES:
TOC = TOP OF CONC
TC = TOP OF CURB
SEE SHEET FOR INTERSECTION GEOMETRY
SEE SHEETS

ERIC J. HANTON
STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
13880
8-24-2006

HDR ONE COMPANY
ENGINEERING INC. Many Solutions

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

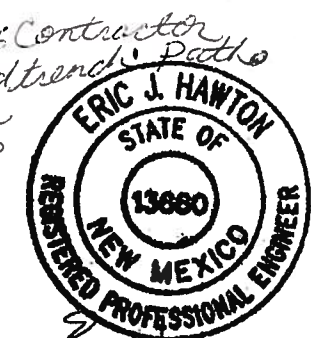
TITLE: CENTRAL AVE BULB OUT PROJECT
CENTRAL AND AMHERST INTERSECTION PLAN

Design Review Committee	City Engineer Approval	Zone Map No. K-16	Sheet 5 of 9
Last Design Update			
City Project No. 784091	Zone Map No. K-16	Sheet 5	Of 9

Date: Aug 24, 2006 - 8:14am
 Drawing Name: P:\0004 COA DRAINAGE OnCall\34698 Central & Amherst-Helmsley\0.0 PRE\0.1 CAD\0.1.5 Plans\02014 PWP Sheet\34698.dwg
 Layout: Layout1
 Plotted: 8/24/2006 8:14am
 Plotter: HP DesignJet 500

CONSTRUCTION KEYED NOTES:

- (A) INSTALL SINGLE "D" STORM INLET. SEE COA STANDARD DRAWING 2206 FOR DETAILS.
- (B) INSTALL SINGLE "C" STORM INLET. SEE COA STANDARD DRAWING 2205 FOR DETAILS.
- (C) STA 11+00 TO STA 14+43. REMOVE AND REPLACE 4300 SF ASPHALT PAVEMENT PER REPLACEMENT PAVING DETAIL.
- (D) NOT USED.
- (E) INSTALL DRAIN LINE CONNECTION TO EXISTING STORM DRAIN. SEE COA STANDARD DRAWING 2102 FOR DETAILS.
- (F) ALL SUBGRADE AND SUBBASE MATERIAL ENCOUNTERED IN PAVEMENT REMOVAL AND REPLACEMENT THAT IS DETERMINED BY THE FIELD ENGINEER TO MEET THE SPECIFICATIONS, CAN BE REUSED. HOWEVER, THE MATERIAL WILL BE PROCESSED AND COMPACTED TO MEET MOISTURE CONTENT AND PERCENT COMPACTION REQUIRED BY THE SPECIFICATIONS.
- (G) MINIMUM BOTTOM WIDTH OF TRENCHES FOR PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 18 INCHES. BEDDING MATERIAL SHALL BE CLASS II, III, OR IV UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.
- (H) SEWER LINE ENCASUREMENT PER COA STANDARD DRAWING 2140.



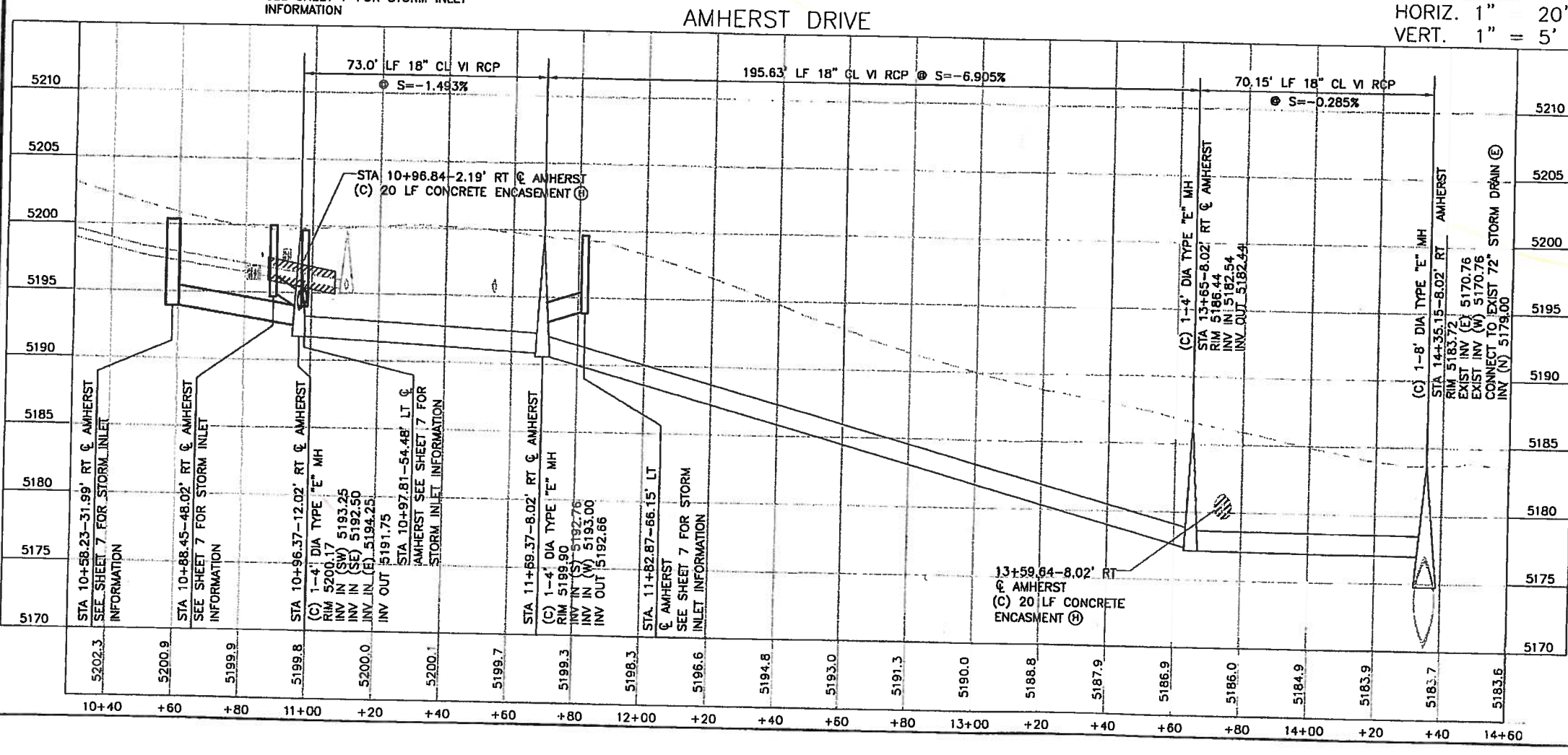
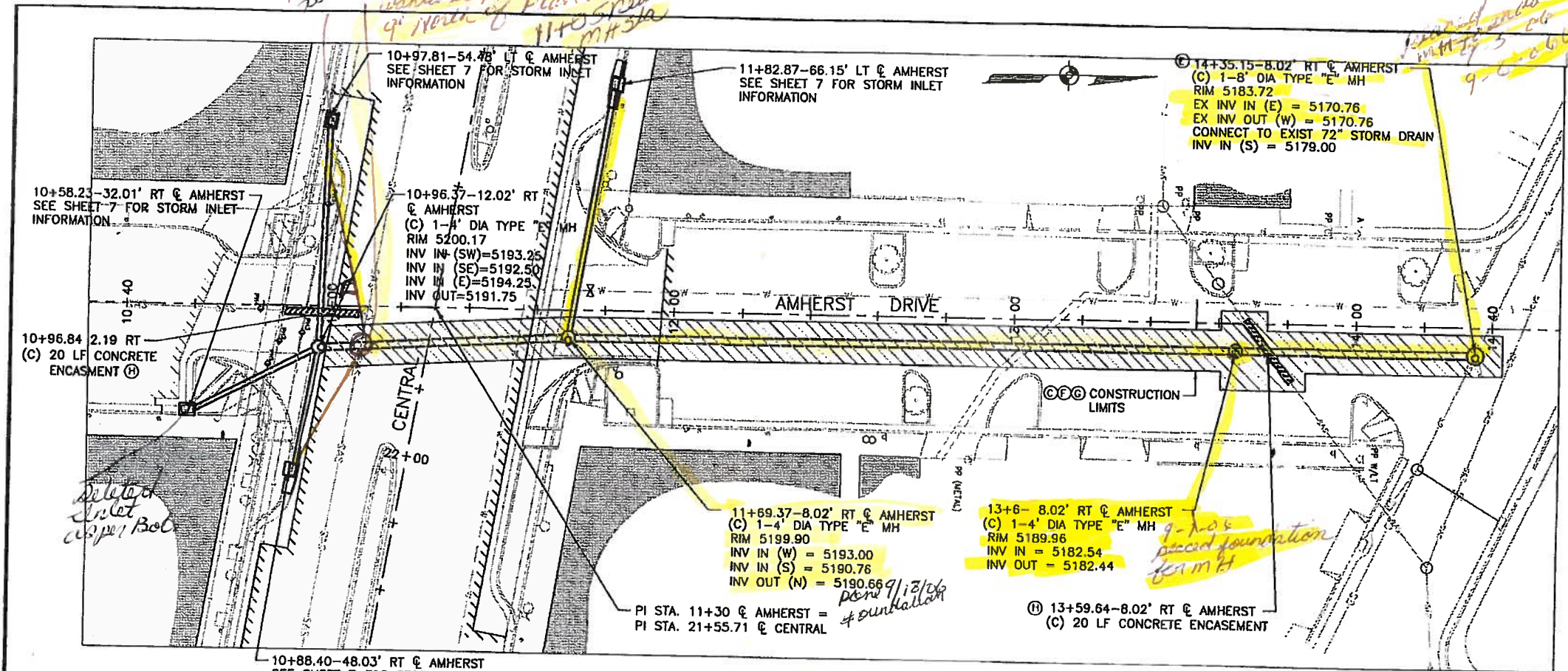
GENERAL NOTES:

1. ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES SHOWN ON THE PLANS ARE SHOWN IN AN APPROXIMATE LOCATION ONLY BASED ON THE INFORMATION PROVIDED TO THE ENGINEER BY OTHERS THAT MAY BE INACCURATE OR INCOMPLETE. ADDITIONALLY, UNDERGROUND LINES MAY EXIST THAT ARE NOT SHOWN. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL CONFLICTING UTILITIES AT NO ADDITIONAL COST TO THE OWNER. SHOULD A CONFLICT EXIST BETWEEN THE FIELD INFORMATION AND THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY. ANY DAMAGE TO ANY OTHER UTILITIES OR COLLATERAL DAMAGE CAUSED BY THE CONTRACTOR SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR.
2. ALL UTILITY LINES SHALL BE MAINTAINED IN SERVICE. SHORING, SHEETING AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OR LOSS OF THESE EXISTING UTILITIES. BEAM AND CABLE OR OTHER ADEQUATE SUPPORTS SHALL BE USED FOR TEMPORARY SUPPORT OF ALL UTILITY LINES AS NECESSARY.
3. ALL SUBGRADE AND SUBBASE MATERIAL ENCOUNTERED IN PAVEMENT REMOVAL AND REPLACEMENT THAT IS DETERMINED BY THE FIELD ENGINEER TO MEET THE SPECIFICATIONS, CAN BE REUSED. HOWEVER, THE MATERIAL WILL BE PROCESSED AND COMPACTED TO MEET MOISTURE CONTENT AND PERCENT COMPACTION REQUIRED BY THE SPECIFICATIONS.
4. MINIMUM BOTTOM WIDTH OF TRENCHES FOR PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 18 INCHES. BEDDING MATERIAL SHALL BE CLASS II, III, OR IV UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.

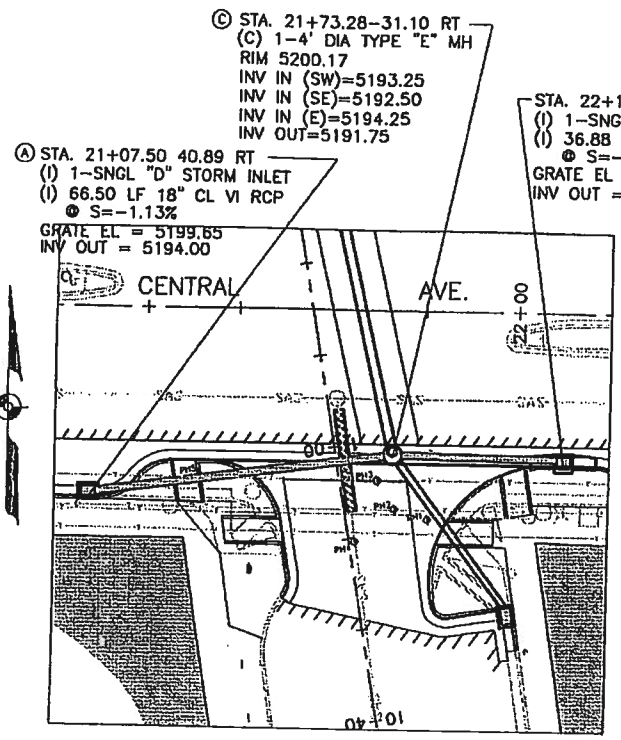


CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION
TITLE: CENTRAL AVE BULB OUT PROJECT
CONSTRUCTION PLAN & PROFILE

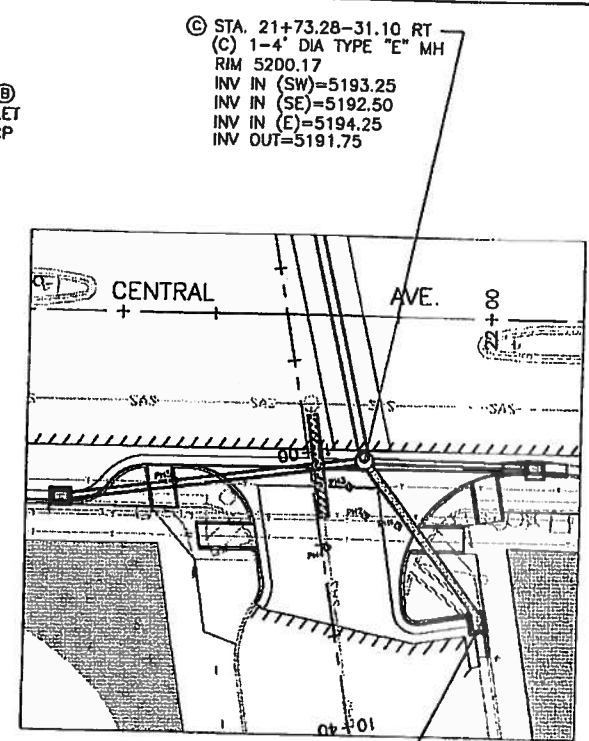
Design Review Committee	City Engineer Approval	Us: []/ []/ []	Us: []/ []/ []
City Project No. 784091	Zone Map No. K-16	Sheet 6	Of 9



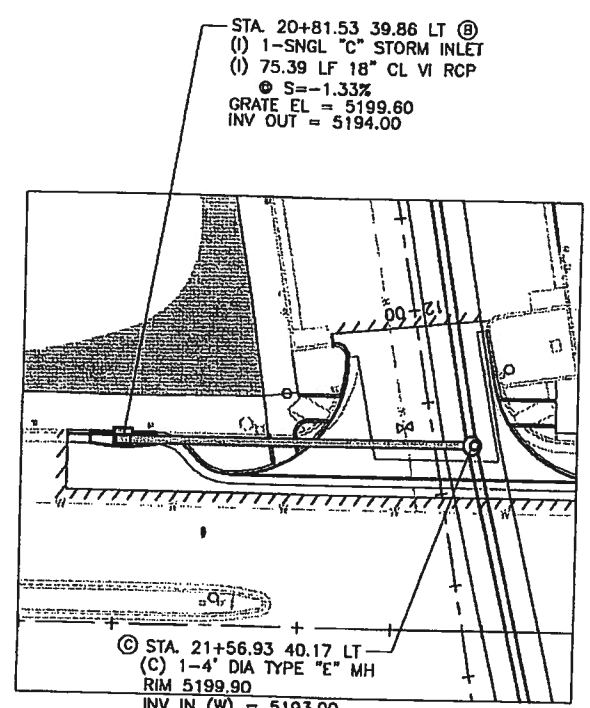
DATE: Aug 24, 2006 9:15am
Drawing Name: F:\11034 C&A Bulb Out\11034 Central & Amherst-Widener\11034 Plan\11034.dwg
Layout: CONCEPT
Revision: 1



CENTRAL AVE. (SO.)



CENTRAL AVE. (SO.)



CENTRAL AVE. (NO.)

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

- CONSTRUCTION KEYED NOTES:**
- (A) INSTALL SINGLE "D" STORM INLET. SEE COA STANDARD DRAWING 2206 FOR DETAILS.
 - (B) INSTALL SINGLE "C" STORM INLET. SEE COA STANDARD DRAWING 2205 FOR DETAILS.
 - (C) CONSTRUCT 4" DIA. TYPE "E" MANHOLE. SEE COA STD DRAWING 2102 FOR DETAILS.



GENERAL NOTES:

1. ALL STATIONING ON THIS SHEET REFERENCES & CENTRAL.
2. ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES SHOWN ON THE PLANS ARE SHOWN IN AN APPROXIMATE LOCATION ONLY BASED ON THE INFORMATION PROVIDED TO THE ENGINEER BY OTHERS THAT MAY BE INACCURATE OR INCOMPLETE. ADDITIONALLY, UNDERGROUND LINES MAY EXIST THAT ARE NOT SHOWN. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL CONFLICTING UTILITIES AT NO ADDITIONAL COST TO THE OWNER. SHOULD A CONFLICT EXIST BETWEEN THE FIELD INFORMATION AND THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY. ANY DAMAGE TO ANY OTHER UTILITIES OR COLLATERAL DAMAGE CAUSED BY THE CONTRACTOR SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR. SEE SECTION 18 "UTILITIES" COA STANDARD SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS.
3. ALL UTILITY LINES SHALL BE MAINTAINED IN SERVICE. SHORING, SHEETING AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OR LOSS OF THESE EXISTING UTILITIES. BEAM AND CABLE OR OTHER ADEQUATE SUPPORTS SHALL BE USED FOR TEMPORARY SUPPORT OF ALL UTILITY LINES AS NECESSARY.
4. ALL SUBGRADE AND SUBBASE MATERIAL ENCOUNTERED IN PAVEMENT REMOVAL AND REPLACEMENT THAT IS DETERMINED BY THE FIELD ENGINEER TO MEET THE SPECIFICATIONS, CAN BE REUSED. HOWEVER, THE MATERIAL WILL BE PROCESSED AND COMPACTED TO MEET MOISTURE CONTENT AND PERCENT COMPACTION REQUIRED BY THE SPECIFICATIONS.
5. MINIMUM BOTTOM WIDTH OF TRENCHES FOR PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 16 INCHES. BEDDING MATERIAL SHALL BE CLASS II, III, OR IV UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.

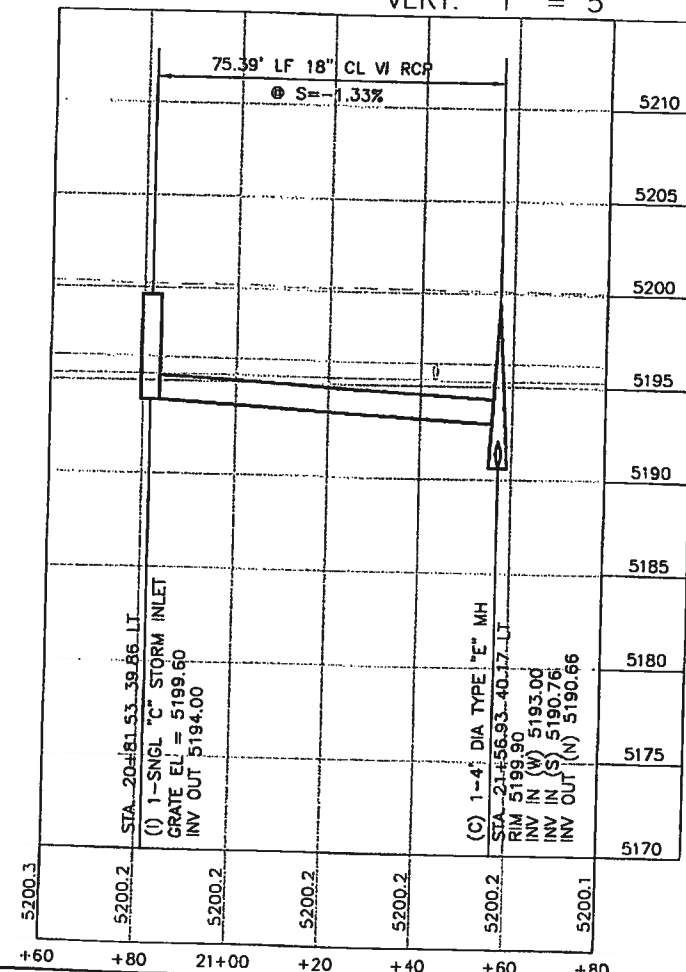
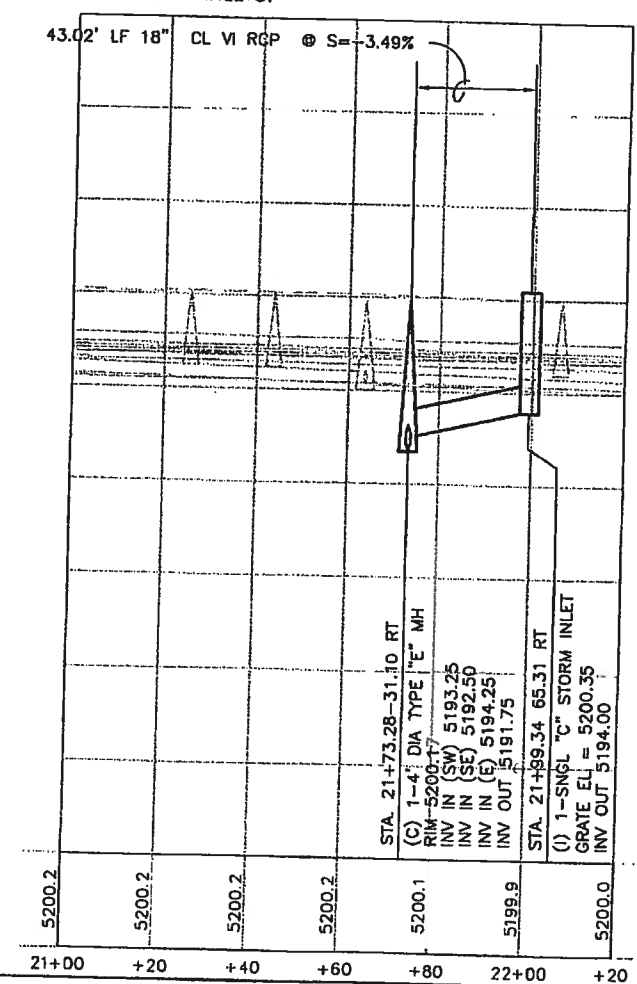
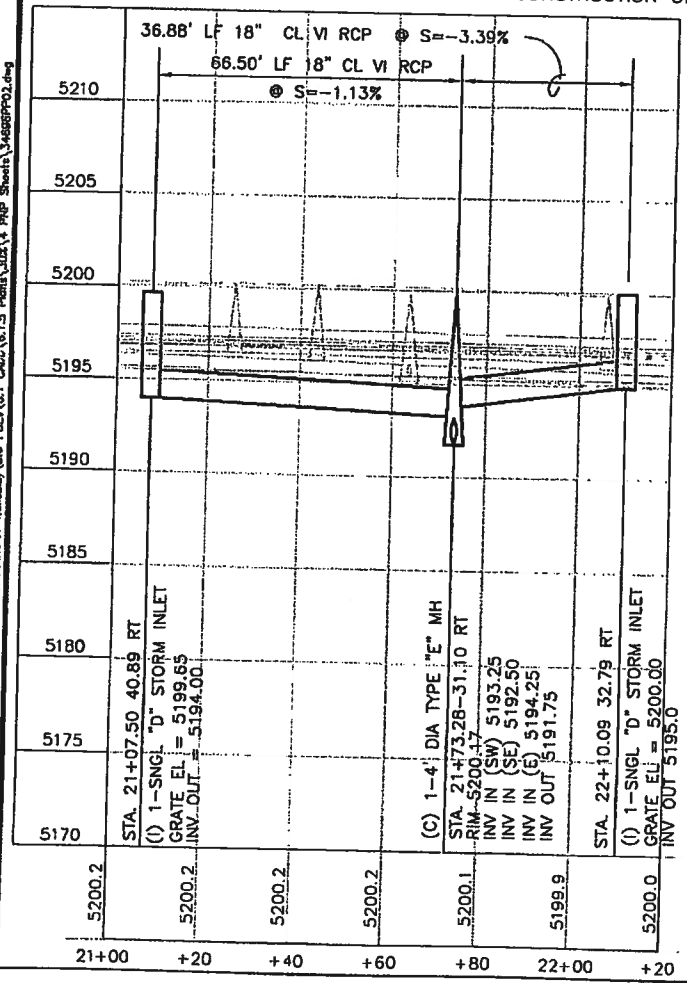


CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
TRANSPORTATION DEVELOPMENT DIVISION

TITLE: **CENTRAL AVE BULB OUT PROJECT**
CONSTRUCTION PLAN & PROFILE

Design Review Committee	City Engineer Approval	Use / Day / Yr.	Use / Day / Yr.

City Project No. **784091** Zone Map No. **K-16** Sheet **7** of **9**



Date: Aug 24, 2006 - 9:15am
Drawing Name: P:\1994 COA Drawings\Central & Arment-Highway 6.0 PDA\6.1.5 Plans\2004 P&P Sheets\386pp02.dwg
Project: 784091 - Central & Arment-Highway 6.0 PDA\6.1.5 Plans\2004 P&P Sheets\386pp02.dwg

