

CITY OF ALBUQUERQUE MAP NO. H-12 MAP NO. H

SERNA RD NW DRAINAGE IMPROVEMENTS

INDEX TO DRAWINGS

SHEET NO.	TITLE
1	TITLE SHEET, VICINITY MAP, SHEET INDEX
2	GENERAL NOTES, LEGEND, & SURVEY CONTROL
3	SERNA RD
4	DETAIL SHEET

VICINITY MAP

UTILITY COMPANY CONTACTS

PNM-ELECTRIC
RICHARD P. MONTOYA
Engineering Representative
4201 Edith Blvd., NE
Albuquerque, NM 87107
(505) 241-0525

AT&T
DAVID CROWEL
Resource Supervisor
111 Third ST., NW
Albuquerque, NM 87103
(505) 842-2911

QUEST/US WEST

DAVID MULLER
Capacity Provisioning Specialist
201 3rd Street NW, Suite 700
Albuquerque, NM 87102
(505) 245-8706

E-SPIRE (ACSI)
JOHN MARES

JOHN MARES 505 Marquette NE, Suite 1605 Albuquerque, NM 87102 (505) 998–2274

BROOKS/MCI WORLDCOM
ANDY DARNELL
Operations Manager
505 Marquette NW, Suite 1605
Albuquerque, NM 87102
(505) 998-2274

TIME WARNER TELECOM

ROYAL HARRISON Plant Manager 3830 Singer Blvd. NE, Suite 1000 Albuquerque, NM 87109 (505) 938-7339

NEW MEXICO UTILITIES

BOB GAY
Operations Superintendent
4700 Irving Blvd. NW, Suite 201
Albuquerque, NW 87114
(505) 898–2661

PNM-GAS CO.

JACK COLE
Design Engineer
4625 Edith Blvd., NE MS-GS66
Albuquerque, NM 87107
(505) 241-7770

COMCAST CABLE
MIKE MORTUS
Planning and Design Supervisor
4611 Montbel Pl., NE
Albuquerque, NM 87107
(505) 269-4006

CITY OF ALBUQUERQUE (WATER & SEWER)

GREG OLSON
PWD/Utility Development
P.O. Box 1293
Albuquerque, NM 87103
(505) 768-2719

McLeodUSA RICK MUELLER Supervisor of Outside Techs. 505 Marquette NE, Suite 1600 Albuquerque, NM 87102 (505) 244–3161 CITYNET TELECOMMUNICATIONS
JOSHUA NELSON

Consultant 505 Marquette Ave., NW, Suite 119-A Albuquerque, New Mexico 87102 (505) 991-2120

GENUITY

RIO GRAND BLVD

TOM TURLEY Supervisor OSP Engineering 50 Centre on the Lake Lake Soint Louis, MO 63367 (636) 561-0339

> CALL BEFORE YOU DIG! STATEWIDE 1-800-321-ALI RT ALBUQUERQUE 260-1990

(505) 938-7	339						
EV.	SHEETS	CITY E	NGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATI
NGIN	EERS STAMP	& SIGNATUR	E APPROVED		ENGINEER	DATE		
			DRC Chairman				APPROVED FOR	
			Transportation				CONSTRUCTION	
			Water/Wastewa	ter				
			Hydrology					
			CIP					
			Constr. Mngmt	.			CITY ENGINEER	DATE
			Parks				CIT ENGINEER	DATE
			PROJEC				SHEET 1 OF	4

PLAN SET No.

- 1 THE SPECIFICATIONS USED FOR THIS PROJECT ARE THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, UPDATE, THROUGH UPDATE NO.7.
- TWO (2) WORKING DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR WILL SUBMIT A DETAILED CONSTRUCTION SOHEDULE TO THE CITY CONSTRUCTION COORDINATION DIVISION. TWO (2) DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924—3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS.
- 3 THE CONTRACTOR WILL NOTIFY THE FIELD 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. THE CONTRACTOR WILL NOTIFY THE ENGINEER IF A MONUMENT IS DISTURBED. REPLACEMENT WILL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR WILL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4 OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS.
- 4 ALL NEW MANHOLES SHALL BE TYPE "E" (C.O.A. DWG. 2102) UNLESS OTHERWISE NOTED ON THE PLANS.
- 5 THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
- 6 ALL WATER VALVE BOXES AND MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.
- 7 SUBGRADE PREPARATION UNDER SIDEWALKS AND DRIVE PADS, AND SUBGRADE AND SUBBASE PREPARATION UNDER CURB AND GUTTER IS CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH, AND NO DIRECT PAYMENT SHALL BE MADE FOR THOSE ITEMS OF WORK.
- 8 THE WATER SYSTEMS DIVISION (857-8200) WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES. REFER TO SECTION 18 OF STANDARD SPECIFICATIES. REFER TO SECTION 18 OF
- 9 ALL EXCAVATION WILL BE GOVERNED BY FEDERAL, STATE AND LOCAL LAWS,
- 10 ALL SIGNS AND CODING WILL BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" CURRENT EDITION PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR IS TO EXERCISE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT WILL BE HIS OF HER RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION. SEE SECTION 18 "UTILITIES", CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS FOR CONTRACTOR BEQUIREMENTS.
- 12 WHEN ABUTTING NEW PAVEMENT TO EXISTING INTERSECTING STREETS, SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE AND AT RIGHT ANGLES AND REMOVE ANY BROKEN OR CRACKED PAVEMENT. NO DIRECT PAYMENT WILL BE MADE FOR SAW CUTTING.
- ALL GAS VALVES, GAS MANHOLES, ELECTRICAL MANHOLES, TELEPHONE MANHOLES, AND UTILITY POLES WILL BE ADJUSTED TO GRADE BY EACH UTILITY COMPANY.
- 14 WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST SUITABLE JOINT UNLESS OTHERWISE DIRECTED BY THE CITY FIELD ENGINEER.
- 15 THE CONTRACTOR WILL NOTIFY NEW MEXICO ONE CALL SYSTEM 260-1990 TWO (2) WORKING DAYS PRIOR TO COMMENCING ANY EXCAVATION
- 16 CONTRACTOR WILL MAKE ALL WATER VALVES AND MANHOLES ACCESSIBLE TO THE
- 17 CONTRACTOR WILL PLACE BITUMINOUS MATERIAL WITH THE USE OF A LAYDOWN MACHINE WHERE PAVEMENT IS 8 FEET IN WIDTH OR WIDER.
- B 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.
- 19 CONTRACTOR WILL NOT PAVE OVER ANY SURFACE FEATURE, I.E., GAS VALVE, MANHOLE COVER, ETC. WITHOUT PRIOR APPROVAL FROM THE CITY FIELD ENGINEER.
- 20 CONTRACTOR WILL CONFINE HIS OR HER WORK WITHIN THE CONSTRUCTION EASEMENT LIMITS AND/OR RIGHT-OF-WAY, OR PROVIDE COPIES OF AGREEMENTS WITH ADJACENT LANDOWNERS TO THE CITY OF ALBUQUERQUE.
- 21 ALL WATER VALVES AND FIRE HYDRANTS REMOVED WILL BE SALVAGED AND RETURNED TO THE C.O.A.
- 22 MINIMUM BOTTOM WIDTH OF TRENCHES FOR RIGID 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.
- 23 MINIMUM BOTTOM WIDTH OF TRENCHES FOR NON-RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIA. PLUS 12 INCHES. BEDDING MATERIAL SHALL BE CLASS I, II, OR III.

- 24 THE CONTRACTOR AGREES TO TAKE NECESSARY SAFETY PRECAUTIONS AS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES TO PROTECT PEDESTRIAN AND VEHICULAR TRAFFIC IN THE CONSTRUCTION AREA, WHICH INCLUDE BUT ARE NOT LIMITED TO: MAINTAINING ADEQUATE WARNING SIGNS, BARRICADES, LIGHTS, GIJARD FENICES WAI KS AND BRIDGES.
- 25 ALL STRUCTURAL CONCRETE TO BE 3000 PSI UNLESS OTHERWISE NOTED ON PLANS.
- 26 ALL REINFORCING STEEL TO BE GRADE 60.
- ALL EXPOSED EDGES ON CAST-IN-PLACE CONCRETE STRUCTURES WILL HAVE A 1" CHAMFER UNLESS OTHERWISE NOTED.
- 3 ALL SPLICES IN REINFORCING STEEL WILL BE 2-FOOT 6-INCH MINIMUM UNLESS OTHERWISE NOTED.
- 29 PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL EXCAVATE AND VERIFY THE HORIZONTAL AND VERIFCAL LOCATIONS OF ALL POTENTIAL CONFLICTING UTILITIES. SHOULD A CONFLICT EXIST BETWEEN THE FIELD INFORMATION AND THE PLANS, THE CONTRACTOR WILL NOTIFY THE CITY FIELD ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- THE REPLACEMENT OF THE EXISTING UTILITIES AND THE INSTALLATION OF NEW UTILITY LINES WILL BE COMPLETED IN ADVANCE OF STARTING THE PAVEMENT WORK. TEMPORARY PAVEMENT WILL BE PLACED IN ALL TRENCHES REQUIRED FOR THE UTILITY REPLACEMENTS IN THOSE AREAS THAT MUST MAINTAIN TRAFFIC UNTIL THE FINAL PAVEMENT WORK STARTS IN EACH AREA. TEMPORARY STRIPING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. MAINTENANCE OF THE TEMPORARY PAVING AND STRIPING WILL BE AT THE CONTRACTOR'S EXPENSE.
- 31 TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE CITY FIELD ENGINEER.
- THE CONTRACTOR WILL CONTACT THE CITY OF ALBUQUERQUE TRAFFIC DIVISION 764—1599, ONE (1) WEEK IN ADVANCE OF ANY CHANGES REQUIRED IN THE TRAFFIC SIGNALIZATION OF THIS PROJECT. ALL WORK ASSOCIATED WITH NEW TRAFFIC SIGNALIZATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 33 ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS, ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS.
- 4 PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. ROAD SHALL NOT BE OPENED TO TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 35 ALL EXCAVATED MATERIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED FROM THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES WILL BE ALLOWED ONLY AS DIRECTED BY THE CITY FIELD ENGINEER.
- THE CONTRACTOR WILL COORDINATE THE 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 UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE ALLOWED AN EXTENSION OF THE CONTRACT TIME, DUE TO DELAYS, AS DELINEATED IN THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, SECTION 12.
- 37 ALL CONSTRUCTION EASEMENTS ON PRIVATE PROPERTY WILL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.
- 38 EXISTING MEDIAN CURB AND GUTTER AND STANDARD CURB AND GUTTER, NOT DISTURBED BY CONTRACTOR, BUT OUT OF ALIGNMENT, DISPLACED VERTICALLY, BADLY BROKEN AND/OR DETERIORATED, WILL BE REPLACED AS DIRECTED BY THE CITY FIELD ENGINEER AND PAID FOR AT CONTRACT UNIT PRICES.
- ALL TRAFFIC CONTROL DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY CONSTRUCTION OR FOR OTHER REASONS AND NOT SHOWN ON THE SIGNING PLANS WILL BE FURNISHED BY THE CONTRACTOR AND WILL BE PAID AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS AND BID PROPOSAL. PRIOR TO PLACING THE TRAFFIC CONTROL DEVICES, THE CONTRACTOR WILL NOTIFY THE AFFECTED OWNERS IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR MUST MAKE PROVISIONS TO PROVIDE ACCESS TO PROPERTIES. REFER TO SECTION 19 0F THE
- ALL UTILITY LINES WHICH ARE NOT SPECIFICALLY DESIGNATED TO BE REMOVED AND REPLACED ON THE PLANS, WILL 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 WILL BE USED FOR TEMPORARY SUPPORT OF ALL UTILITY LINES WHICH CROSS THE TRENCH. ANY DAMAGE TO EXISTING UTILITIES WILL PROMPTLY BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR WILL NOTIFY THE ENGINEER IMMEDIATELY OF ANY SIGNIFICANT DEVIATION OF EXPOSED UTILITIES FROM THE LOCATIONS SHOWN ON THE PLANS SO THAT CONFLICTS CAN BE RESOLVED IN A TIME! Y MANNER.
- THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING C.O.A. INFRASTRUCTURE (C & G, PAVING, ETC.) DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND WILL REPAIR OR REPLACE SAME AT HIS OR HER OWN EXPENSE. HE/SHE WILL SUITABLY PROTECT THE CURB AND GUTTER FROM INCIDENTAL SPLASHING DURING THE TACK COAT APPLICATION AND WILL BE RESPONSIBLE FOR CLEANING SAME AT HIS OWN COST SHOULD SPLASHING OCCUR.

- 42 ALL INTERFERING PORTIONS OF ABANDONED UTILITY LINES WHICH ARE EXPOSED AS A RESULT OF CONSTRUCTION WILL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- 43 STATIONS OF STORM DRAIN INLETS ARE TO THE CENTER OF GRATE. ALL STORM DRAIN INLETS WILL BE TYPE "A" UNLESS OTHERWISE NOTED ON THE PLANS.
- 44 SHORING COSTS WILL BE CONSIDERED INCIDENTAL TO THE TRENCH AND BACKFILL
- 45 THE CONTRACTOR WILL BE RESPONSIBLE FOR SECURING NPDES PERMITS REQUIRED BY APPLICABLE CITY, STATE, AND FEDERAL REGULATIONS.
- 46 ALL STORM DRAIN AND CONNECTOR PIPE WILL BE CLASS IV REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED ON THE PLANS.
- 47 THE TERM "REMOVE" USED IN THIS PLAN SET INCLUDES THE DISPOSAL OF SAID MATERIAL IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, LATEST EDITION.
- 48 CONTRACTOR WILL SURVEY AND LOG EXISTING ELEVATIONS OF CURB—AND—GUTTER, SIDEWALK, AND PAVEMENT WHICH WILL BE REMOVED FOR CONSTRUCTION OF IMPROVEMENTS. CONTRACTOR WILL REPLACE REMOVED CURB—AND—GUTTER, SIDEWALK, DRIVE PADS, AND PAVEMENT TO ELEVATIONS PRIOR TO REMOVAL UNLESS OTHERWISE INDICATED ON THE PLANS.
- 49 CONTRACTOR WILL CONSTRUCT TEMPORARY ASPHALT PAVEMENT AS DIRECTED BY THE C.O.A. ENGINEER TO PROVIDE ACCESS TO LOCAL BUSINESS, ETC. TEMPORARY PAVEMENT SHALL BE REMOVED AND DISPOSED OF PRIOR TO PLACEMENT OF FULL WIDTH PAVEMENT SECTION. TEMPORARY PAVING SHALL BE PER C.O.A. STD. DWG. 2415 AND PAID FOR PER C.O.A. STD. SPECIFICATIONS.
- 50 ALL CLASSES OF SEEDING SHALL BE DRY LAND MIX PLACED AT 1.5 LBS/1000 S.F. WITH FERTILIZER 21-12-12 PLACED AT 5 LBS/1000 S.F.
- 51 PRE-WETTING OF THE EMBANKMENT FOUNDATION AND KEY TRENCH SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE EMBANKMENT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK.
- 2 ALL ASPHALTIC CONCRETE SHALL BE MINIMUM 1800 LB. STABILITY AND COMPACTED TO 93-97% MODIFIED MARSHALL DENSITY UNLESS OTHERWISE NOTED ON THE PLANS.
- 53 ALL RIP—RAP MATERIAL USED ON THIS PROJECT SHALL BE A NATURAL ROCK MATERIAL CONFORMING TO THE SIZE AND MATERIAL PROPERTY REQUIREMENTS SET FORTH IN THE C.O.A. STANDARD SPECIFICATIONS. NO BROKEN CONCRETE OR RUBBLE WILL BE ACCEPTED.
- 54 CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY
- 5 ALL STRIPING ON C.O.A. STREETS REMOVED OR DAMAGED MUST BE REPLACED WITH PLASTIC. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANING OF THE ROADWAY TO A MAXIMUM DEPTH OF 0.25 INCHES (MAXIMUM) AND FOR A WIDTH EQUAL TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.
- 56 ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
- 58 ALL EXISTING CITY OF ALBUQUERQUE INFRASTRUCTURE THAT IS IDENTIFIED TO BE SALVAGED SHALL BE DELIVERED TO THE CITY OF ALBUQUERQUE. CONTACT GLENN JERGENSEN AT 291–6214 FOR DELIVERY LOCATION.
- 59 ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE 1997 UNIFORM BUILDING CODE (UBC).
- STRUCTURAL DRAWINGS SHALL NOT BE SCALED.
- 61 CONTRACTOR SHALL VISIT SITE AND FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS. CHECK AND VERIFY EXISTING DIMENSIONS AND TAKE ADDITIONAL MEASUREMENTS AS NEEDED. NOTIFY ENGINEER OF ANY DISCREPANCY BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS ASSUMED IN DESIGN.
- CONTINUOUS REINFORCEMENT IN WALLS AND FOOTINGS MAY BE SPLICED AS REQUIRED, PROVIDED THAT BARS ARE OF THE LONGEST PRACTICAL LENGTH AND ALL SPLICES ARE SHOWN ON THE REINFORCING BAR SHOP DRAWNIGS. SPLICES ARE TO BE STAGGERED.
- 63 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS, SHORING, AND TEMPORARY BRACING.
- 64 IT IS THE CONTRACTOR'S RESPONSIBILITY TO PLACE OR STORE CONSTRUCTION MATERIALS ON THE STRUCTURE IN A MANNER THAT DOES NOT EXCEED THE ALLOWABLE LIVE LOAD. PROWDE COMPLETE AND ADEQUATE SHORING, BRACING, OR ADDITIONAL FRAMING WHEN OVERLOAD IS ANTICIPATED.
- POTHOLE DATA ON THESE PLANS ARE FOR INFORMATION ONLY AND ARE NOT TO RELIEVE THE CONTRACTOR FROM RESPONSIBILITY TO CONDUCT POTHOLE EXCAVATION IN ADVANCE OF CONSTRUCTION.

XISTING FEA	TURES LEGEND:	1A TIO		DATE	DATE	DATE	DATE	MA T	DATE		
x — — x — — x	EXISTING CHAIN-LINK FENCE	FORN						NFOF			
2" HPG-[×]	EXISTING GAS LINE W/ VALVE	7 //						I W7			
6" W-₩V	•	BUIL	80	,	7.5	ON BY	D BY	0-F	BY.		
W	EXISTING WATERLINE W/ VALVE EXISTING WATERLINE METER	AS	ONTRACT	ORK TAKED R	SPECTOR	ELD	RAWINGS	11CR	ECORDED	0	
0	EXISTING FIRE HYDRANT		0	3 00	2 <	E >	800	V	22	2	П
—_6" SAS¬ই\—	EXISTING SANITARY SEWER LINE W/ MANHOLE										
36" RCP	EXISTING STORM DRAIN										
*	EXISTING UTILITY POLE	S									
44	EXISTING 1' CONTOUR	MARK									
4945	EXISTING 5' CONTOUR										
=======	EXISTING CURB & GUTTER	BENCH									
	EXISTING CONCRETE										
	EXISTING BUILDING LINE										
	EXISTING EASEMENT LINE										
	EXISTING RIGHT-OF-WAY LINE			1.1					Ш		
		30		DATE							
NEW FEAT	JRES LEGEND:	IATIC									
		ORN									
	CONSTRUCTION CENTERLINE	INF		â							
x — ×	NEW CHAIN-LINK FENCE	NEY		L							
—2" HPG→	NEW GAS LINE W/ VALVE	SUR		9							
——6" W——	NEW WATERLINE W/ VALVE	\vdash									_
W	NEW WATERLINE METER										
.0.	NEW FIRE HYDRANT	SEA									
6" SAS	NEW SANITARY SEWER LINE W/ MANHOLE	VEER'S									
	NEW STORM DRAIN W/TEE MANHOLE	NGI									
*	NEW UTILITY POLE										
44	NEW 1' CONTOUR	\vdash									
4945	NEW 5' CONTOUR					m					
	NEW CURB & GUTTER								.* :		1
# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NEW CONCRETE								DATE	DATE	DATE
	NEW EASEMENT LINE										
	BORE HOLE/PAVMT CORE WITH #					REMARKS	SNONS	INC.			
© ¹						R	REVISION	HDR			
ullli.							R				
///////	NEW EDGE OF PAVEMENT										
		$\ \cdot \ $				ATE			BY:	Ξ.	BY:
	2155 LOUISIAMA BLVD., NE SUITE 9500 ALBUQUERQUE, NM 87110 MANH: (505) 884—8065 FAX: (505) 884—5989		_			NO.			ESIGNED	RAWN B	HECKED
DED.	CITY OF ALBUQUERQ				/E				Ö	Ö	Ö
#. #WC55389. A	STORM DRAINAGE DESIGN	DIV	ISI	01		4.1			_		
TITLE:	SERNA RD. DRAINAGE IMPROV	ЕМЕ	NT.	S							
Design Review Commi	ttoo City Engineer Assessed		Mo./	Dav/	Yr.	_		Mo.	/Dav/	Yr.	_
Design Review Commi	ttee City Engineer Approval					\Box					
	Design U					\dashv			_	_	_
	Lost De								_		_
City Project No.	Zone Man No		Sh	eet			()f			
/86	62.XX				2				4		



