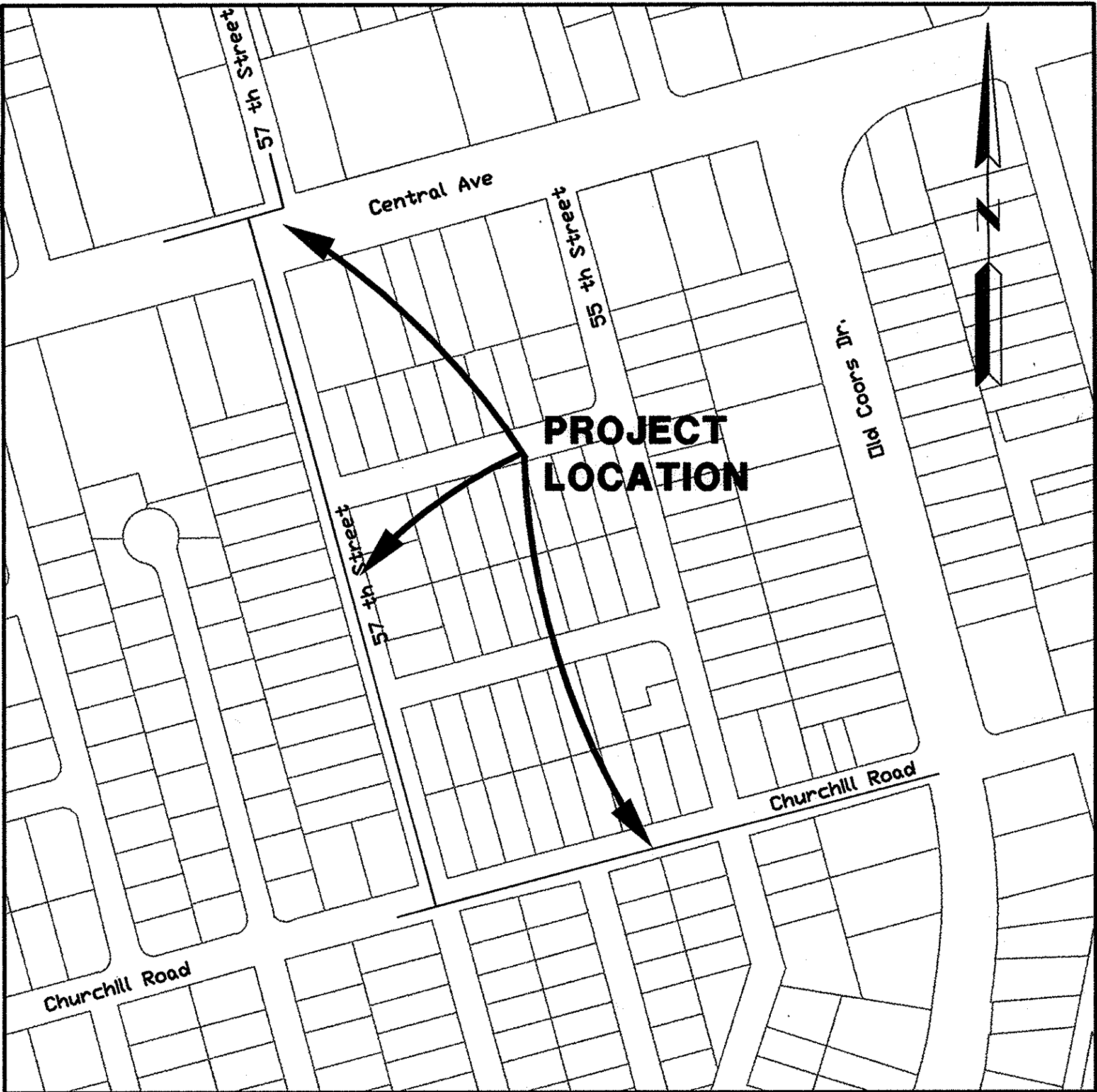


# CENTRAL - CHURCHILL DIVERSION

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VICINITY MAP

ZONE ATLAS K-11-Z  
SCALE: 1" = 200'

### SPECIAL PROJECT TRAFFIC CONTROL NOTES

- CONTRACTOR SHALL WORK CONTINUOUSLY, 24-HOURS PER DAY, ON CENTRAL AVENUE WHEN TRAFFIC LANES ARE CLOSED TO TRAFFIC UNLESS THE WORK VIOLATES THE CITY'S NOISE ORDINANCE.
- IF THE CONTRACTOR IS NOT ALLOWED TO WORK AT NIGHT DUE TO NOISE ORDINANCE VIOLATIONS, THE CONTRACTOR SHALL OPEN ALL TRAFFIC LANES TO TRAFFIC WITH THE PROPER USE OF TRENCH PLATES DURING NON-WORKING HOURS, AND MUST WORK MINIMUM HOURS FROM 7:00 A.M. TO 10:00 P.M. MONDAY THROUGH SATURDAYS.  
**DELETE**
- ALL WORK IN CENTRAL AVENUE WILL BE COMPLETED BY DEC. 23, 2004.

### UTILITY CONTACTS:

PNM Electric & Gas Co.  
Electric  
Alan Kesner  
Phone (505) 241-3435  
Gas  
Jeff Romanowski  
Phone (505) 241-7703  
Qwest Communications  
Mary Ann Jojola  
Phone (505) 245-6587  
Comcast Cable Television Co.  
Mike Mortus  
Phone (505) 761-6252  
New Mexico One Call System  
Phone (505) 260-1990  
Water Systems Division  
Phone (505) 857-2000

APPROVAL OF RECORD DRAWINGS  
CHIEF CONSTRUCTION ENGINEER  
*John P. Heston*  
DATE 08-26-05

RECORD DRAWINGS WERE PREPARED  
FROM INFORMATION PROVIDED BY  
THE CONTRACTOR

RECORD DRAWING  
05-15-05  
*Kevin K. Leavitt*

**LARKIN GROUP, INC.**  
8500 MENAUL NE, SUITE A-440  
ALBUQUERQUE, NEW MEXICO 87112  
TELEPHONE (505) 275-7500  
FAX (505) 275-0748

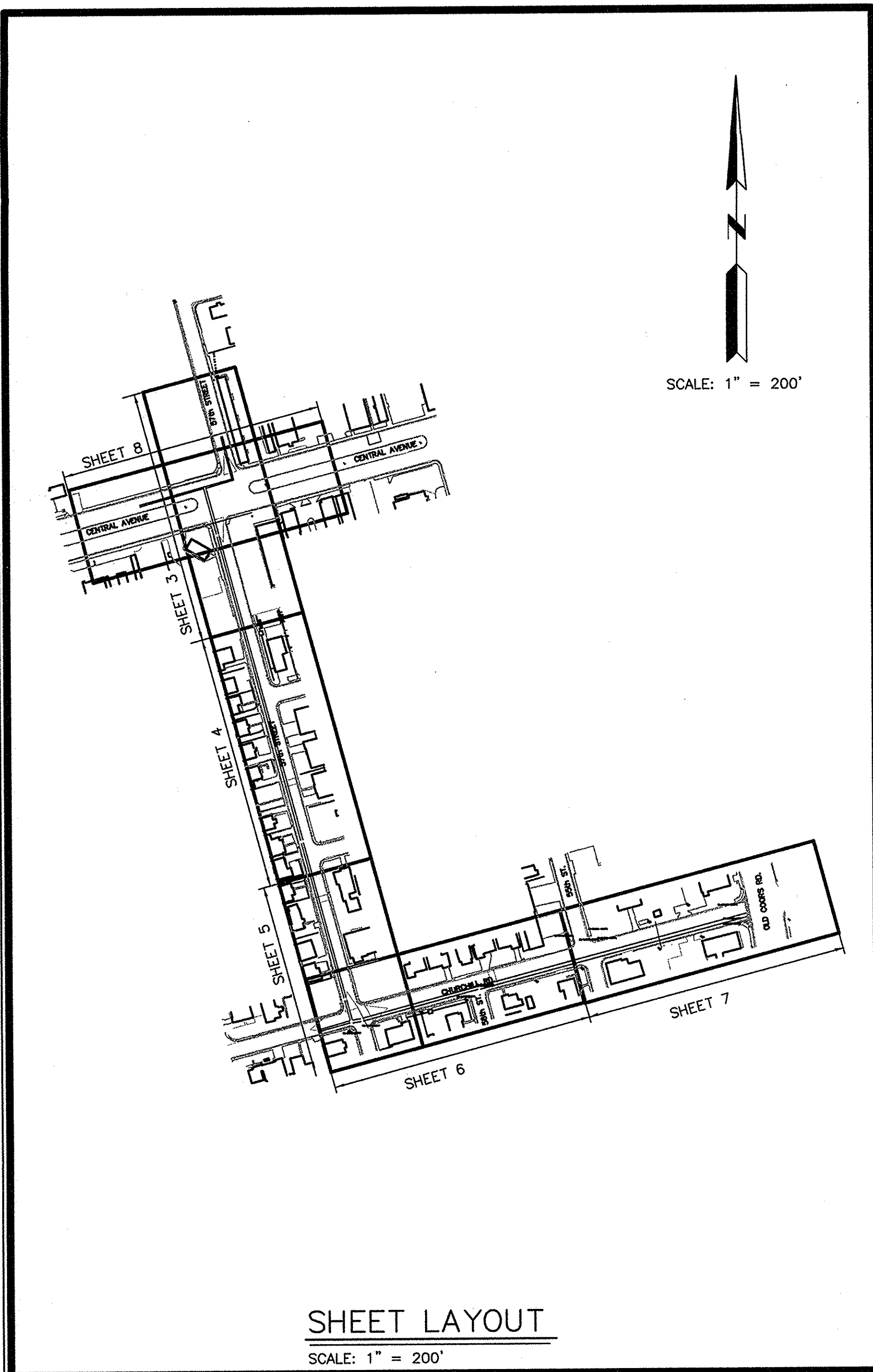
# CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT NEW MEXICO



SET NUMBER

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEER'S STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairperson	<i>John P. Heston</i>	8-31-04	APPROVED FOR CONSTRUCTION		
		Transportation	<i>William G. Walker</i>	8-31-04			
		Water/Wastewater	<i>John P. Heston</i>	8-31-04			
		Hydrology	<i>John P. Heston</i>	8-31-04			
		Parks	<i>John P. Heston</i>	8-31-04			
		Constr. Coord.	<i>John P. Heston</i>	8-31-04			
City Project No.				7219-02	Sheet	1	14





- GENERAL NOTES**
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, AS AMENDED THROUGH UPDATE NO. 7.
  - REFERENCES MADE TO STANDARD DRAWINGS REFER TO CITY OF ALBUQUERQUE STANDARD DRAWINGS.
  - TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990), FOR LOCATION OF EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES.
  - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR WILL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THIS WORK IS CONSIDERED INCIDENTAL TO THE PROJECT AND NO DIRECT PAYMENT WILL BE MADE THEREFORE.
  - THE CONTRACTOR SHALL MAINTAIN ALL UTILITY LINES WHICH ARE NOT SPECIFICALLY DESIGNATED TO BE REMOVED AND REPLACED ON THE PLANS. EMPLOY SHORING, SHEETING, TRENCH BOXES AND OTHER MEANS OF SUPPORT 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 WHICH CROSS THE TRENCH. SUPPORT OF EXISTING UTILITY LINES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE THEREFORE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE PROMPTLY REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY SIGNIFICANT DEVIATION OF
- UTILITIES FROM THE LOCATIONS SHOWN ON THE PLANS SO THAT CONFLICTS CAN BE RESOLVED IN A TIMELY MANNER.
- ALL EXCAVATION SHALL BE GOVERNED BY FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH, OSHA 29 CFR 1926.650. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P-25.
  - ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
  - BACKFILL AND COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
  - TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
  - WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED AS SHOWN PER CITY STANDARD DRAWINGS.
  - CONTRACTOR SHALL PROVIDE SUBGRADE PREPARATION UNDER ALL NEW PAVEMENT, CURBS AND GUTTERS, SIDEWALKS, VALLEY GUTTERS AND CONCRETE FILLETS. MEASUREMENT FOR PAYMENT OF SUBGRADE PREPARATION UNDER PAVEMENT SHALL BE FROM THE LIP OF GUTTER TO THE LIP OF GUTTER OR TO THE EDGE OF PAVEMENT WHERE APPLICABLE. SUBGRADE PREPARATION UNDER CONCRETE IMPROVEMENTS SUCH AS SIDEWALK, DRIVE PADS, CURB AND GUTTERS ETC. SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE BID ITEM TO WHICH THE SUBGRADE PREPARATION PERTAINS.
  - IT IS EXPECTED THAT THE EARTHWORK WILL BE REASONABLY BALANCED. HOWEVER, THE CONTRACTOR WILL BE RESPONSIBLE FOR FURNISHING BORROW MATERIAL OR HAULING OFF EXCESS MATERIAL. THE TRANSPORTATION AND/OR DISPOSAL OF THESE MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE

- BID ITEM FOR SUBGRADE PREPARATION. ALL EXCAVATED MATERIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED FROM THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION.
- WHERE REMOVAL OF EXISTING CURB AND GUTTER IS REQUIRED, SUCH REMOVAL SHALL BE MADE BACK TO THE NEAREST JOINT BEYOND THE REMOVAL REQUIRED.
  - CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE. THE CONTRACTOR SHALL 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.
  - WHEN ABUTTING NEW PAVEMENT TO EXISTING, CUT BACK EXISTING PAVEMENT TO A NEAT STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT, AND MATCH NEW TO EXISTING. NO SEPARATE PAYMENT SHALL BE MADE FOR SAW CUTTING OF EXISTING PAVEMENT BUT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. CUTTING OF PAVEMENT SHALL BE IN CONFORMANCE WITH THE SPECIFICATIONS.
  - WHEN CONSTRUCTION UNDER THIS PROJECT CONNECTS TO EXISTING PAVEMENT, THE CONTRACTOR SHALL PROVIDE A SMOOTH RIDING CONNECTION.
  - MATCH FLOW LINES OF GUTTER WHEN CONNECTING NEW CURB AND GUTTER TO EXISTING. IF NEW CURB HEIGHT IS DIFFERENT FROM EXISTING, TRANSITION TO NEW CURB HEIGHT IN FIVE FEET.
  - NO SEPARATE PAYMENT WILL BE MADE FOR RE-GRADING NEW MANHOLE FRAMES AND COVERS OR VALVE BOXES THAT ARE CONSTRUCTED AND INSTALLED UNDER THIS CONTRACT. ANY RE-GRADING WORK REQUIRED TO ADJUST THESE ITEMS TO FINISH GRADE SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE MANHOLE OR VALVE BOX AS APPLICABLE.
  - EXERCISE CARE TO AVOID DISTURBING EXISTING UTILITIES, AND COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION.
  - RELOCATION OF EXISTING UTILITIES AND THE INSTALLATION OF NEW UTILITY LINES WILL BE COMPLETED IN ADVANCE OF STARTING THE PAVEMENT WORK. PLACE TEMPORARY PAVEMENT IN ALL TRENCHES REQUIRED FOR THE UTILITY REPLACEMENTS IN THOSE AREAS THAT MUST MAINTAIN TRAFFIC UNTIL THE PAVEMENT WORK STARTS IN EACH AREA. PAVEMENT REPLACEMENT MUST BEGIN WITHIN SEVEN (7) DAYS OF TRENCH CLOSURE. TEMPORARY STRIPING SHALL BE THE CONTRACTORS RESPONSIBILITY.
  - EXISTING TELEPHONE MANHOLES AND GAS VAULTS WITHIN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO GRADE BY OTHERS. REMOVAL AND/OR RELOCATION OF EXISTING ELECTRIC POWER LINES, GASLINES, TELEPHONE LINES, CABLE TV LINES, AND RELATED POLES, BOXES, METERS, VALVES AND SIMILAR EQUIPMENT SHALL BE PERFORMED BY OTHERS. A LIST OF CONTACTS FOR THOSE RESPONSIBLE FOR ABOVE GRADE ADJUSTMENTS, REMOVAL AND/OR RELOCATIONS PRIOR TO THE START OF CONSTRUCTION IS LISTED ON SHEET 1 OF THESE PLANS. CONTRACTOR WILL GIVE A MINIMUM OF 72 HOURS NOTICE FOR THIS ASSISTANCE.
  - IF THE CONTRACTOR REQUIRES ASSISTANCE WITH SUPPORTING GAS LINES OR SERVICES CALL: JEFF ROMANOWSKI - PNM GAS - 241-7703
  - THE CONTRACTOR WILL PLACE PERMANENT PAVEMENT STRIPING AND MARKINGS. 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. ANY PAVEMENT MARKINGS REMOVED OR DISTURBED DURING CONSTRUCTION SHALL BE REPLACED AT EXISTING LOCATIONS BY THE CONTRACTOR AT HIS COST.
  - TWO (2) DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING, CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION SCHEDULE TO THE CITY PROJECT MANAGER. TWO (2) DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. THE CONTRACTOR SHALL NOTIFY BARRICADE ENGINEERS (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
  - THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CONSTRUCTION COORDINATION DIVISION FOR APPROVAL AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. THE TRAFFIC CONTROL PLAN SHALL BE PREPARED IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" CURRENT EDITION PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION. REQUIREMENTS BY A CERTIFIED TCS OR TCT. IT SHALL INCLUDE A COMPLETE SIGNING, BARRICADE AND DETOURING PLAN WITH ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. WORK SHALL NOT BEGIN UNTIL THE TRAFFIC CONTROL PLAN HAS BEEN APPROVED. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR PREPARATION OF A TRAFFIC CONTROL PLAN. ALL SUCH WORK SHALL BE, CONSIDERED INCIDENTAL TO THE TRAFFIC CONTROL BID ITEM.
  - TRAFFIC CONTROL SHALL INCLUDE THE FURNISHING AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES INCLUDING SIGNING, VERTICAL PANELS, BARRELS, BARRICADE, TEMPORARY STRIPING, TEMPORARY SIGNALS, ALL OTHER DEVICES, REQUIRED BY THE "MANUAL ON UNIFORM TRAFFIC CONTROL" AND ANY ITEMS THAT ARE NECESSARY TO COMPLY WITH THE CITY OF ALBUQUERQUE CONSTRUCTION BARRICADE AND TRAFFIC CONTROL DURING CONSTRUCTION OF THIS PROJECT. THE TRAFFIC CONTROL PHASING PLANS INCLUDED WITH THESE DRAWINGS PROVIDES ONE POSSIBLE SCHEME FOR PHASING CONSTRUCTION OF THE PROJECT.

- THE CONTRACTOR MAY PROVIDE AN ALTERNATIVE PHASING SCHEME IN CONJUNCTION WITH THE TRAFFIC CONTROL PLAN WHICH WILL BE SUBJECT TO APPROVAL BY THE CONSTRUCTION COORDINATOR.
- THE CONTRACTOR SHALL MAINTAIN TRAFFIC LANES PROVIDED DURING CONSTRUCTION, UNDER ALL WEATHER CONDITIONS, SO AS TO PERMIT THE REASONABLE PASSAGE OF VEHICLES, KEEPING SAID TRAFFIC LANES GRADED, SMOOTH AND WATERED AS NECESSARY.
  - ALL ARTERIAL OR COLLECTOR ROADWAYS WITHIN THIS PROJECT CONSTRUCTION AREA SHALL BE POSTED AS "DOUBLE FINE ZONES". PAYMENT FOR THESE SIGNS SHALL BE INCLUDED IN THE LUMP SUM TRAFFIC CONTROL BID ITEM.
  - CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (857-2000) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
  - THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS CONTROLLING POLLUTION OF THE ENVIRONMENT. PRIOR TO THE START OF THE PROJECT CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE AGENCIES RESPONSIBLE FOR AIR, NOISE, AND WATER QUALITY CONTROL REGULATIONS TO DETERMINE THE STANDARDS WHICH SHALL ADHERE DURING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL OBTAIN, PREPARE, SUBMIT ALL FORMS, APPLICATIONS PERMITS, AND/OR PLANS REQUIRED TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS 42. CONTROLLING POLLUTION OF THE ENVIRONMENT. THE CONTRACTOR SHALL ALSO MODIFY ALL PLANS, PERMITS, FORMS, APPLICATIONS AS REQUIRED, AS SITE CONDITIONS CHANGE TO STAY IN COMPLIANCE WITH THESE LAWS AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RECORD KEEPING AND/OR INSPECTIONS ASSOCIATED WITH THESE LAWS AND REGULATIONS. THE CONTRACTOR SHALL PROVIDE THE PROJECT ENGINEER ONE ADDITIONAL COPY OF EACH REQUIRED PLAN, SUBMITTED FORM, OR APPLICATION, AND PLAN UPDATE AS THEY ARE SUBMITTED. THESE RESPONSIBILITIES INCLUDE, BUT ARE NOT LIMITED TO, ENVIRONMENTAL PROTECTION AGENCY (EPA) N.P.D.E.S REQUIREMENTS INCLUDING THE PREPARATION OF AN APPROPRIATE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE PROJECT 7 DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL FILE THE APPROPRIATE NOTICE OF INTENT (N.O.I.) AND NOTICE OF TERMINATION (N.O.T.) FORMS, AS REQUIRED, WITH THE REQUIRED AGENCIES. THE CONTRACTOR SHALL ALSO MODIFY THIS SWPPP AS REQUIRED, AS SITE CONDITIONS CHANGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE RECORDS AND INSPECTIONS REQUIRED FOR THIS SWPPP. PERFORMANCE OF THESE RESPONSIBILITIES ARE INCIDENTAL TO CONSTRUCTION OF THE PROJECT AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.
  - FOR STORM DRAIN CONSTRUCTION, RCP JOINTS SHALL NOT BE GROUDED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUDED OR REPAIRED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
  - CONTRACTOR SHALL PROVIDE TEMPORARY WATER SERVICE LINES TO PROPERTIES WHEN WATER SERVICE IS INTERRUPTED FOR MORE THAN A FEW HOURS. PROPERTIES SHALL NOT BE LEFT WITHOUT WATER SERVICE OVERNIGHT.
  - PORTIONS OF THE EXISTING WATERLINE PIPE AND SANITARY SEWER LINE PIPE WITHIN THE PROJECT AREA MAY BE ASBESTOS CEMENT (AC) PIPE. WHERE EXISTING AC PIPE IS TO BE REMOVED, THE CONTRACTOR SHALL USE CARE IN REMOVING EXISTING PIPE AND SHALL COMPLY WITH ALL APPLICABLE LAWS, RULES AND REGULATIONS, IN REMOVING AND DISPOSING OF THE ASBESTOS CEMENT PIPE. AC PIPE SHALL NOT BE REUSED.
  - CONTRACTOR SHALL COORDINATE AND INFORM PROPERTY OWNERS PRIOR TO THE REMOVAL OF LANDSCAPING AND/OR OTHER MISCELLANEOUS IMPROVEMENTS THAT MAY BE ENCOUNTERED ALONG THE STREET RIGHT-OF-WAY. LINE ABUTTING PRIVATE PROPERTY THAT ARE REQUIRED TO BE REMOVED TO CONSTRUCT THE PROJECT. PAYMENT FOR LANDSCAPING AND OTHER MISCELLANEOUS ITEMS REMOVED BY THE CONTRACTOR ALONG THE RIGHT-OF-WAY AS REQUIRED TO CONSTRUCT THE PROJECT WILL BE INCIDENTAL TO OTHER ITEMS OF WORK. NO DIRECT PAYMENT SHALL BE MADE THEREFOR.
  - MEASUREMENT AND PAYMENT OF CURB AND GUTTER SHALL BE PER LINEAR FOOT AS MEASURED THROUGH CURB INLETS AND DRIVE PADS, AND AROUND ALL CURB RETURNS THAT DO NOT REQUIRE CURB RETURN FILLETS (VALLEY GUTTERS.)
  - MEASUREMENT FOR PAYMENT OF CURB RETURN FILLETS (VALLEY GUTTERS) SHALL BE MADE PER SQUARE YARD OF HORIZONTAL SURFACE AREA. THE OUTSIDE LIMITS OF MEASUREMENTS SHALL BE THE EXTENSION OF THE LIP OF GUTTER LINES TO THEIR POINT OF INTERSECTION OF THE P.C. AND P.T. OF THE CURB RETURN AND THE BACK OF CURB. PAYMENT PER SQUARE YARD OF HORIZONTAL SURFACE AREA SHALL INCLUDE STEEL REINFORCEMENT AND THE STAND UP AND/OR LAY DOWN CURB RETURN ASSOCIATED WITH THE CONCRETE FILLET. NO SEPARATE PAYMENT WILL BE MADE FOR THE CURB ASSOCIATED WITH THE CONCRETE CURB RETURN FILLETS.
  - MEASUREMENT AND PAYMENT FOR TEE MANHOLES SHALL INCLUDE FABRICATION OF THE TEE MANHOLE UP TO 18 INCHES ABOVE THE SOFFIT, PLUS DELIVERY AND INSTALLATION OF THE PRE-FABRICATED TEE MANHOLE. MEASUREMENT FOR PAYMENT OF THE VERTICAL PORTION OF THE TEE MANHOLES MORE THAN 18 INCHES ABOVE THE

- SOFFIT SHALL BE PER VERTICAL FOOT FOR THE DIAMETER OF THE MANHOLE BARREL AS INDICATED IN THE BID ITEM.
- MEASUREMENT AND PAYMENT FOR SANITARY SEWER AND STORM DRAIN LINES SHALL BE PER LINEAR FOOT AS MEASURED THROUGH ALL MANHOLES, WYES, BENDS, REDUCERS, JUNCTION BOXES, AND TO THE INSIDE FACE OF INLETS. STORM DRAIN REDUCERS WILL BE INCLUDED IN THE MEASUREMENT OF THE LARGEST PIPE DIAMETER OF THE REDUCER.
  - MEASUREMENT AND PAYMENT FOR TRENCHING, BACKFILLING AND COMPACTION ASSOCIATED WITH ALL SANITARY SEWER AND STORM DRAIN LINES SHALL BE PER LINEAR FOOT AS MEASURED THROUGH ALL MANHOLES, WYES, BENDS, REDUCERS, AND JUNCTION BOXES, AND TO THE INSIDE FACE OF INLETS.
  - MEASUREMENT AND PAYMENT FOR STORM DRAIN INLETS WILL BE MADE PER EACH UP TO AND 5.5 FEET OF DEPTH AS MEASURED FROM THE GRATE ELEVATION TO THE INVERT OF LOWER PIPE CONNECTED TO THE INLET. MEASUREMENT AND PAYMENT FOR THE VERTICAL PORTION OF THE INLET GREATER THAN 5.5 FEET DEEP WILL BE MADE PER VERTICAL FOOT FOR THE TYPE OF INLET AS INDICATED IN THE BID ITEM.
  - NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR ANY HAULING OR DISPOSAL OF MATERIALS. THE TRANSPORTATION AND/OR DISPOSAL OF MATERIAL SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM TO WHICH THE WORK PERTAINS.
  - THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL DEMOLITION DEBRIS. WORK MATERIALS SHALL BE DISPOSED OF IN A CITY APPROVED WASTE AREA, IN ACCORDANCE WITH CITY OF ALBUQUERQUE SPECIFICATIONS, LATEST EDITION, SECURED BY AND AT THE EXPENSE OF THE CONTRACTOR.
  - THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED UTILITY LINES WHICH ARE EXPOSED AS A RESULT OF CONSTRUCTION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
  - THE CONTRACTOR WILL BE REQUIRED TO CONFINES HIS WORK WITHIN THE CONSTRUCTION EASEMENTS AND/OR RIGHT-OF-WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. THE CONTRACTOR SHALL PROVIDE COPIES OF AGREEMENTS MADE WITH ADJACENT LANDOWNERS TO THE CITY OF ALBUQUERQUE. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS.
  - THE CONTRACTOR SHALL HAND DELIVER SPECIAL NOTICES TO EACH RESIDENT OR BUSINESS ADJACENT TO THE CONSTRUCTION AREA AND TO OTHERS WHO MAY BE AFFECTED BY THE CONSTRUCTION ACTIVITIES. NOTICES SHALL PROVIDE INFORMATION WHENEVER ACCESS UTILITY SERVICES OR OTHER SERVICES TO PROPERTIES MAY BE IMPAIRED.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR:
    - DELIVERY OF SPECIAL NOTICES NOT MORE THAN SEVEN (7) DAYS NOR LESS THAN FOUR (4) DAYS PRIOR TO PHYSICAL CONSTRUCTION THAT WILL AFFECT THE PROPERTY.
    - DELIVERY OF CORRECTED NOTICES IF CONSTRUCTION DOES NOT START WITHIN 48 HOURS OF THE DATE GIVEN ON THE NOTICE.
  - THE WRITTEN NOTICE SHALL STATE:
    - CONTRACTORS NAME, ADDRESS, AND LOCAL TELEPHONE NUMBER.
    - NATURE OF WORK TO BE DONE.
    - TYPE OF DISRUPTION TO EXPECT.
    - EXPECTED DURATION OF CONSTRUCTION AND START DATE.
    - CONTRACTORS LOCAL PHONE NUMBER WHERE EMERGENCY CONDITIONS CAN BE REPORTED DURING NORMAL WORKING HOURS.
    - CONTRACTORS LOCAL PHONE NUMBER WHERE EMERGENCY CONDITIONS CAN BE REPORTED DURING NON-WORKING HOURS.
  - CONTRACTOR SHALL PROVIDE REASONABLE ACCESS TO PROPERTIES WITHIN THE PROJECT AREA DURING CONSTRUCTION.
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO KNOW AND COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970".
  - THE FIRE DEPARTMENT SHALL BE NOTIFIED 48 HRS. IN ADVANCE BY THE CONTRACTOR WHENEVER FIRE HYDRANT IS TO BE REMOVED OR IS TO BE OUT OF SERVICE.
  - CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
  - EXISTING PAVEMENT DESIGNATED TO BE REMOVED MAY BE PULVERIZED TO A 1 1/2" MAXIMUM SIZE AND UTILIZED IN SUBGRADE MATERIAL IN LIEU OF REMOVAL OF THE PAVEMENT AT THE CONTRACTORS OPTION. PULVERIZED MATERIAL SHALL BE MIXED WITH EXISTING SUBGRADE MATERIAL. IN EITHER CASE, REMOVAL OR PULVERIZATION, PAYMENT WILL BE MADE UNDER THE BID ITEM -- EXISTING PAVEMENT, ASPHALT CONCRETE, REMOVE AND DISPOSE, ANY THICKNESS, COMPLETE. MEASUREMENT OF THE EXISTING PAVEMENT SHALL BE MADE AND RECORDED PRIOR TO REMOVAL OR PULVERIZATION.

- PAVING OF UTILITY TRENCH CUTS SHALL CONFORM WITH CITY OF ALBUQUERQUE STANDARD DRAWING NO. 2465.
- THE DESIGN "R" VALVE FOR THIS PROJECT IS \_53\_.
- ALL TEXTURED CONCRETE MEDIAN PAVEMENT ON THIS PROJECT IF ANY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, SECTION 346. THE COLOR IS TO BE "BAJA RED", RUNNING BOND PATTERN.
- QUANTITIES SHOWN FOR THE VARIOUS UNIT PRICE BID ITEMS ARE FOR THE CONTRACTOR'S INFORMATION ONLY. PAYMENT SHALL BE BASED ON ACTUAL QUANTITIES AS CONSTRUCTED.
- NOISE SUPPRESSION DEVICES SHALL BE KEPT IN WORKING ORDER ON ALL EQUIPMENT IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS AND CITY ORDINANCES THROUGHOUT THE COURSE OF CONSTRUCTION.
- WATERING FOR DUST CONTROL, AS REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE THEREFOR. CONSTRUCTION AREAS SHALL BE WATERED OR OTHERWISE KEPT DUST FREE. THE CONTRACTOR SHALL USE WATERING EQUIPMENT FOR DUST POLLUTION ABATEMENT AS DIRECTED BY THE PROJECT MANAGER.
- THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH "AS-BUILT" PLANS. THE MAINTENANCE OF THESE PLANS INCLUDE: 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 REVIEWED BY THE PROJECT MANAGER FOR COMPLETENESS AT LEAST ONCE EVERY 30 DAYS THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE PROJECT MANAGER BEFORE FINAL PAYMENT IS MADE.
- ALL DATA SHOWN HEREIN CONCERNING EXISTING UTILITIES HAS BEEN OBTAINED FROM THE OWNERS OF THE UTILITIES, FROM RECORDS OF THE CITY OF ALBUQUERQUE AND FROM FIELD OBSERVATIONS. THESE MAY OR MAY NOT BE ACCURATE. THE CONTRACTOR IS CAUTIONED THAT HE IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF, AND FOR PROVIDING PROTECTION OF, ALL LINES. DURING CONSTRUCTION, UTILITY RELOCATIONS REQUIRED BY THE CONSTRUCTION OF THIS PROJECT ARE TO BE COORDINATED BY THE CONTRACTOR. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREW. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. ANY DAMAGE BY THE CONTRACTOR TO LINES, VALVES, METERS, ETC., WILL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- THE CONTRACTOR WILL NOTIFY THE FIELD ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK, IN ORDER THAT THE FIELD ENGINEER 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 THE CITY OF ALBUQUERQUE SURVEY SECTION. (768-3614) WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR WILL, AT HIS OWN EXPENSE, HAVE THE CITY SURVEY SECTION ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4 OF THE SPECIFICATIONS.
- CONTRACTOR WILL NOT PAVE OVER ANY SURFACE FEATURE, I.E., GAS VALVE, MANHOLE COVER, ETC. WITHOUT PRIOR APPROVAL FROM THE CITY FIELD ENGINEER.
- CONTRACTORS YARD, AND ANY OTHER AREAS DISTURBED BY THE CONTRACTOR NOT INCLUDED ON THE PLANS, SHALL BE TREATED WITH NATIVE GRASS SEEDING. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
- 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, GUARD FENCES, WALKS AND BRIDGES.
- DURING CONSTRUCTION, CONTRACTOR SHALL COORDINATE BUS SCHEDULES ON CENTRAL AVE. WITH SUNTRAN.
- EXISTING PAVEMENT STRIPING & MARKINGS DISTURBED BY CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NO DIRECT PAYMENT SHALL BE MADE THEREFOR.
- REMOVAL AND REPLACEMENT OF SPEED HUMPS SHALL BE INCIDENTAL TO CONSTRUCTION OF THE PROJECT AND NO SEPARATE PAYMENT WILL BE MADE.
- SHOULD DELIVERY OF TEE MANHOLES BE DELAYED CONTRACTOR MAY SUBSTITUTE STD. TYPE "C" MANHOLES IN LIEU OF TEE MANHOLE. PAYMENT FOR STD. MANHOLE WILL BE MADE UNDER APPLICABLE BID ITEM. DIA. OF MANHOLE SHALL BE APPROVED BY ENGINEER.
- NEW INLETS INSTALLED IN EXISTING CURB AND GUTTER TO MATCH FACE AND FLOWLINE OF EXISTING CURB AND GUTTER.

LEGEND	
NEW STORM DRAIN LINE	SD
NEW STORM DRAIN TEE MH	TM
NEW STORM DRAIN INLET	IN
NEW STORM DRAIN BEND	BD
NEW SAS LINE	SAS
EXISTING STORM DRAIN LINE	SD
EXISTING STORM DRAIN MANHOLE	TM
EXISTING STORM DRAIN JUNCTION BOX MANHOLE	JB
EXISTING STORM DRAIN INLET	IN
EXISTING GAS LINE	GAS
EXISTING CABLE TV LINE	CATV
EXISTING COMM LINE, FIBER OPTIC	FO
EXISTING SAS LINE	SAS
EXISTING WATER LINE	W
EXISTING OVERHEAD ELECTRIC	OHE
EXISTING TELEPHONE SERVICE	TEL
EXISTING SAS MANHOLE	SM
EXISTING GUY POLE	GP
EXISTING GAS VALVE	GV
EXISTING GAS METER	GM
EXISTING WATER VALVE	WM
EXISTING WATER METER	WM
EXISTING FIRE HYDRANT	FH
EXISTING UTILITY POLE	UP
EXISTING LIGHT POLE	LP
EXISTING TELE MANHOLE	TM
EXISTING US WEST BOX	USWB
EXISTING SIGN	SN
EXISTING BOLLARD	BOL
EXISTING BUILDING	BLDG
EXISTING CURB & GUTTER	CG
PAVEMENT REMOVAL LIMITS	PR
EXISTING SIDEWALK	SW
EXISTING EASEMENT	4950
EXISTING CONTOUR MAJOR	4950
EXISTING CONTOUR MINOR	X 4950.1
EXISTING SPOT ELEVATION	SP
EXISTING IRON FENCE	IF
EXISTING BLOCK WALL	BW
EXISTING FENCE	F
EXISTING GATE	G
EXISTING TREE	T
SURVEY CONTROL POINT	CP9
POT HOLE LOCATION-UTILITIES	PH #
BORE HOLE LOCATION-SOIL SAMPLES	BH #
HYDRAULIC GRADE LINE	HL

RECORD DRAWING  
05-15-05  
J. K. BAKER  
MEX 10336  
PROF. ENGINEER

LARKIN GROUP, INC.  
CONSULTING ENGINEERS AND SURVEYORS  
8500 MENAUL BLVD. NE #440  
(505) 275-7500

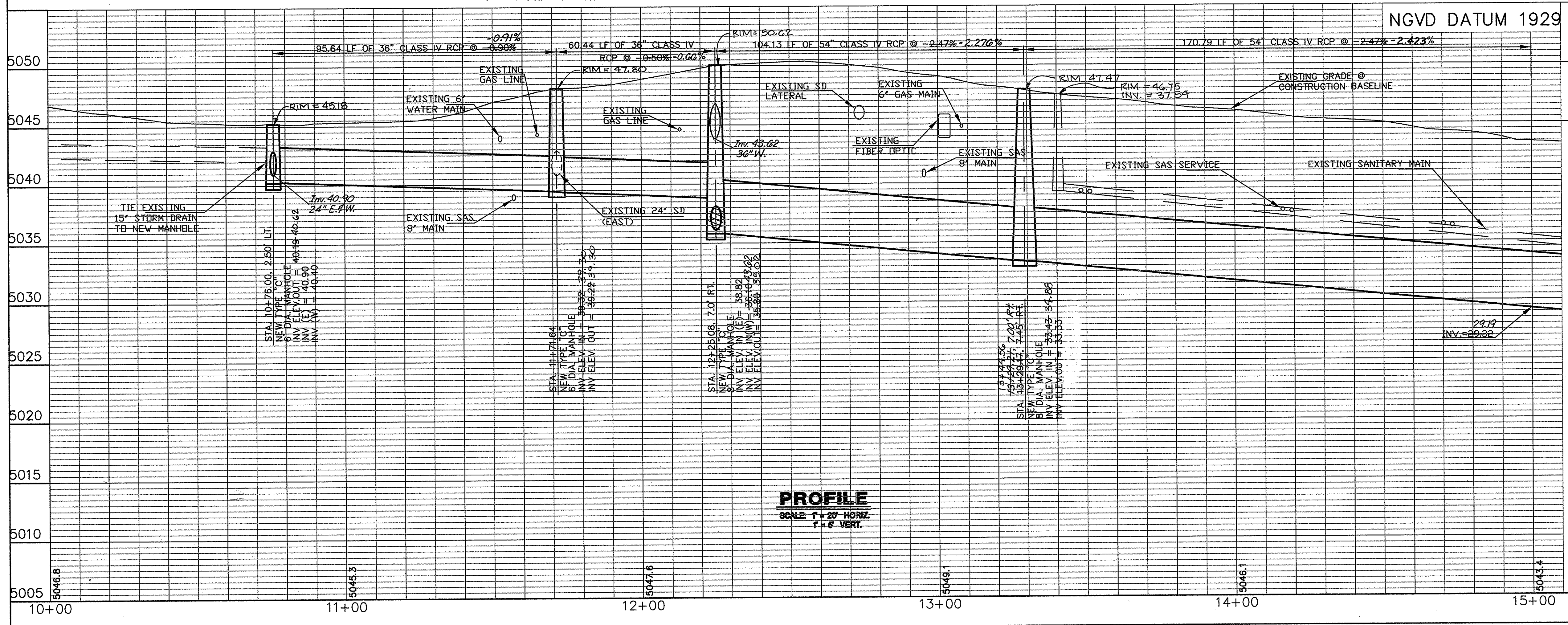
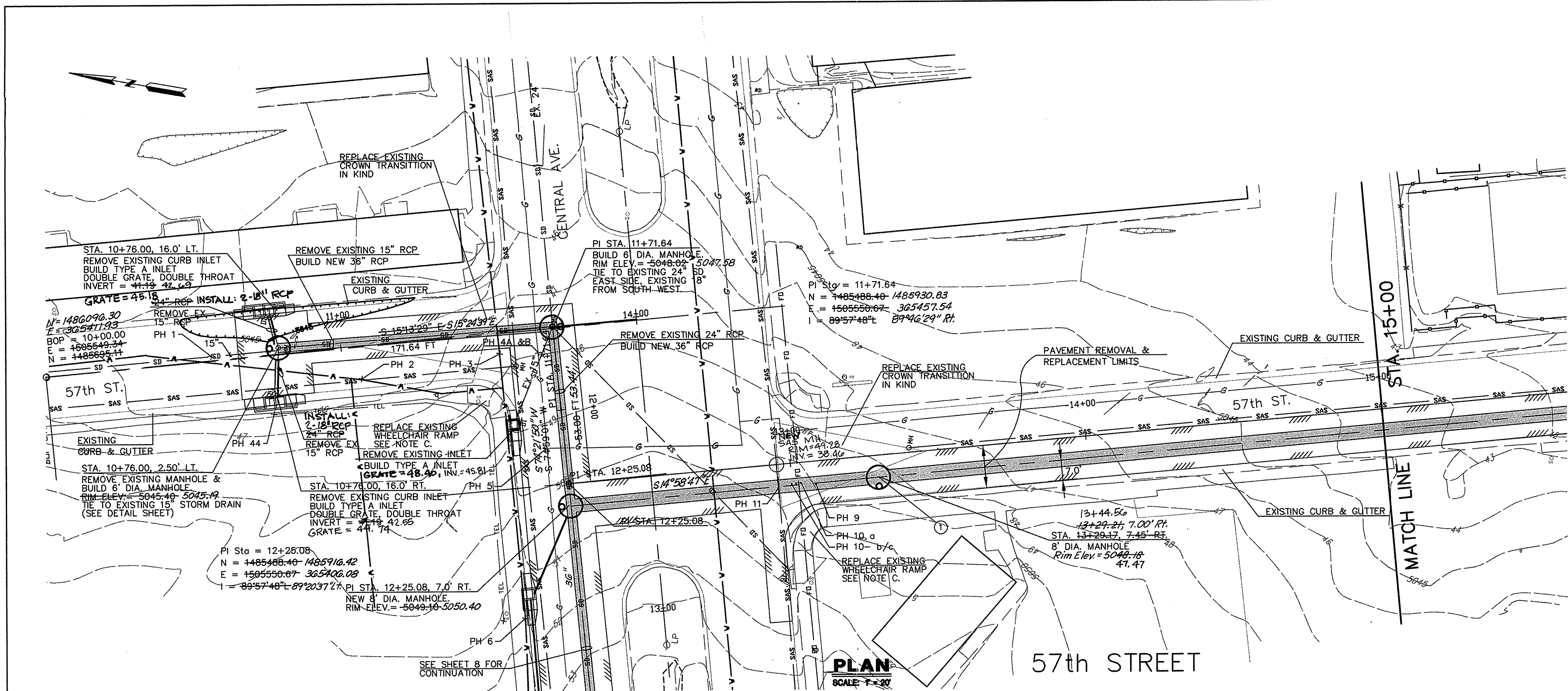
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: **CENTRAL CHURCHILL DIVERSION**  
SHEET LAYOUT & GENERAL NOTES

DESIGN	REVIEW	DATE	BY	DATE	BY
SEP - 3 2004	SEP - 3 2004				

City Project No. **7219-02** Zone Map No. **K-11-Z** Sheet **2** Of **14**





NOTE

- NOTE A Any water service lines that need to be replaced shall be replaced with copper tubing and no splices from meter to main. As per C.O.A. Std Dwg. 2382.
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- NOTE G Storm Drain inlets will be as per COA STD DWG 2201.
- NOTE H All pavement cuts to be made perpendicular to traffic flow. Pavement cuts at a curb radius will be made radial to the curb.

POTHOLE INFORMATION

POTHOLE # (PH)	APPROXIMATE SIZE/MATERIAL	GROUND ELEVATION	PIPE ELEVATION
1	18" AC/SD	45.59	43.26
2	10" AC/WL	45.55	41.13
3	6" METAL/WL	47.84	44.17
4a	2 1/2" METAL/GAS	48.28	44.36
4b	16" RCP/SD	48.35	46.10
5	16" RCP SD	49.70	44.78
6	2 1/2" METAL/GAS	52.62	49.20
9	6" METAL GAS	48.89	45.22
10a	17" FIBER OPTIC	49.08	45.83
10b/c	4" PVC PIPE	49.18	46.43
11	8" RCP/ SAS	49.50	41.17
44	1" CABLE	45.74	44.16
45	1" CABLE	52.03	50.95

\* PIPE SIZES & TYPES ARE BEST ESTIMATE, TO BE CONFIRMED BY CONTRACTOR.

KEYED NOTES

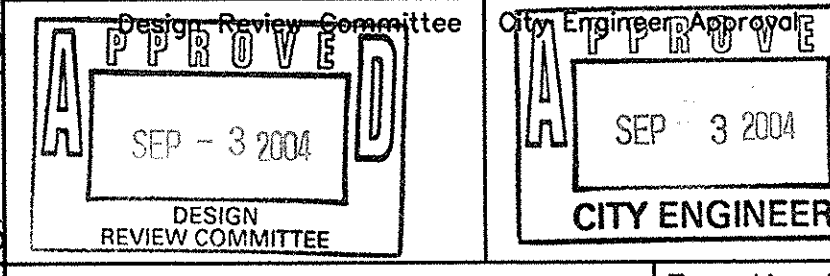
1. CONTRACTOR TO VERIFY ALL EXISTING UTILITIES AND MANHOLES BEFORE CONSTRUCTION. IF ANY UTILITIES OR MANHOLES ARE NOT SHOWN ON THESE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND DEEPENING THEM TO THE REQUIRED DEPTH AND SETTING THEM IN PLACE.

RECORD DRAWING  
05-15-05  
Javier Sandoval

- NOTE THE EXISTING MH'S AND VALVE BOXES IN THE PROJECT AREA HAVE BEEN PAVED OVER. CONTRACTOR IS THEREFORE NOTIFIED OF THE EXISTENCE OF LINES AND VALVES NOT SHOWN ON THESE PLANS.
- BORINGS FOR SOIL PROFILES AND POTHOLE EXPLORATIONS ARE AVAILABLE FOR COPY AT OUR OFFICE.

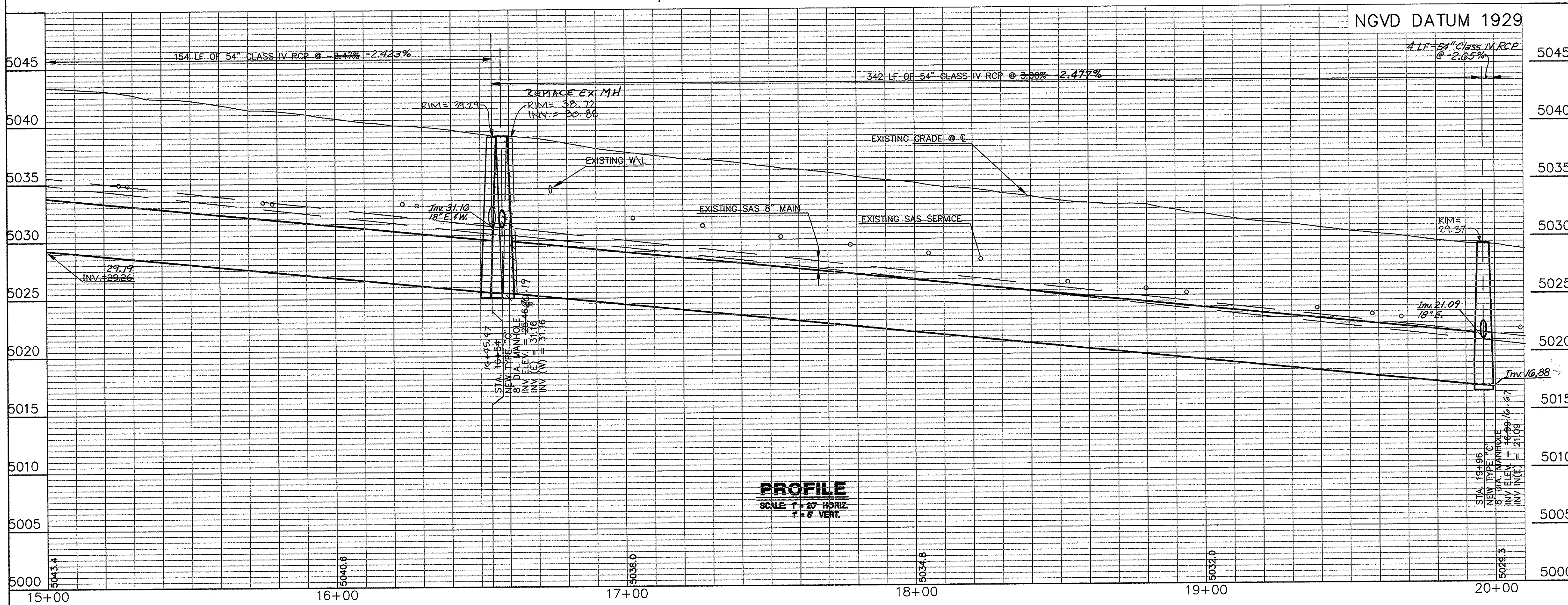
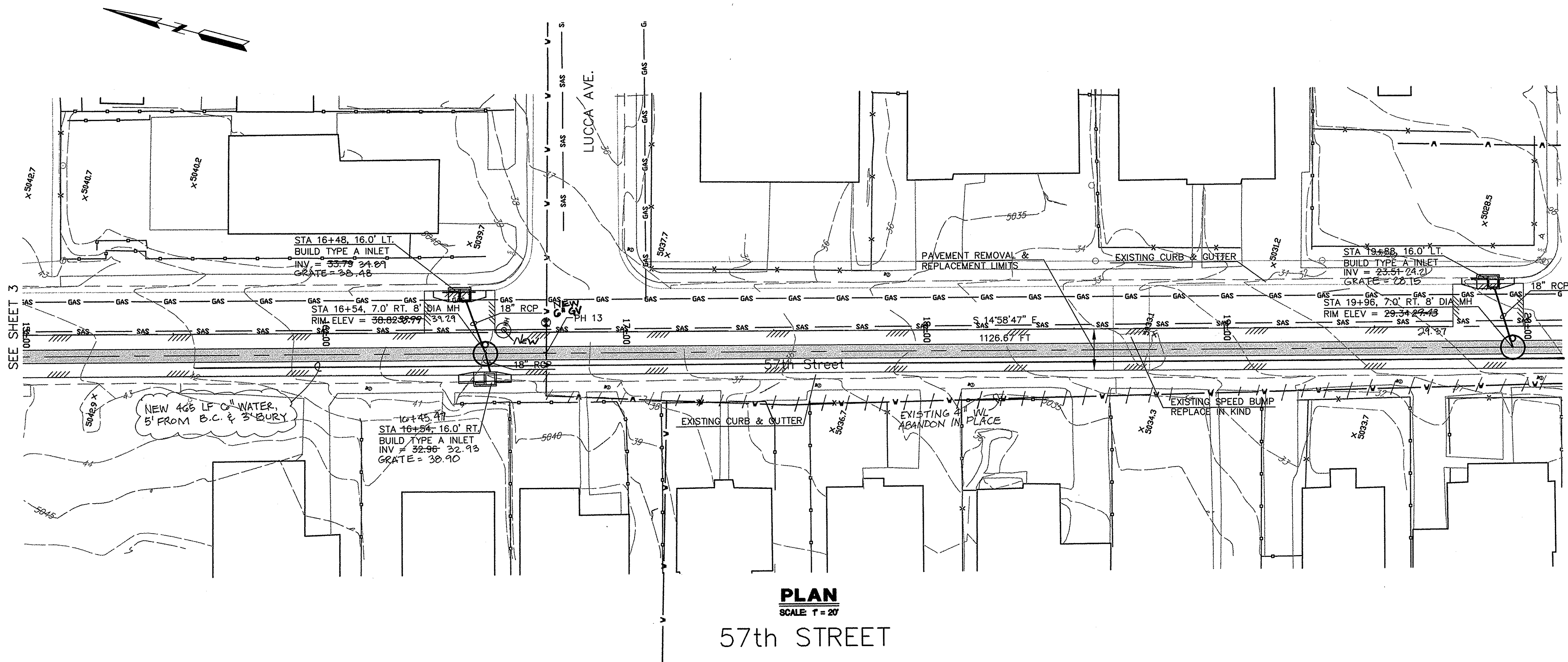


CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
CENTRAL CHURCHILL DIVERSION  
57th STREET  
PLAN & PROFILE STA 10+00 TO 15+00



AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	CONCRETE CONSTRUCTION CO.	ALBUQUERQUE CONTROL SURVEY BM "NM448-C1"	LOCATED IN THE CENTER MEDIAN OF WEST CENTRAL AVE. AND WEST OF 59th STREET SW.	DATE	DATE	NO.	BY
DATE	5-15-05	DATE	5-15-05	DATE	DATE	DATE	DATE
DESIGNED BY	Larkin	DESIGNED BY	Larkin	DESIGNED BY	Larkin	DESIGNED BY	Larkin
DRAWN BY	Larkin	DRAWN BY	Larkin	DRAWN BY	Larkin	DRAWN BY	Larkin
CHECKED BY	Larkin	CHECKED BY	Larkin	CHECKED BY	Larkin	CHECKED BY	Larkin
RECORDED BY	Larkin	RECORDED BY	Larkin	RECORDED BY	Larkin	RECORDED BY	Larkin
DATE	5-15-05	DATE	5-15-05	DATE	5-15-05	DATE	5-15-05
MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION	
DATE	5-15-05	DATE	5-15-05	DATE	5-15-05	DATE	5-15-05





**NOTE**

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NOTE E Arterial Pavement will be replaced as per COA STD DWG 2465 (Arterial).

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NOTE G Storm Drain inlets will be as per COA STD DWG 2201.

NOTE H All pavement cuts to be made perpendicular to traffic flow. Pavement cuts at a curb radius will be made radial to the curb.

**POTHOLE INFORMATION**

POTHOLE #	APPROXIMATE SIZE/MATERIAL	GROUND ELEVATION	PIPE ELEVATION
13	8" Metal W/L	38.51	34.76

\* PIPE SIZES & TYPES ARE BEST ESTIMATE, TO BE CONFIRMED BY CONTRACTOR.

**AS BUILT INFORMATION**

CONTRACTOR: Condon Construction Co.

WORK STARTED BY: Albuquerque Survey DATE 5-06

FIELD INSPECTION BY: Larkin DATE 5-16-05

DRAWINGS BY: Larkin DATE 5-16-05

CHECKED BY: Larkin DATE 5-16-05

RECORDED BY: DATE

**BENCH MARKS**

ALBUQUERQUE CONTROL SURVEY BM "NM448-C1" LOCATED IN THE CENTER MEDIAN OF WEST CENTRAL AVE. AND WEST OF 59th STREET SW. THE STATION IS A STANDARD NM448 BRASS TABLET STAMPED "NM448-C1" SET IN TOP OF A CONCRETE POST FLUSH WITH GROUND. ELEV=5074.028 (NGVD 29)

**SURVEY INFORMATION**

NO.	DATE	BY	FIELD NOTES
1	11-29-04	Revised this date	REVISIONS
2	11-29-04	REVISIONS	DESIGN
3	11-29-04	REVISIONS	DESIGN
4	11-29-04	REVISIONS	DESIGN

**ENGINEER'S SEAL**

RECORD DRAWINGS WERE PREPARED FROM INFORMATION PROVIDED BY THE CONTRACTOR

05-15-05

**LARKIN GROUP, INC.**  
CONSULTING ENGINEERS AND SURVEYORS  
8500 MENLO BLVD., NE #4-140  
ALBUQUERQUE, NEW MEXICO 87112  
(505) 275-7500 FAX (505) 275-0748

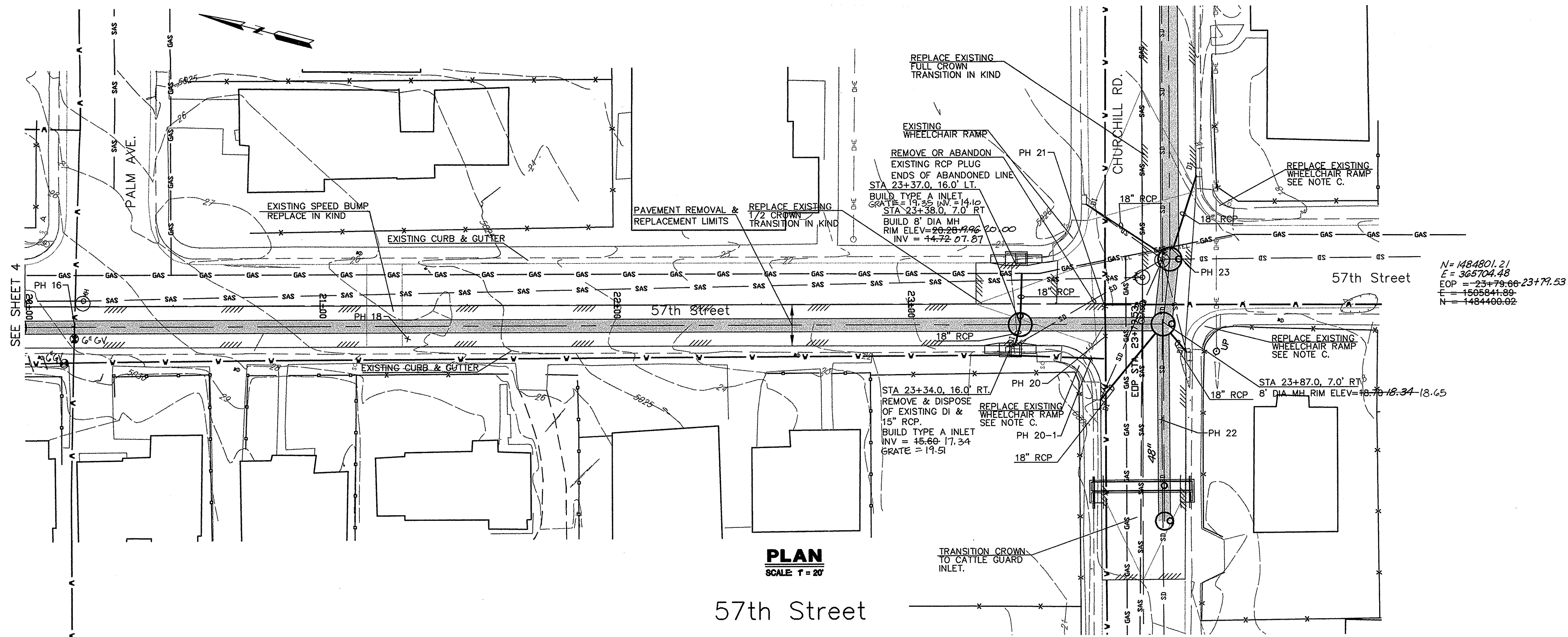
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
CENTRAL CHURCHILL DIVERSION  
57th STREET  
PLAN & PROFILE STA 15+00 TO 20+00

DESIGN REVIEW COMMITTEE  
CITY ENGINEER

Project No. 7219-02 Zone Map No. K-11-Z Sheet 4.1 of 14

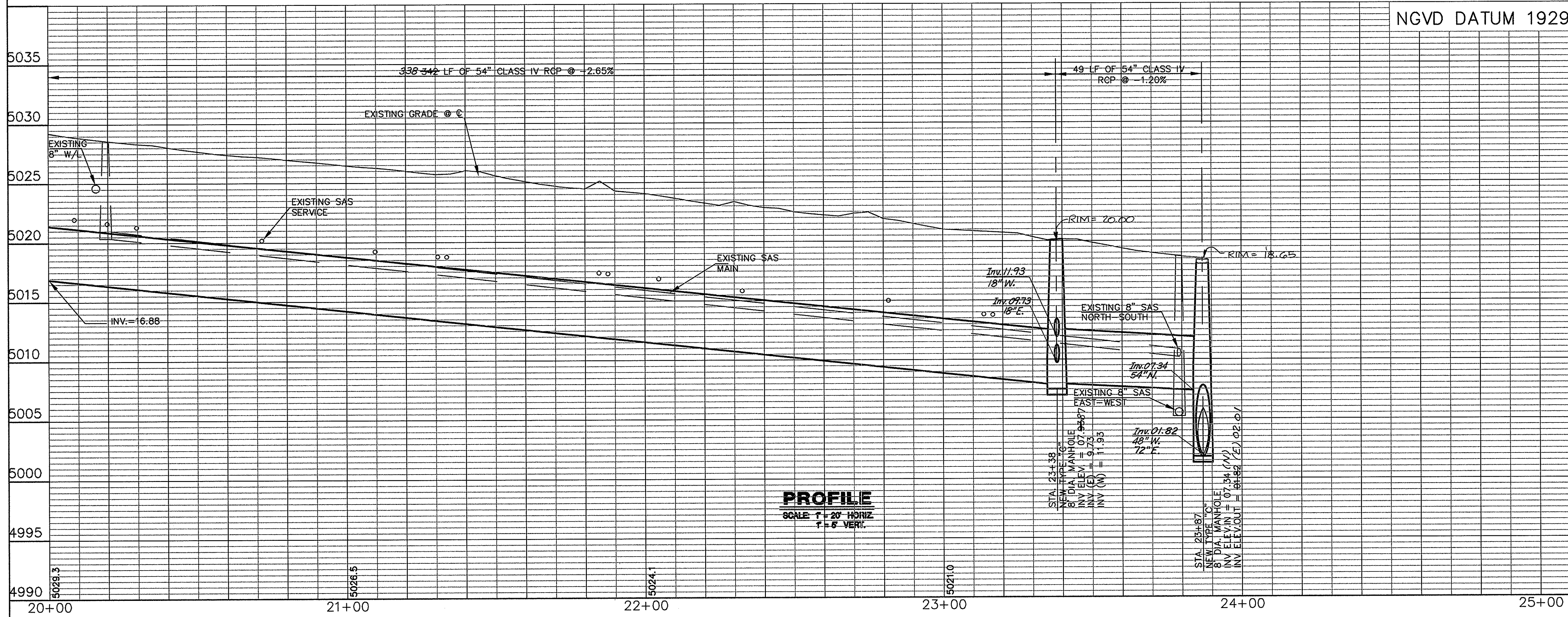


SEE SHEET 6



PLAN  
SCALE 1" = 20'

57th Street



PROFILE  
SCALE 1" = 20' HORIZ  
1" = 6' VERT

NOTE

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POTHOLE INFORMATION

POTHOLE #	APPROXIMATE SIZE/MATERIAL	GROUND ELEVATION	PIPE ELEVATION
16	6" PVC W/L	29.04	25.87
18	NO LOCATE	-	-
20	8" PVC W/L	19.19	14.94
21	8" W/L	19.25	15.0
21-1	6" PVC W/L	19.21	15.04
22	18" AC SD	18.63	10.96
23A	4" PE GAS	18.42	15.09
23B	1/2" CABLE	18.42	14.84

\* PIPE SIZES & TYPES ARE BEST ESTIMATE, TO BE CONFIRMED BY CONTRACTOR.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR: Candore Construction Co.		ALBUQUERQUE CONTROL SURVEY BM "NM448-C1"		FIELD NOTES		ENGINEER'S SEAL	
DRAWN BY: Larklin		LOCATED IN THE CENTER MEDIAN OF WEST CENTRAL AVE. AND WEST OF 59th STREET SW.		NO.		K. LARKLIN	
DATE: 5-15-05		THE STATION IS A STANDARD NMHC BRASS TABLET		BY		REMARKS	
CORRECTED BY: Larklin		STAMPED "NM448-C1" SET IN TOP OF A CONCRETE POST		DATE		REVISIONS	
DATE: 5-15-05		FLUSH WITH GROUND. ELEV=5074.028 (NGVD 29)		NO.		DESIGN	
MICRO-FILM INFORMATION		RECORDED BY:		NO.		DESIGNED BY:	
DATE		RECORDED BY:		NO.		DRAWN BY:	
DATE		RECORDED BY:		NO.		CHECKED BY:	
DATE		RECORDED BY:		NO.		DATE	

RECORD DRAWING  
03-15-05  
Larklin

LARKIN GROUP, INC.  
CONSULTING ENGINEERS AND SURVEYORS  
3500 MENAUL BLVD., NE #1-440  
ALBUQUERQUE, NEW MEXICO 87112  
(505) 275-7900 FAX (505) 275-0748

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: CENTRAL CHURCHILL DIVERSION  
57th STREET  
PLAN & PROFILE STA 20+00 TO 23+87

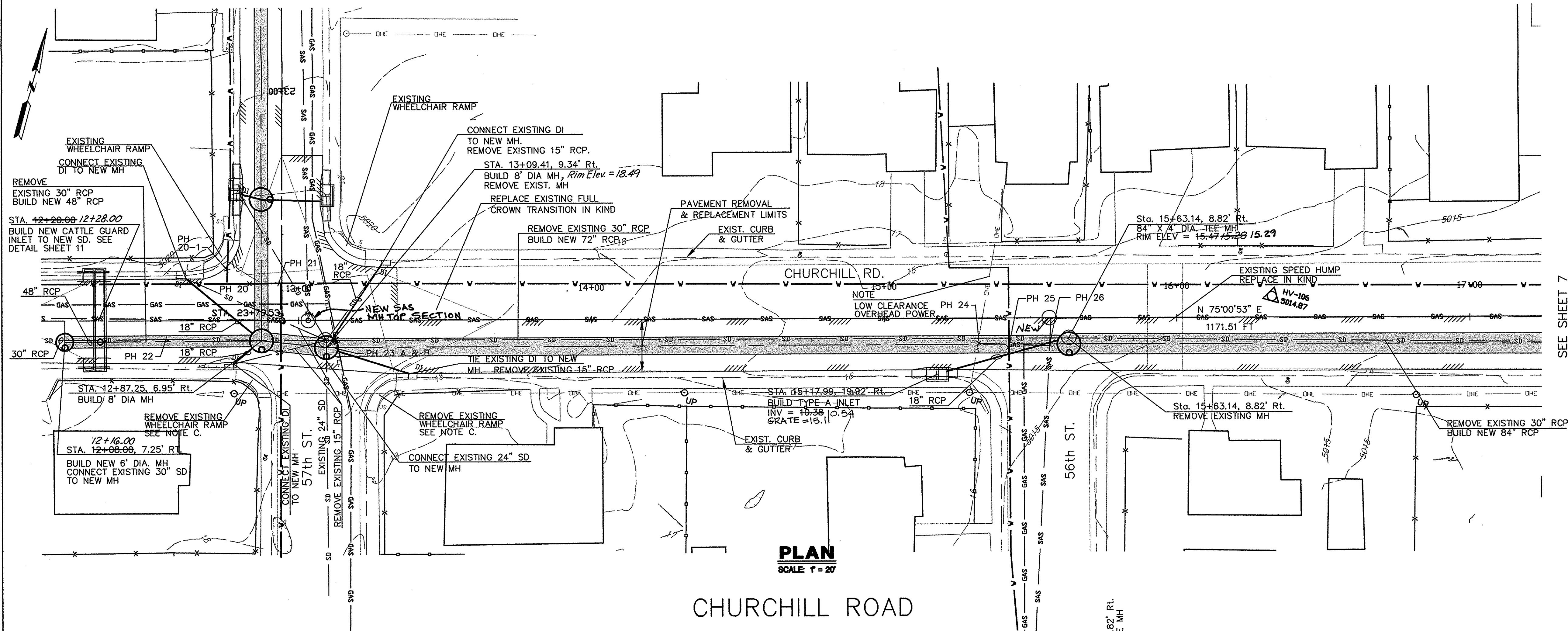
APPROVED  
SEP - 3 2004  
DESIGN REVIEW COMMITTEE

APPROVED  
SEP 3 2004  
CITY ENGINEER

Project No. 7219-02 Zone Map No. K-11-Z Sheet 5.1 of 14

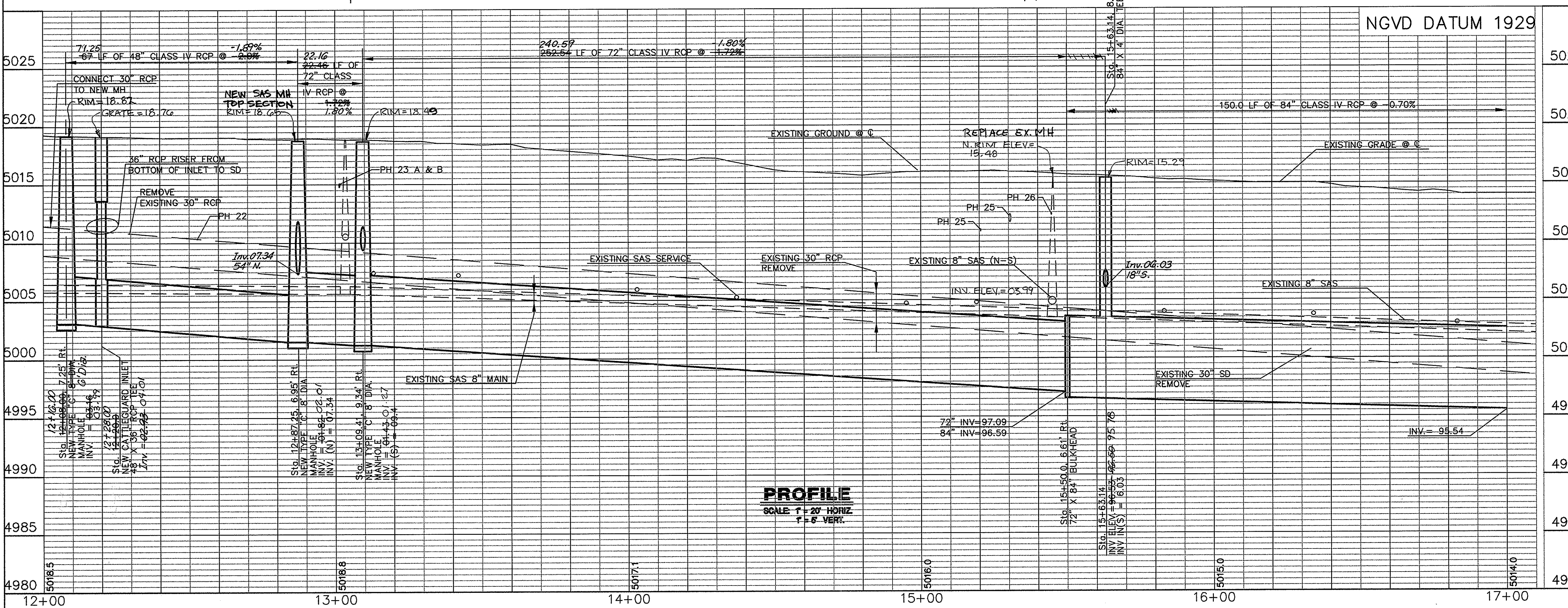


SEE SHEET 5



PLAN  
SCALE 1" = 20'

CHURCHILL ROAD



PROFILE  
SCALE 1" = 20' HORIZ.  
1" = 6' VERT.

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POTHOLE INFORMATION

POTHOLE # (PH)	APPROXIMATE SIZE/MATERIAL	GROUND ELEVATION	PIPE ELEVATION
20A	NO LOCATE	19.19	-
20B	8" PVC W/L	19.21	14.94
21	8" W/L	19.25	15.0
22	30" RCP/SD	18.63	10.96
23A	4" PE GAS	18.42	15.09
23B	1/2" CABLE	18.42	14.84
24	2" GAS	15.78	11.03
25	8" PVC W/L	15.58	12.33
26	2" METAL GAS	15.51	12.43

\* PIPE SIZES & TYPES ARE BEST ESTIMATE, TO BE CONFIRMED BY CONTRACTOR.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR: Candore Construction Co. ISSUED BY: Albuquerque Survey DATE: 5-15-05		ALBUQUERQUE CONTROL SURVEY BM "NM448-C1" LOCATED IN THE CENTER MEDIAN OF WEST CENTRAL AVE. AND WEST OF 58th STREET SW. THE STATION IS A STANDARD NWSHC BRASS TABLET STAMPED "NM448-C1" SET IN TOP OF A CONCRETE POST FLUSH WITH GROUND. ELEV=5074.028 (NGVD 29)		FIELD NOTES NO. BY DATE		REVISIONS NO. DATE BY	
MICRO-FILM INFORMATION RECORDED BY DATE		RECORDED BY DATE		DESIGNED BY: KB DRAWN BY: SV CHECKED BY: JAA		REMARKS 1. 11-29-04 Revised this date 2. 11-29-04 Revised this date	

RECORD DRAWING  
05-15-05  
Juni Parks

**LARKIN GROUP, INC.**  
CONSULTING ENGINEERS AND SURVEYORS  
8500 MENLO BLVD., NE #1-400  
ALBUQUERQUE, NEW MEXICO 87112  
(505) 275-7300 FAX (505) 275-0748

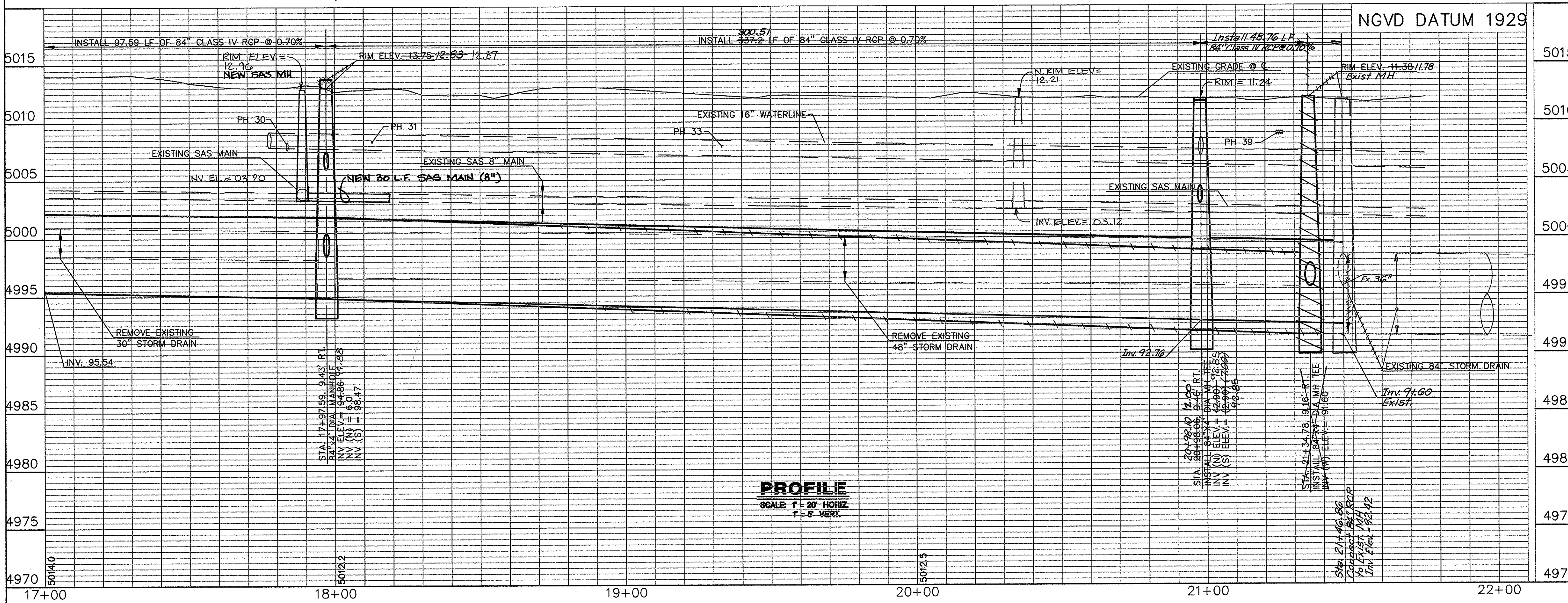
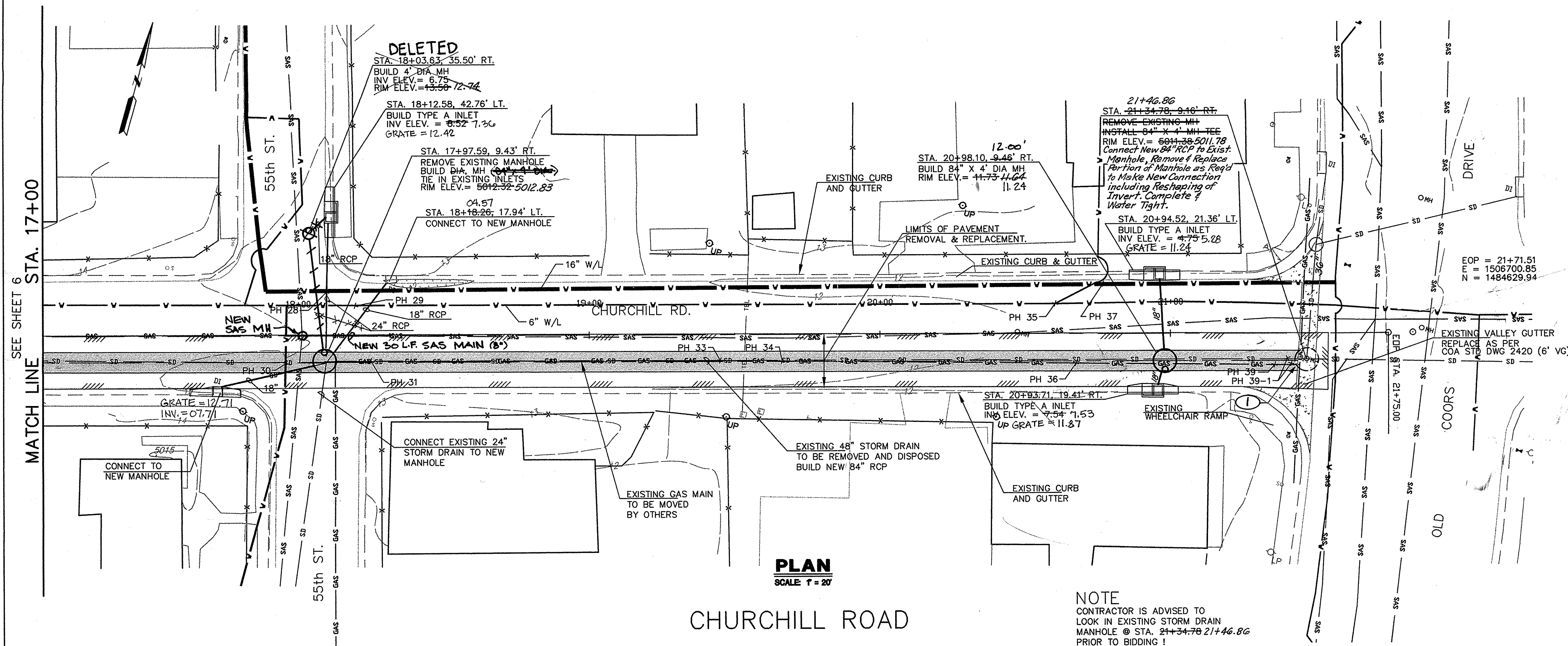
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
**CENTRAL CHURCHILL DIVERSION**  
**CHURCHILL ROAD**  
PLAN & PROFILE STA 12+00 TO 17+00

APPROVED  
SEP - 3 2004  
DESIGN REVIEW COMMITTEE

APPROVED  
SEP 3 2004  
CITY ENGINEER

Project No. 7219-02 Zone Map No. K-11-Z Sheet 6.1 of 14





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**POTHOLE INFORMATION**

POTHOLE #	APPROXIMATE SIZE/MATERIAL	GROUND ELEVATION	PIPE ELEVATION
28	16" Metal W/L	12.53	9.03
29	6" Metal W/L	12.60	9.35
30	8" Metal W/L	12.97	8.30
31	2 1/2" Metal Gas	12.70	8.45
33a	2" Metal Gas	12.21	9.21
33b	2" Comm	12.21	7.96
34	2" Metal Gas	12.25	9.08
35	6" Metal W/L	11.86	9.03
36	2 3/4" Gas	11.83	9.08
37	16" Metal W/L	11.80	7.68
39-A	No Locate	-	-
39B,C,D,E	4" PVC Comm	11.53	9.11

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**KEYED NOTES**

1 Tie New Concrete to Existing by Drilling and Grouting #6 x 24" g. Rebar @ 18" o.c. into Existing Concrete.

RECORD DRAWING  
05-15-05  
*Kevin Bonds*

RECORD DRAWINGS WERE PREPARED FROM INFORMATION PROVIDED BY THE CONTRACTOR

**LARKIN GROUP, INC.**  
CONSULTING ENGINEERS AND SURVEYORS  
3800 MENAUL BLVD., N.E. 4-440  
ALBUQUERQUE, NEW MEXICO 87112  
(505) 275-7300 FAX (505) 275-0748

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
CENTRAL CHURCHILL DIVERSION  
CHURCHILL ROAD  
PLAN & PROFILE STA 17+00 TO 21+34

DESIGNED BY: KB  
DRAWN BY: SV  
CHECKED BY: JAA

Project No. 7219-02  
Zone Map No. K-11-Z  
Sheet 7.1 of 14

**AS BUILT INFORMATION**

CONTRACTOR: *Condon Construction Co.*  
DRAWN BY: *Larkin*  
DATE: 5-15-05

**ENGINEER'S SEAL**

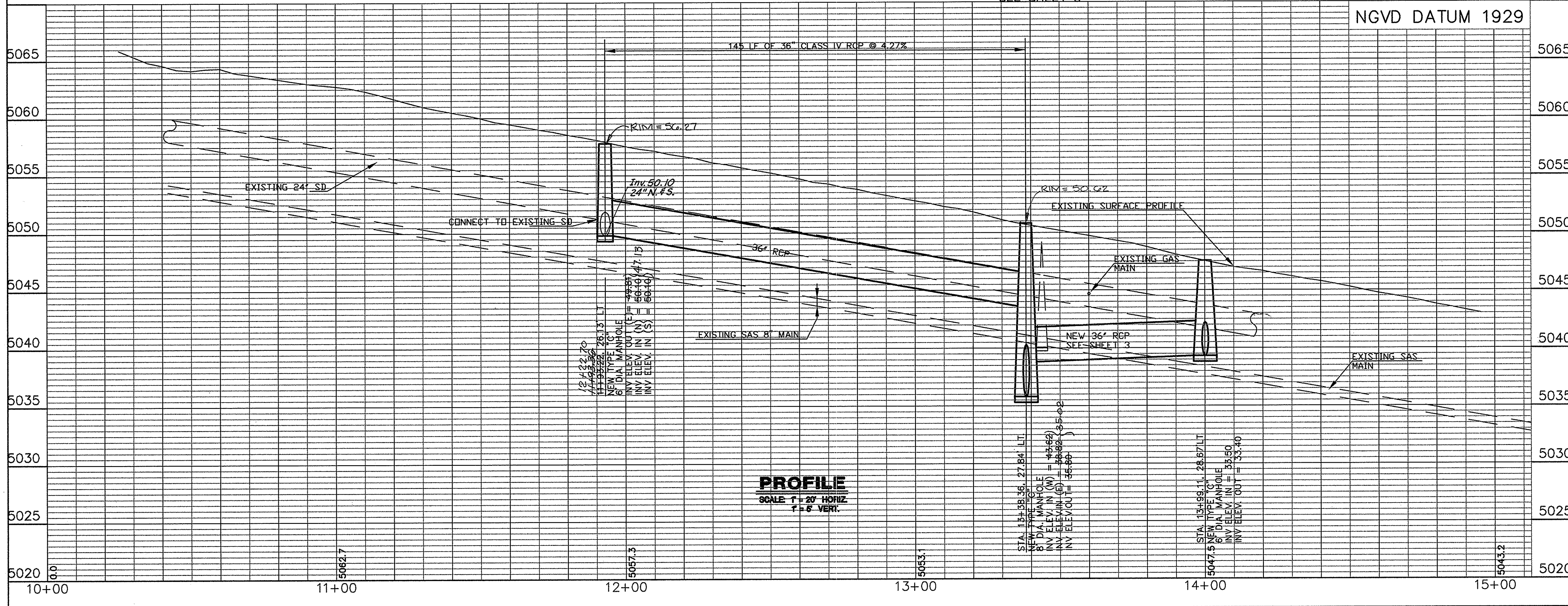
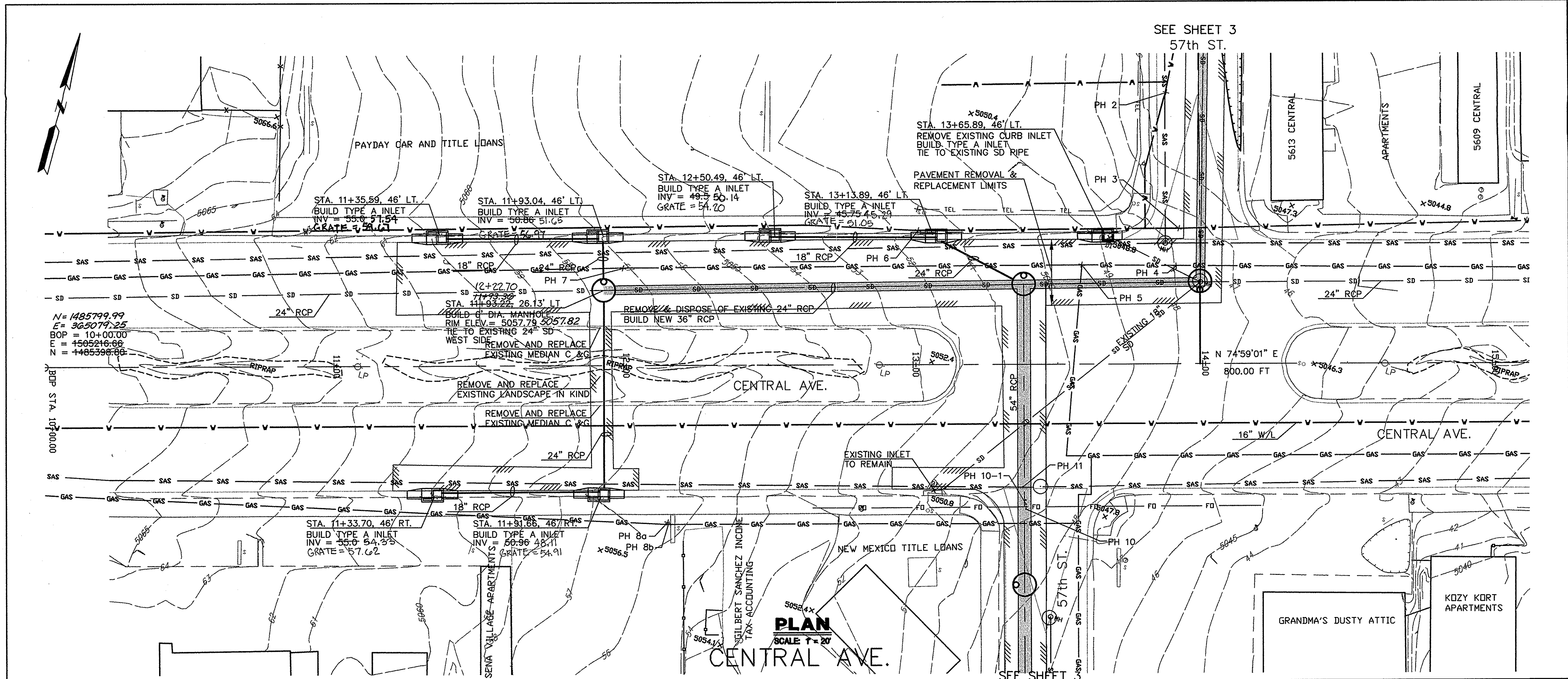
ALBUQUERQUE CONTROL SURVEY BM \* NM448-C1  
LOCATED IN THE CENTER MEDIAN OF WEST CENTRAL AVE. AND WEST OF 58th STREET SW  
THE STATION IS A STANDARD NM448-C1 SET IN TOP OF A CONCRETE POST FLUSH WITH GROUND. ELEV=5074.028 (WSP 29)

**REVISIONS**

NO.	DATE	REMARKS	BY
1	11-29-04	Revised this date	<i>Larkin</i>

DESIGNED BY: KB  
DRAWN BY: SV  
CHECKED BY: JAA





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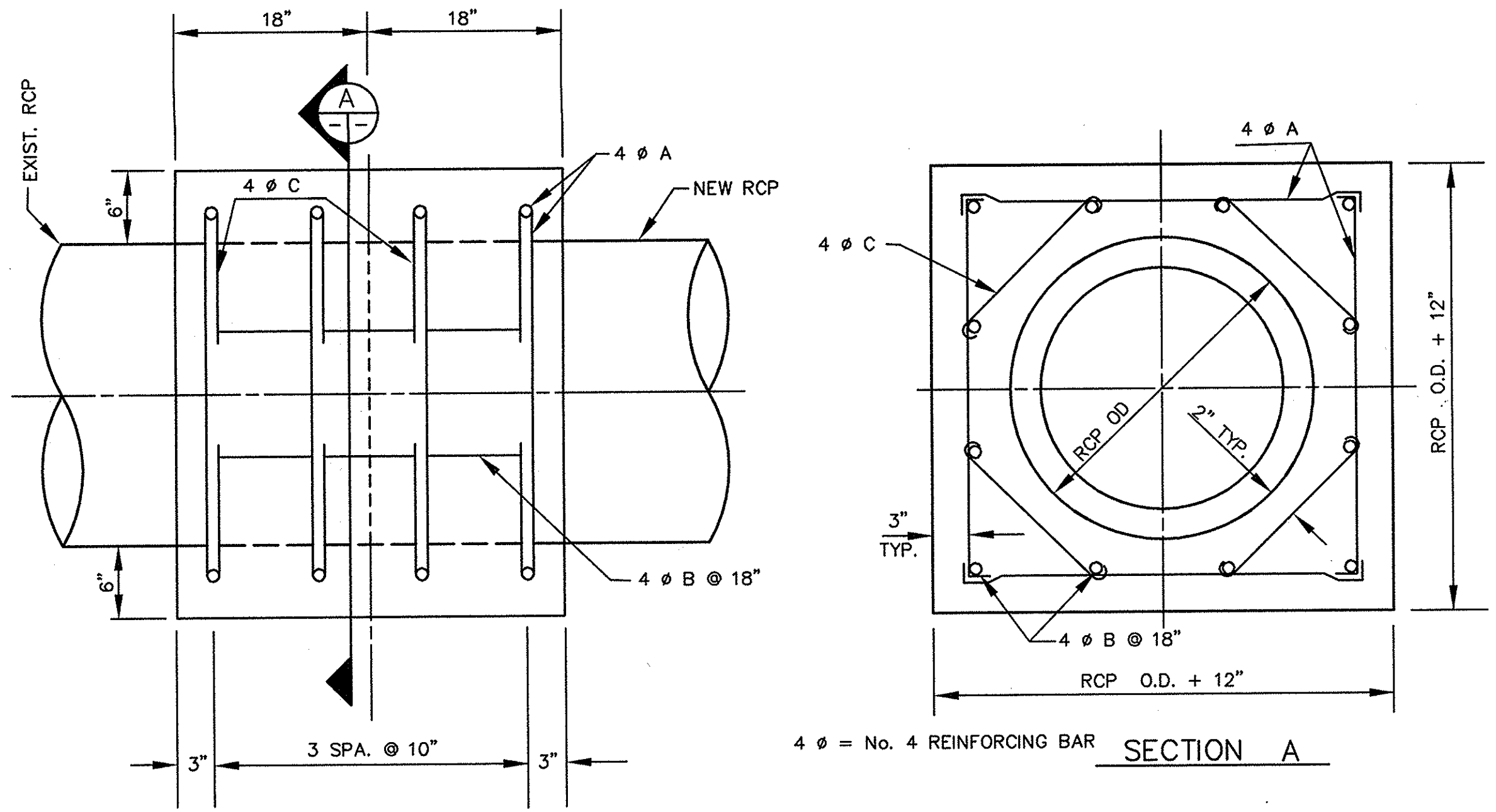
**POTHOLE INFORMATION**

POTHOLE #	APPROXIMATE SIZE/MATERIAL	GROUND ELEVATION	PIPE ELEVATION
3	6" Metal W/L	47.84	44.17
4A	2 1/2" Metal Gas	48.28	44.36
4B	15" RCP SD	48.35	46.10
5	2 1/2" Metal Gas	49.70	44.78
6	6" Metal W/L	52.62	49.20
7	2 1/2" Metal Gas	57.29	53.62
8A	4" PVC Comm	56.32	54.90
8B	6" Metal Gas	56.24	52.49
45	1" Comm Cable	52.03	50.95

\* PIPE SIZES & TYPES ARE BEST ESTIMATE, TO BE CONFIRMED BY CONTRACTOR.

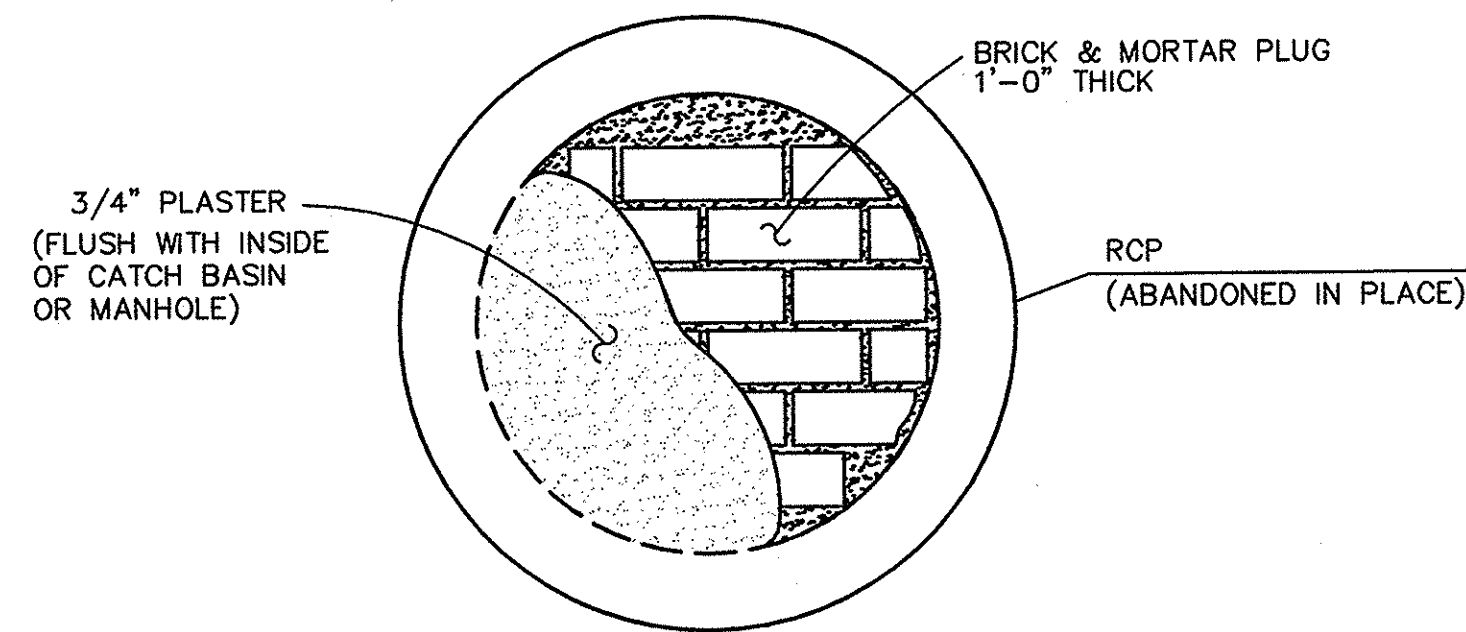
<b>AS BUILT INFORMATION</b>		<b>ENGINEER'S SEAL</b>	
CONTRACTOR: Candace Construction Co.	DATE: 5-15-05		<b>REVISIONS</b>
INSPECTED BY: Larkin	DATE: 5-15-05		
FIELD CHECKED BY: Larkin	DATE: 5-15-05		
CORRECTED BY: Larkin	DATE: 5-15-05		
<b>PROJECT INFORMATION</b>		<b>DESIGN</b>	
PROJECT: CENTRAL CHURCHILL DIVERSION		DESIGNED BY: KB	CHECKED BY: JAA
SHEET: 8.1 OF 14		DRAWN BY: SV	
PROJECT NO.: 7219-02		ZONE MAP NO.: K-11-Z	





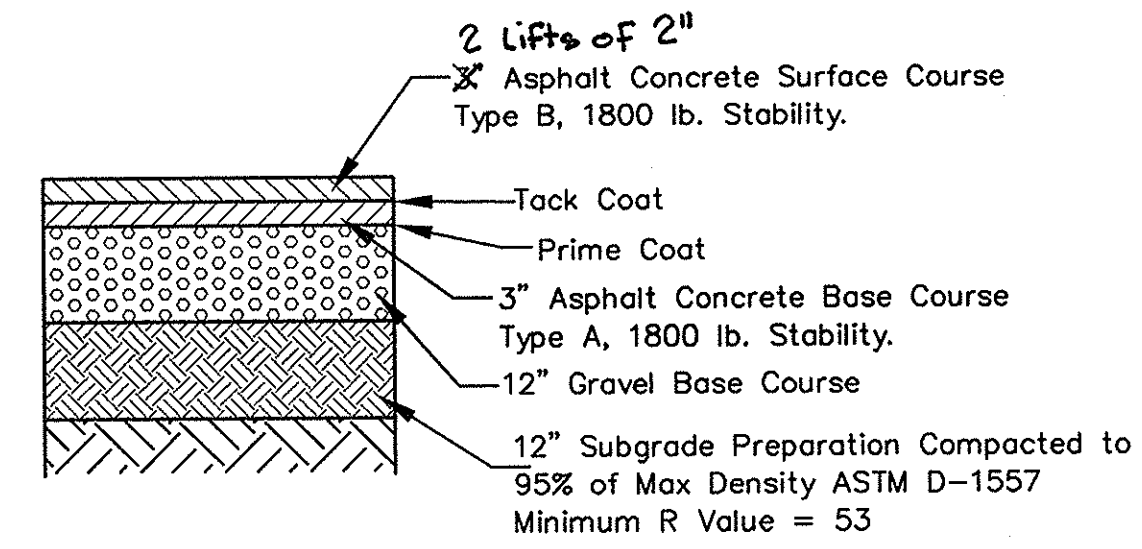
INSIDE DIA.	OUTSIDE DIA.	RCP O.D. + 12"	4 # A (NO. & LENGTH)	4 # B (NO. & LENGTH)	4 # C (NO. & LENGTH)	REIN. BARS	CLASS "A" CONC.
18"	23"	2.9167'	16 @ 2'-6"	8 @ 2'-9"	---	41 LB..	0.69 CU. YD.
24"	30"	3.5000'	16 @ 3'-3"	12 @ 2'-9"	---	57 LB..	0.91 CU. YD.
30"	37"	4.0833'	16 @ 3'-9"	12 @ 2'-9"	---	62 LB..	1.17 CU. YD.
36"	44"	4.6667'	16 @ 4'-3"	12 @ 2'-9"	---	67 LB..	1.44 CU. YD.
48"	58"	5.6333'	16 @ 5'-6"	16 @ 2'-9"	16 @ 2'-9"	118 LB..	2.06 CU. YD.
60"	72"	6.4167'	16 @ 6'-0"	20 @ 2'-9"	16 @ 3'-3"	144 LB..	2.78 CU. YD.

COLLAR DETAILS FOR CONNECTING EXISTING CONC. PIPE CULV. W/ NEW CONC. PIPE CULV.  
NOT TO SCALE

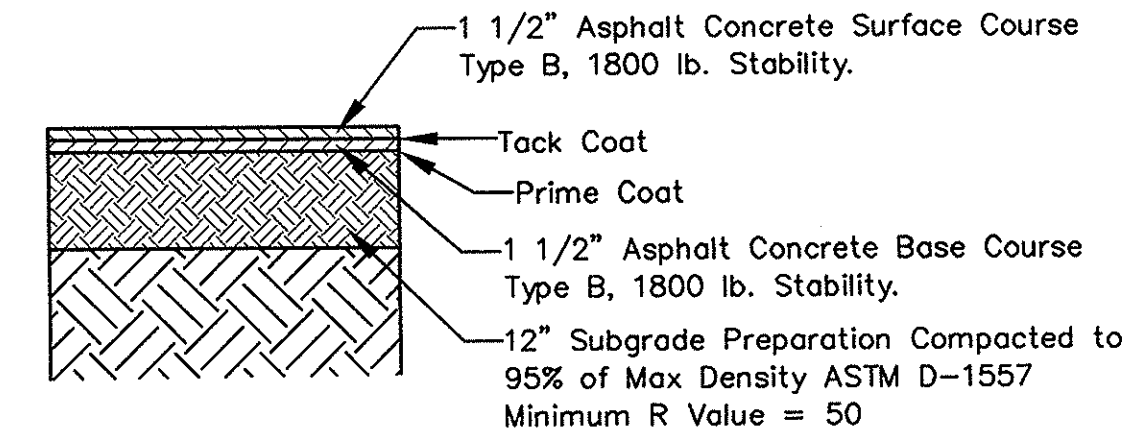


BRICK & MORTAR PIPE PLUG  
VIEW FROM INSIDE CATCH BASIN OR MANHOLE

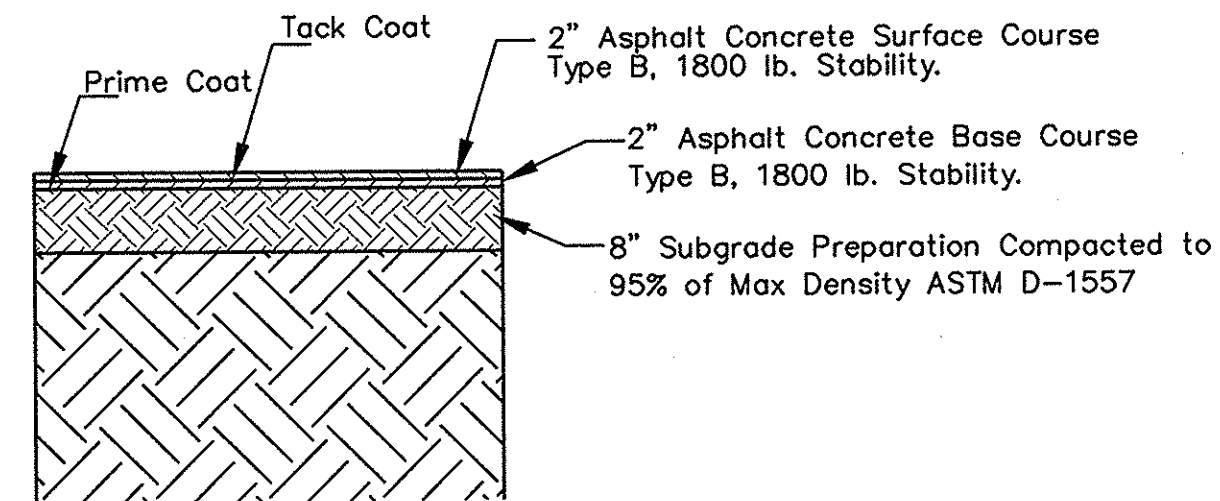
NOT TO SCALE



ARTERIAL PAVEMENT SECTION (7")  
CENTRAL AVENUE SCALE: 1/2"=1'  
REF. C.O.A. PROJECT # 674902  
SEE COA STD. DWG. 2465

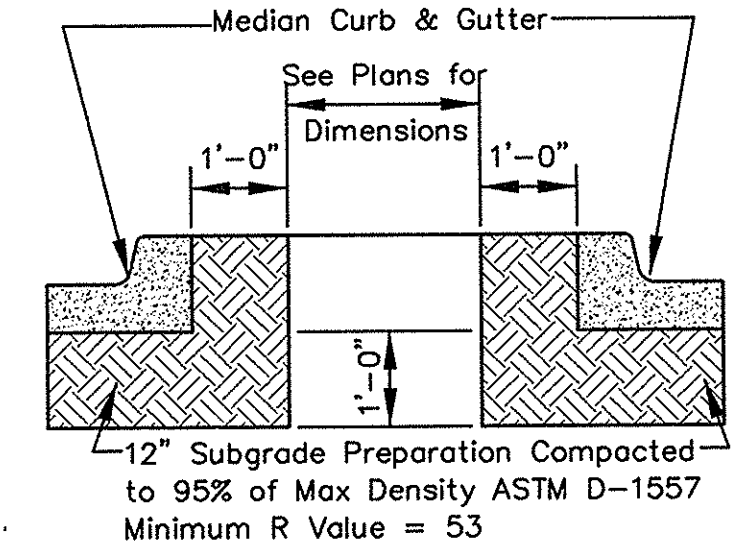


RESIDENTIAL PAVEMENT SECTION (3")  
CENTRAL AVENUE SCALE: 1/2"=1'  
REF. C.O.A. PROJECT # 674902  
SEE COA STD. DWG. 2465



TEMPORARY PAVEMENT SECTION  
CENTRAL (MEDIAN)

SCALE: 1/2"=1'



TYPICAL MEDIAN CURB & GUTTER  
CENTRAL (MEDIAN)

SCALE: 1/2"=1'

RECORD DRAWING  
05-15-05  
J. K. B. SANTO

**LARKIN GROUP, INC.**  
CONSULTING ENGINEERS AND SURVEYORS  
8500 MENAUL BLVD. NE A-440  
(505) 275-7500

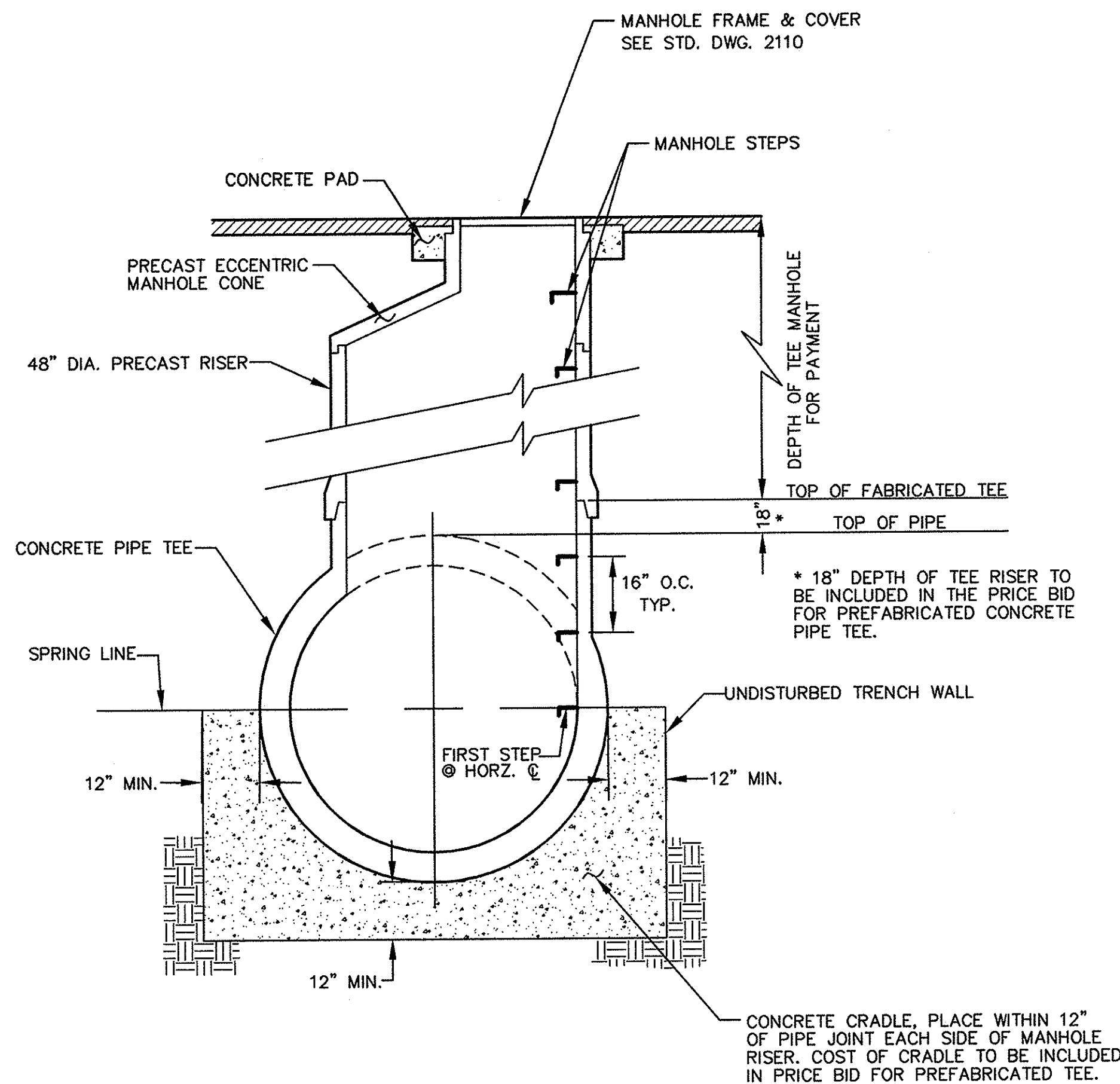
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: CENTRAL CHURCHILL DIVERSION  
CITY OF ALBUQUERQUE  
PAVEMENT SECTIONS & STORM DRAINAGE DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER	Mo./Day/Yr.	Mo./Day/Yr.
SEP - 3 2004	SEP - 3 2004		
City Project No. 7219-02	Zone Map No. K-11-Z	Sheet 9	Of 14

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	CONDORE CONSTRUCTION CO.	ALBUQUERQUE CONTROL SURVEY BM "NM448-C1"	LOCATED IN THE CENTER MEDIAN OF WEST CENTRAL AVE. AND WEST OF 58th STREET SW.	FIELD NOTES	DATE	BY	NO.
WORK STARTED BY	ALBUQUERQUE SURVEY DATE 5-05	THE STATION IS A STANDARD NMHC BRASS TABLET STAMPED "NM448-C1" SET IN TOP OF A CONCRETE POST FLUSH WITH GROUND. ELEV=5074.028 (NGVD 29)		1			1
FIELD ACCEPTANCE BY	Larkin			2			2
DATE	5-15-05			3			3
RECORDED BY	Larkin			4			4
DATE	5-15-05			5			5
RECORDED BY	Larkin			6			6
DATE	5-15-05			7			7

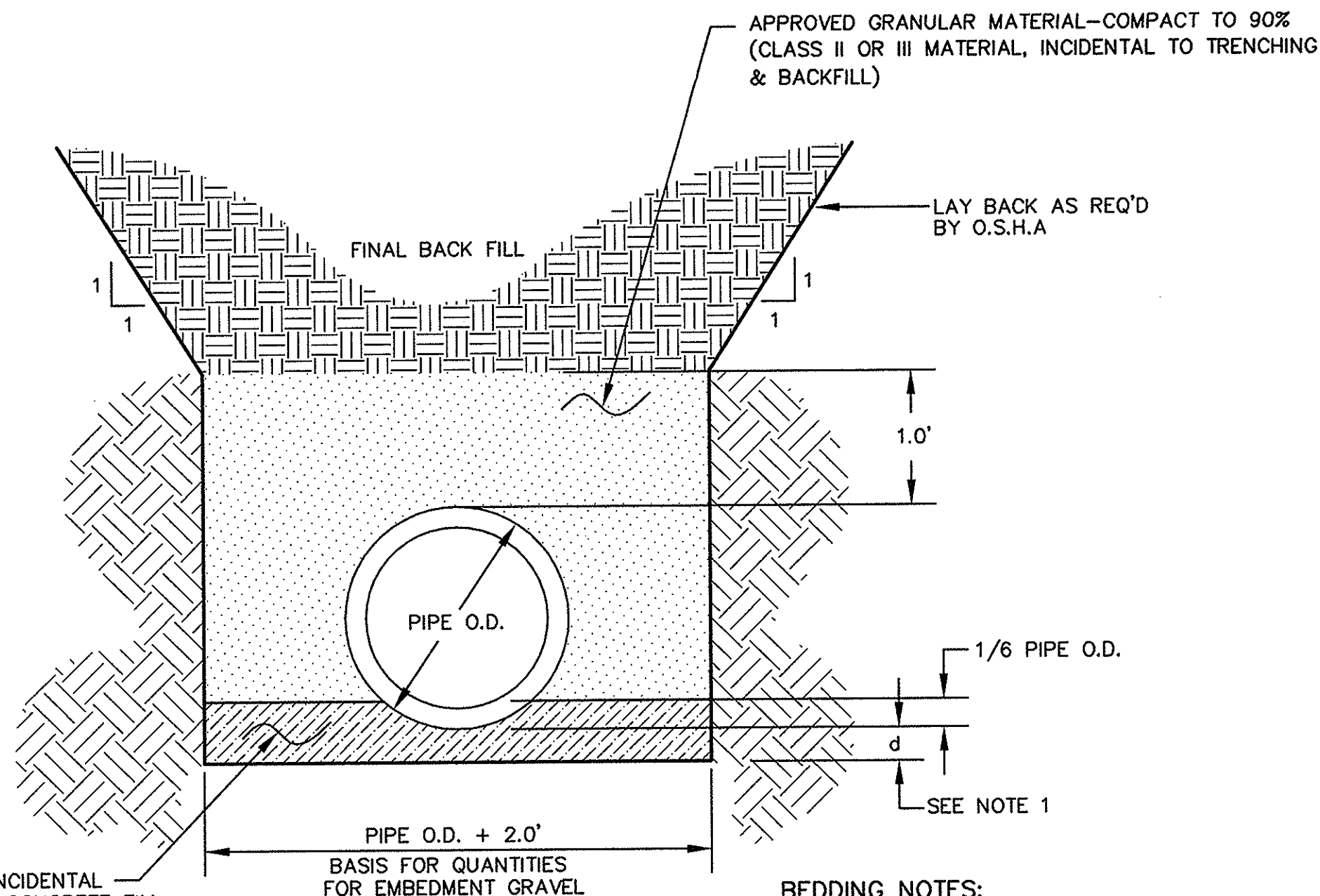




4' DIA. TEE MANHOLE DETAIL  
(TYPICAL)

SCALE: 1/2" = 1'

GRAVEL EMBEDMENT- SEE SPECIFICATION (INCIDENTAL TO PIPE). AT CONTRACTORS OPTION, LEAN CONCRETE FILL MAY BE SUBSTITUTED FOR GRAVEL EMBEDMENT AT NO ADDITIONAL COST TO THE OWNER.

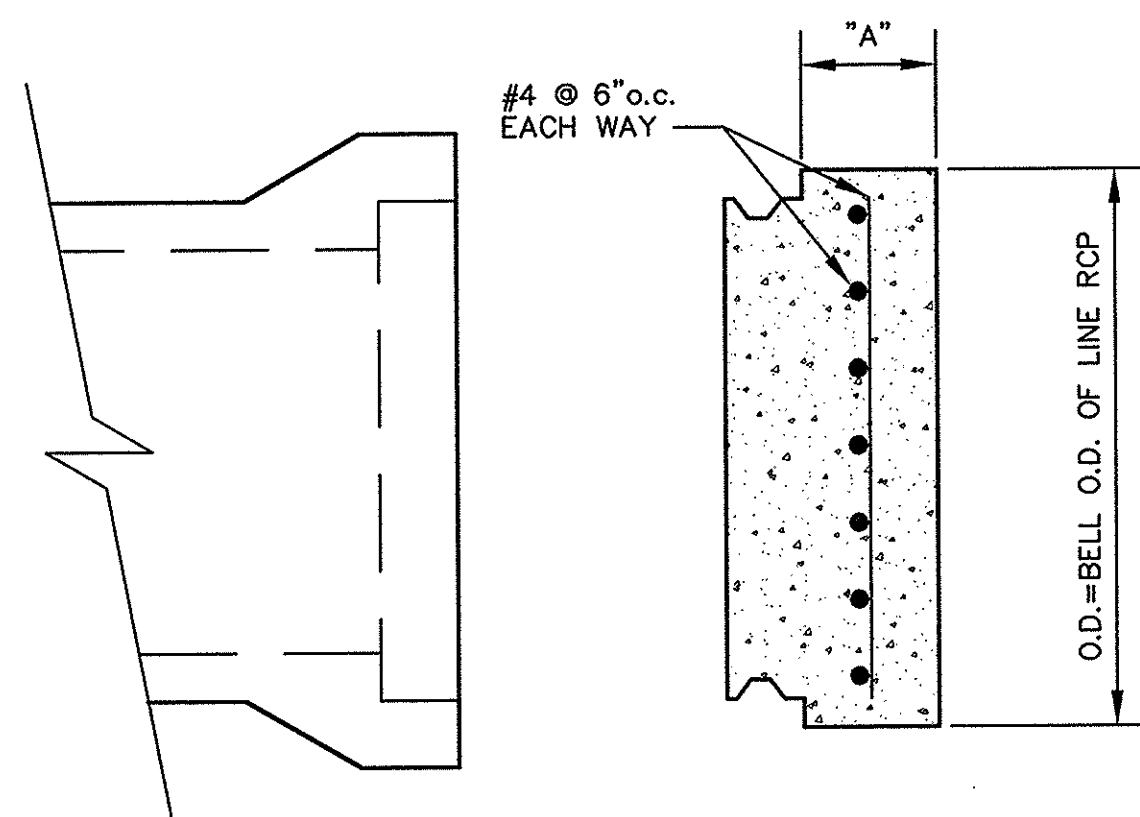


**BEDDING NOTES:**

1. MINIMUM "d" SHALL BE 3" FOR 27" AND SMALLER RCP, 4" FOR 30" TO 60" RCP AND 6" FOR 66" AND LARGER RCP.
2. ALL STORM DRAIN RCP PIPE TO BE CLASS IV INSTALLED WITH CLASS "C" BEDDING.

**CLASS "C" BEDDING**

SCALE: NOT TO SCALE



CONCRETE STORM DRAIN PLUG DETAIL  
NO SCALE

**MANHOLE GENERAL NOTES**

1. All manholes shall be built of precast concrete and be of Eccentric Cone type unless otherwise specified.
2. Manhole frames and lids in streets shall be machined.
3. Top of manhole frame shall be set flush and on same slope as finished surface or as directed by the Engineer.
4. Manholes are located on plan sheets by station & distance to center of manhole barrel. Except T Manholes which will be defined by station and offset to CL of pipe.
5. Reinforcement in all sections shall equal or exceed A.S.T.M. C-478 specifications.
6. Mastic material to be used at all manhole section joints. O-rings may be used for joints below the cone section, but the cone section itself shall not have O-ring joints.
7. Approved gasket or concrete mortar to be used around pipe in knock-outs and penetrations.
8. Clearance Tolerance of Pipe Openings: The Maximum Allowable Pipe Opening on a Horizontal Axis Shall be the Outside Diameter of the Pipe Plus 12". The Maximum Allowable Pipe Opening on a Vertical Axis Shall be the Outside Diameter Plus 8". The Minimum Clearance Between the Outside Surface of an Installed Pipe and the Concrete of the Manhole Shall be 2".
9. Installation of Pipe Openings: All Required Pipe Openings Shall be Plant Cast in Manhole Units. Field Alterations of Openings will be Permitted Provided Walls are Scored With a Masonry Saw to a Depth Sufficient to Sever Reinforcing Steel. A Chipping Hammer May Then be Used to Remove the Concrete. Minimum Distance Between Any Two Adjacent Pipes Shall be 4".
10. No direct payment for shaping floor or connecting pipes as shown on plans, unless otherwise specified.

**NOTE**

Any water service lines that need to be replaced shall be replaced with copper tubing and no splices from meter to main. As per C.O.A. Std Dwg. 2362

Any existing utilities exposed during construction shall be supported and protected during construction. This shall be considered incidental to project construction and no separate payment will be made.

RECORD DRAWINGS WERE PREPARED FROM INFORMATION PROVIDED BY THE CONTRACTOR

**RECORD DRAWING**  
05-15-05  
*Kevin Larkin*

**LARKIN GROUP, INC.**  
CONSULTING ENGINEERS AND SURVEYORS  
8500 MENAUL BLVD., NE A-440  
(505) 275-7500

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

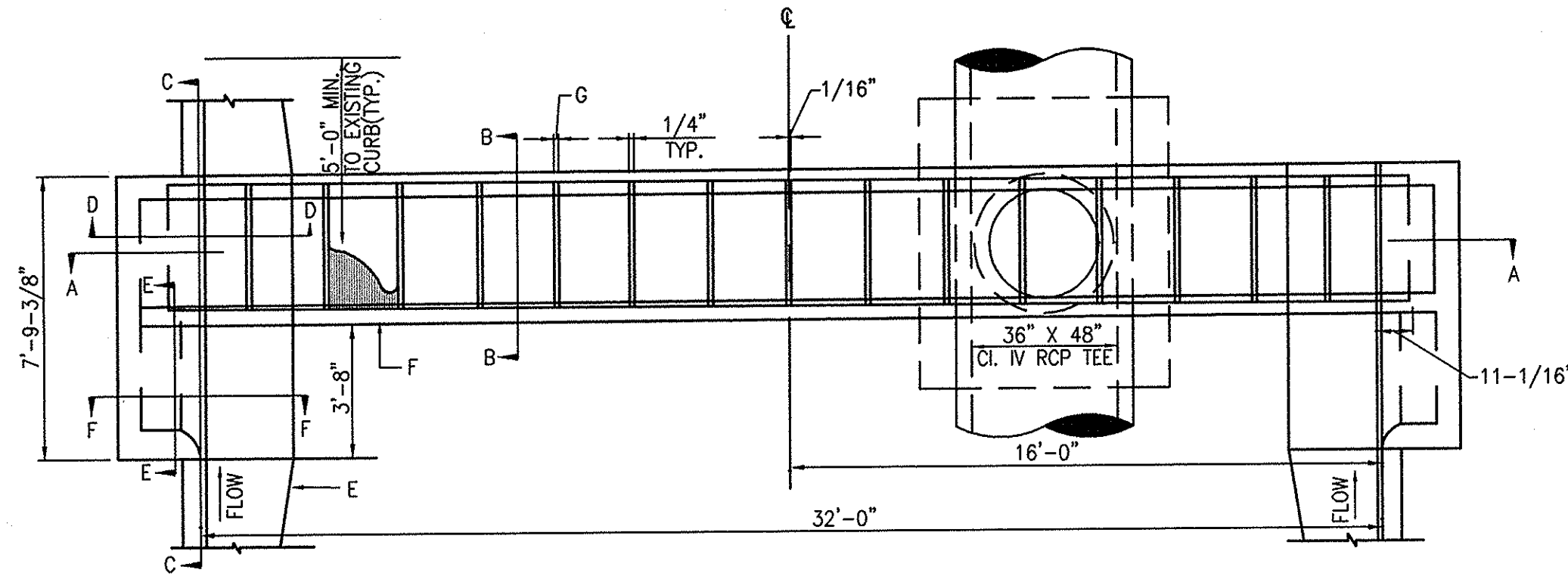
TITLE: **CENTRAL CHURCHILL DIVERSION**  
STORM DRAINAGE DETAILS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED SEP - 3 2004 DESIGN REVIEW COMMITTEE	APPROVED SEP - 3 2004 CITY ENGINEER		

City Project No. **7219-02** Zone Map No. **K-11-Z** Sheet **10** Of **14**

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ALBUQUERQUE CONTROL SURVEY BM	DATE	NO.	DATE		
CONCRETE CONSTRUCTION CO.	5-05	LOCATED IN THE CENTER MEDIAN OF WEST CENTRAL AVE.	5-05	1	1		
STAMPED BY	DATE	AND WEST OF 59th STREET SW	DATE	2	2		
Larkin	5-15-05	THE STATION IS A STANDARD MASHIC BRASS TABLET	5-15-05	3	3		
DATE	DATE	STAMPED "NM4448-C1" SET IN TOP OF A CONCRETE POST	DATE	4	4		
5-15-05	5-15-05	FLUSH WITH GROUND. ELEV=5074.028 (NGVD 29)	5-15-05	5	5		
DATE	DATE		DATE	6	6		
RECORDED BY	DATE		DATE	7	7		
RECORDED BY	DATE		DATE				





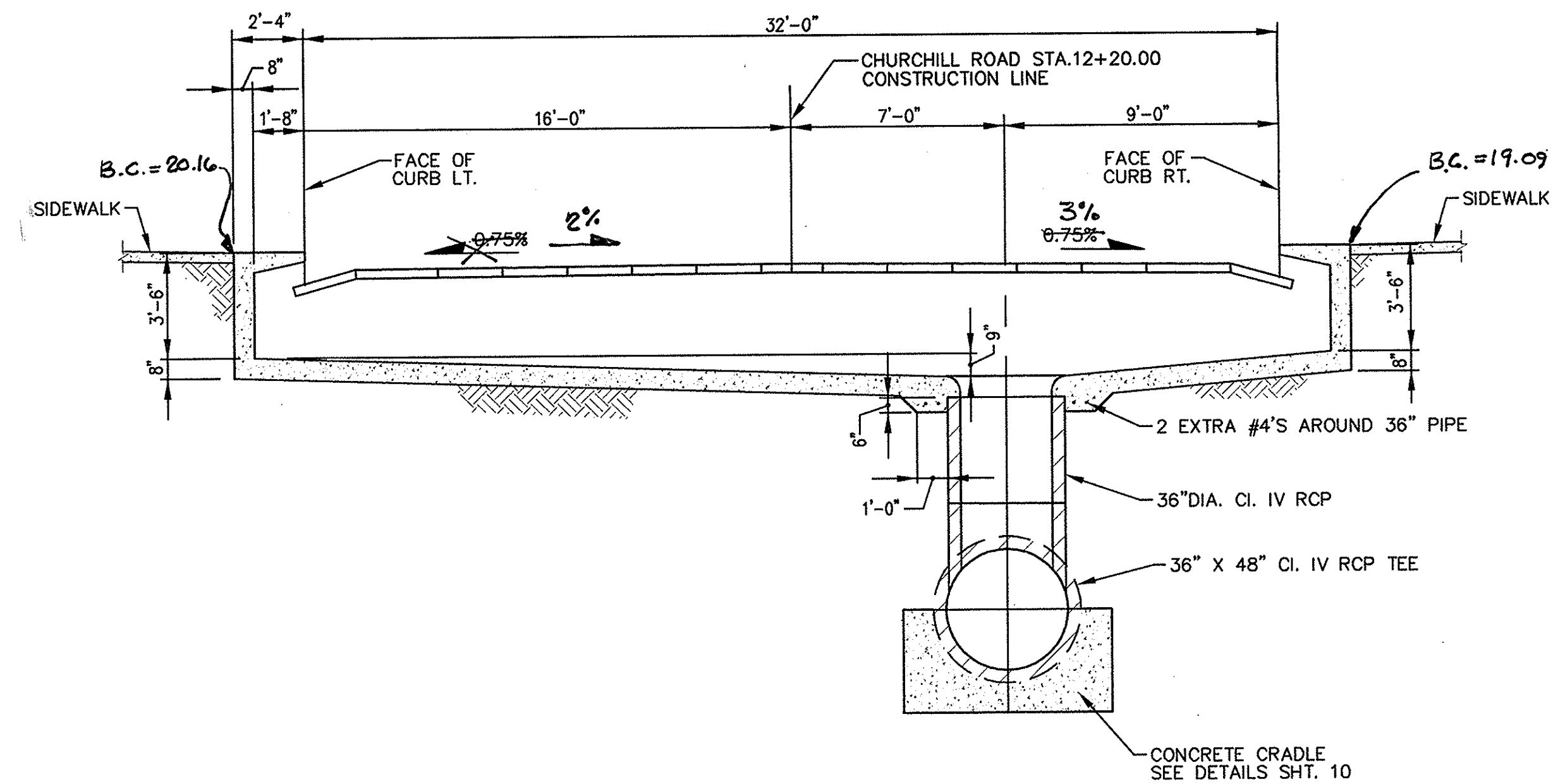
**CATTLE GUARD PLAN DETAIL**  
NO SCALE

**GENERAL NOTES:**

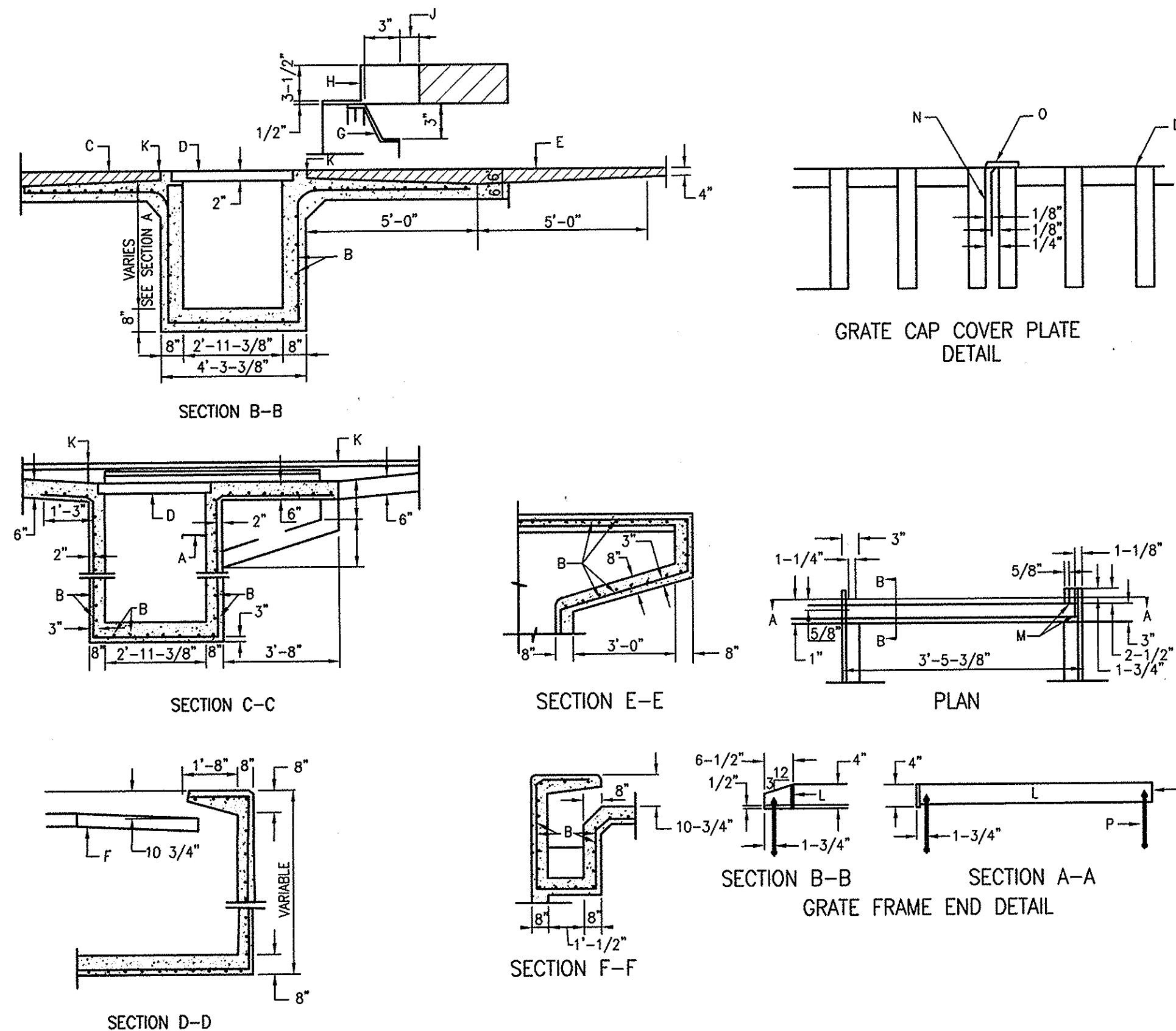
1. ALL EXPOSED METAL PARTS SHALL BE PAINTED PRIOR TO ASSEMBLY. WELDING, MACHINING AND DRILLING SHALL BE DONE PRIOR TO PAINTING. ALL DIMENSIONS ARE FINISH DIMENSIONS.
2. ALL PARTS SHALL BE OF STRUCTURE STEEL, GRADE 36.
3. FOR CLEANING AND PAINTING OF FRAME SEE DWG. 2215, GENERAL NOTE NO. 4.
4. FRAME MAY BE WELDED OR RIVETED.

**CONSTRUCTION NOTES:**

- A. NO. 4 BARS AT 6" O.C. EACH WAY.
- B. TOP OF CURB.
- C. CURB FLOWLINE.
- D. ANGLE ANCHOR DETAIL, SEE DWG. NO. 2205.
- E. SEE CITY OF ALBUQUERQUE STD. DWG. 2207 FOR STORM INLET GUTTER TRANSITION.
- F. GRATE PER CITY OF ALBUQUERQUE STD. DWG. 2220 (TYP.) 16" TOTAL MODIFIED WITH 1" GAP COVER PLATE PER DETAIL THIS SHEET.
- G. 1/4" SPACE BETWEEN GRATES (TYP.).
- H. CONCRETE FILL.



**SECTION A-A**  
**CHURCHILL ROAD CATTLE GUARD INLET SECTION**  
SCALE: 1/4"=1'-0"



**CATTLE GUARD MISCELLANEOUS DETAILS**  
NO SCALE

**GENERAL NOTES:**

1. ALL EXPOSED METAL PARTS SHALL BE PAINTED PRIOR TO ASSEMBLY. WELDING, MACHINING AND DRILLING SHALL BE DONE PRIOR TO PAINTING. ALL DIMENSIONS ARE FINISH DIMENSIONS.
2. ALL PARTS SHALL BE OF STRUCTURE STEEL, GRADE 36.
3. FOR CLEANING AND PAINTING OF FRAME SEE DWG. 2215, GENERAL NOTE NO. 4.
4. FRAME MAY BE WELDED OR RIVETED.

**CONSTRUCTION NOTES:**

- A. FOR STORM INLET DEPTHS GREATER THAN 4', INSTALL STD. STEPS. SEE STD. DETAIL.
- B. NO. 4 BARS AT 6" O.C. EACH WAY.
- C. ROUGH TEXTURE CONCRETE SURFACE (TYP.).
- D. GRATE.
- E. THICKEN ASPHALT PAVEMENT TO 6" AT EDGE OF APRON BOTH SIDES OF INLET (TYP.).
- F. GRATE FRAME.
- G. 1" X 1/8" STEEL STRAP-WELD TO ANGLE 4" O.C.
- H. 4" X 3" X 1/2".
- J. 2" CLEARANCE.
- K. SEE PLAN.
- L. 3-1/2" X 3" X 3/8" X 3'-4-3/8".
- M. 2-3/8" RIVETS AT EACH CORNER, SEE GENERAL NOTE NO. 4.
- N. 1/8" FILLET WELD 2" LONG AT 6" O.C. (TYP.).
- O. 1/2" X 1" X 1/8" STEEL ANGLE FULL LENGTH OF GRATE ONE SIDE ONLY EACH GRATE.
- P. FOUR (4) EACH 1/2" X 8" BOLTS WITH SQUARE HEADS AND NUTS, ONE BOLT AT EACH CORNER FOR ANCHORING THE FRAME INTO THE CONCRETE WALL.

RECORD DRAWING  
05-15-05  
*Kevin K. Rankin*

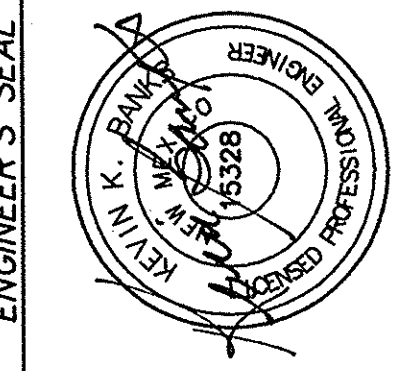
**LARKIN GROUP, INC.**  
CONSULTING ENGINEERS AND SURVEYORS  
8500 MENAUL BLVD. NE A-440  
(505) 275-7500

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: **CENTRAL CHURCHILL DIVERSION**  
**CATTLE GUARD INLET DETAILS**

APPROVED	DESIGN REVIEW COMMITTEE	DATE	REMARKS	BY
SEP - 3 2004				
SEP - 3 2004	CITY ENGINEER			
City Project No.	Zone Map No.	Sheet	Of	
7219-02	K-11-Z	11	14	

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	ALBUQUERQUE CONTROL SURVEY BM	CONTRACTOR	CONTRACTOR	DATE
1		LOCATED IN THE CENTER MEDIAN OF WEST CENTRAL AVE.	CONTRACTOR	CONTRACTOR	DATE
2		AND WEST OF 59th STREET SW.	CONTRACTOR	CONTRACTOR	DATE
3		THE STATION IS A STANDARD NMHC BRASS TABLET	CONTRACTOR	CONTRACTOR	DATE
4		STAMPED "NM448-C1" SET IN TOP OF A CONCRETE POST	CONTRACTOR	CONTRACTOR	DATE
5		FLUSH WITH GROUND. ELEV=5074.028 (NGVD 29)	CONTRACTOR	CONTRACTOR	DATE
6			CONTRACTOR	CONTRACTOR	DATE
7			CONTRACTOR	CONTRACTOR	DATE

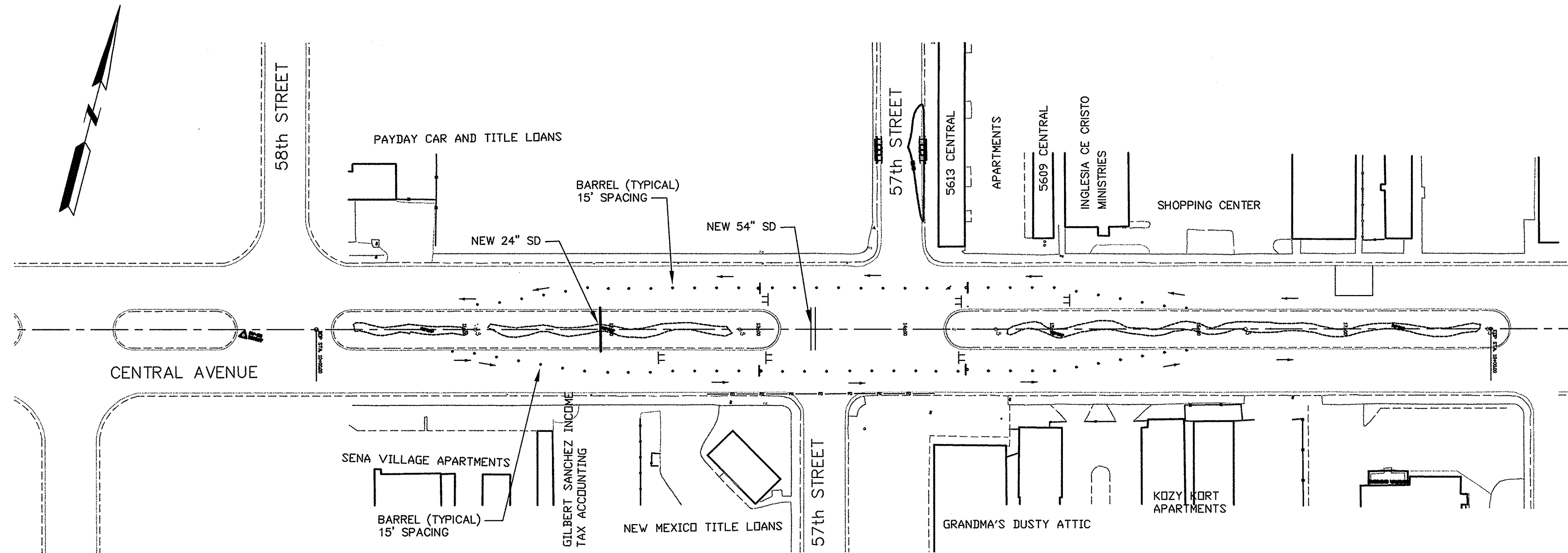








K:\2004-0004-CCA Central-Churchill Diversion\Plans\Sheet 13.dwg, 08/31/2004, 06:45:30 PM, abv



**PLAN**  
SCALE 1" = 60'

**CENTRAL AVENUE**  
TRAFFIC CONTROL PLAN  
PHASE II

**CENTRAL AVENUE - CONSTRUCTION PHASE II**

CONSTRUCT 54" STORM DRAIN BETWEEN EASTBOUND AND WESTBOUND LANES AND 24" STORM DRAIN WITHIN MEDIAN.

R3-2 ("NO LEFT TURN" SIGNS) SHALL BE PLACED FOR EACH DIRECTION OF TRAFFIC ON 57TH STREET AND 58TH STREET.

**PLACEMENT OF ADVANCE SIGNAGE  
AND MESSAGE BOARDS**

FOR CONSTRUCTION PHASES I THROUGH III, PLACE A MESSAGE BOARD INDICATING "CENTRAL AVENUE CONSTRUCTION AHEAD. EXPECT DELAYS" AT THE TWO FOLLOWING LOCATIONS:

1. FOR EASTBOUND CENTRAL AVENUE TRAFFIC: APPROXIMATELY 200' WEST OF COORS BLVD. ON THE CENTRAL AVENUE MEDIAN.
2. FOR WESTBOUND CENTRAL AVENUE TRAFFIC: APPROXIMATELY 200' EAST OF OLD COORS DRIVE ON THE CENTRAL AVENUE MEDIAN.

**NOTES:**

1. FOR ADDITIONAL TRAFFIC CONTROL REQUIREMENTS, FOLLOW DETAIL FOR "RIGHT TURN LANE CLOSURES" FROM COA STANDARD DETAIL 2806.
2. ALL SPECIAL SIGNAGE FOR BUSINESS ACCESS SHALL BE COORDINATED WITH JOE LUEHRING AND THE PROPERTY OWNERS. COORDINATION OF SIGNAGE SHALL BE PAID FOR UNDER THE BID ITEM FOR "SPECIAL ACCESS SIGNAGE".
3. MAXIMIZE ACCESS TO SIDE STREETS ALONG CENTRAL AVENUE. WHEN WORK IS BEING PERFORMED ON SIDE STREET INTERSECTIONS, FOLLOW DETAIL FOR "TYPICAL STREET CLOSURE" ON STANDARD TRAFFIC CONTROL SHEET.
4. CONTRACTOR IS RESPONSIBLE FOR PREPARING A COMPLETE TRAFFIC CONTROL PLAN AND SHALL COORDINATE WITH JOE LUEHRING REGARDING ADDITIONAL TRAFFIC CONTROL REQUIREMENTS OR THE DEVELOPMENT OF ANY ALTERNATE TRAFFIC CONTROL PLAN.
5. CONTRACTOR SHALL NOTIFY CITY TRANSIT DEPARTMENT PRIOR TO COMMENCING WORK.
6. USE 15 MPH SPEED LIMIT FOR TRAFFIC PHASE II.
7. TWO-WAY TRAFFIC, WITH ONE LANE IN EACH DIRECTION, MUST BE MAINTAINED ON CENTRAL AVENUE AT ALL TIMES.

NOTE: THIS TRAFFIC CONTROL PLAN ONLY REPRESENT A SUGGESTED TRAFFIC CONTROL SCHEME, AND ARE INCOMPLETE. CONTRACTOR IS RESPONSIBLE FOR DEVELOPING A COMPLETE TRAFFIC CONTROL PLAN SET.

RECORD DRAWING  
08-15-05  
Kevin Smith

**LARKIN GROUP INC.**  
CONSULTING ENGINEERS AND SURVEYORS  
8500 MENAUL BLVD. NE A-440  
ALBUQUERQUE, NEW MEXICO 87112  
(505) 275-7500 FAX (505) 275-0748

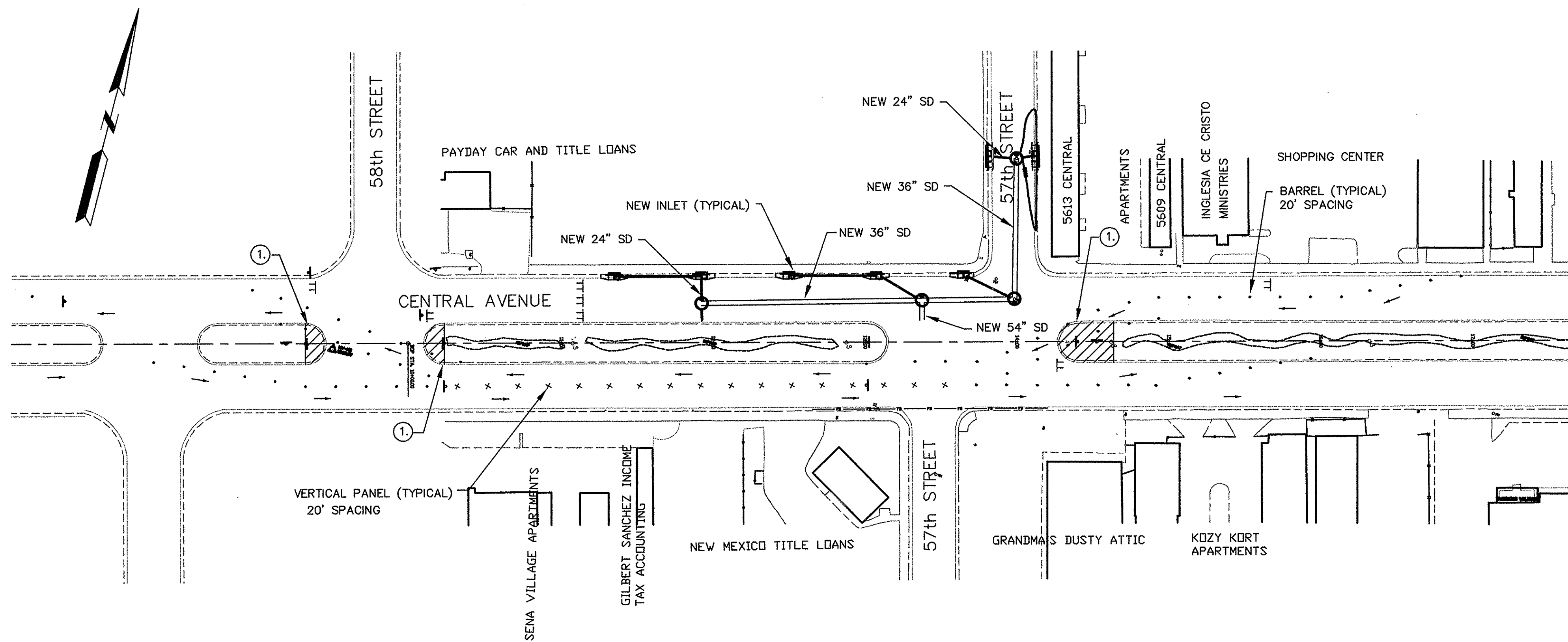
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: **CENTRAL CHURCHILL DIVERSION  
57th STREET**  
TRAFFIC CONTROL PLAN - PHASE II

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED SEP - 3 2004	APPROVED SEP - 3 2004		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
Project No.	Zone Map No.	Sheet	Of
7219-02	K-11-Z	13	14

SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL		REVISIONS		DESIGNED BY:		DRAWN BY:		CHECKED BY:	
NO.	BY	DATE				NO.	DATE	REMARKS	BY				
AS BUILT INFORMATION		BENCH MARKS		MICRO-FILM INFORMATION									
Contractor: Condore Construction Co.		ALBUQUERQUE CONTROL SURVEY BM "NM448-C1" LOCATED IN THE CENTER MEDIAN OF WEST CENTRAL AVE. AND WEST OF 58th STREET SW.		THE STATION IS A STANDARD NMHC BRASS TABLET, STAMPED "NM448-C1" SET IN TO P OF A CONCRETE POST FLUSH WITH GROUND. ELEV=5074.028									
Surveyed by: Larkin		Surveyed by: Larkin		Surveyed by: Larkin									
Date: 5-15-05		Date: 5-15-05		Date: 5-15-05									
Recorded by: Larkin		Recorded by: Larkin		Recorded by: Larkin									
Date: 5-15-05		Date: 5-15-05		Date: 5-15-05									





**PLAN**  
SCALE: 1" = 60'

**CENTRAL AVENUE**  
TRAFFIC CONTROL PLAN  
PHASE III

**CENTRAL AVENUE - CONSTRUCTION PHASE III**

CONSTRUCT STORM DRAIN WITHIN WESTBOUND LANES OF CENTRAL AVENUE, AND CONSTRUCT STORM DRAIN AND INLETS ON 57TH STREET NORTH OF CENTRAL AVENUE. CONSTRUCT STORM DRAIN INLETS AND 24" STORM DRAIN SIMULTANEOUSLY WITH 54" STORM DRAIN.

R3-2 ("NO LEFT TURN" SIGNS) SHALL BE PLACED FOR EACH DIRECTION OF TRAFFIC ON 57TH STREET AND 58TH STREET.

**OLD COORS ROAD - PHASE IV**

TIE INTO EXISTING MANHOLE ON OLD COORS DRIVE AND CHURCHILL ROAD WITH 84" STORM DRAIN. CONSTRUCTION ON THIS PHASE SHALL OCCUR BETWEEN 7:00 A.M. IN THE MORNING UNTIL 10 P.M. AT NIGHTTIME.

FOR OLD COORS DRIVE WHICH IS A 5-LANE ROAD, CLOSE THE TWO SOUTHBOUND LANES, AND ROUTE SOUTHBOUND TRAFFIC INTO CENTER LEFT-TURN LANE. FOLLOW DETAIL FOR A "TYPICAL DOUBLE RIGHT LANE CLOSURE" FROM COA STANDARD DETAIL 2806.

**CHURCHILL ROAD AND 57TH STREET - PHASES V, AND VI**

CONSTRUCT STORM DRAIN WITHIN CHURCHILL ROAD AND 57TH STREET. LIMIT WORK ZONES A MAXIMUM OF 700 FEET AT A TIME. CONSTRUCTION SHALL BE LIMITED BETWEEN THE HOURS OF 7:00 A.M. IN THE MORNING UNTIL 7:00 P.M. AT NIGHTTIME. USE DETAIL FOR "TYPICAL MID-BLOCK CLOSURE" PER COA STANDARD DRAWING 2805.

**PLACEMENT OF ADVANCE SIGNAGE AND MESSAGE BOARDS**

FOR CONSTRUCTION PHASES I THROUGH III, PLACE A MESSAGE BOARD INDICATING "CENTRAL AVENUE CONSTRUCTION AHEAD. EXPECT DELAYS" AT THE TWO FOLLOWING LOCATIONS:

1. FOR EASTBOUND CENTRAL AVENUE TRAFFIC: APPROXIMATELY 200' WEST OF COORS BLVD. ON THE CENTRAL AVENUE MEDIAN.
2. FOR WESTBOUND CENTRAL AVENUE TRAFFIC: APPROXIMATELY 200' EAST OF OLD COORS DRIVE ON THE CENTRAL AVENUE MEDIAN.

**NOTES:**

1. FOR ADDITIONAL TRAFFIC CONTROL REQUIREMENTS, FOLLOW DETAIL FOR "TYPICAL TRAFFIC SPLIT FOR RAISED MEDIAN" FROM COA STANDARD DETAIL 3807.
2. ALL SPECIAL SIGNAGE FOR BUSINESS ACCESS SHALL BE COORDINATED WITH JOE LUEHRING AND THE PROPERTY OWNERS. COORDINATION OF SIGNAGE SHALL BE PAID FOR UNDER THE BID ITEM FOR "SPECIAL ACCESS SIGNAGE".
3. MAXIMIZE ACCESS TO SIDE STREETS ALONG CENTRAL AVENUE. WHEN WORK IS BEING PERFORMED ON SIDE STREET INTERSECTIONS, FOLLOW DETAIL FOR "TYPICAL STREET CLOSURE" ON STANDARD TRAFFIC CONTROL SHEET.
4. CONTRACTOR IS RESPONSIBLE FOR PREPARING A COMPLETE TRAFFIC CONTROL PLAN AND SHALL COORDINATE WITH JOE LUEHRING REGARDING ADDITIONAL TRAFFIC CONTROL REQUIREMENTS OR THE DEVELOPMENT OF ANY ALTERNATE TRAFFIC CONTROL PLAN.
5. CONTRACTOR SHALL NOTIFY CITY TRANSIT DEPARTMENT PRIOR TO COMMENCING WORK.
6. USE 20 MPH SPEED LIMIT FOR CONSTRUCTION PHASE III.
7. TWO-WAY TRAFFIC, WITH ONE LANE IN EACH DIRECTION, MUST BE MAINTAINED ON CENTRAL AVENUE AT ALL TIMES.

**KEYED NOTE:**

- ① TEMPORARY PAVEMENT AND REMOVED CURB AND GUTTER. (SEE SHEET 12.)

NOTE: THIS TRAFFIC CONTROL PLAN ONLY REPRESENTS A SUGGESTED TRAFFIC CONTROL SCHEME, AND ARE INCOMPLETE. CONTRACTOR IS RESPONSIBLE FOR DEVELOPING A COMPLETE TRAFFIC CONTROL PLAN SET.

RECORD DRAWING  
05-15-05  
*James Bonds*

**LARKIN GROUP, INC.**  
CONSULTING ENGINEERS AND SURVEYORS  
8500 MENAUL BLVD. NE A-440  
ALBUQUERQUE, NEW MEXICO 87112  
(505) 275-7500 FAX (505) 275-6748

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: **CENTRAL CHURCHILL DIVERSION**  
**CENTRAL AVENUE**  
TRAFFIC CONTROL PLAN - PHASES III THRU VI

		Mo./Day/Yr.	Mo./Day/Yr.
		DESIGN REVIEW COMMITTEE	CITY ENGINEER
Project No.	Zone Map No.	Sheet	Of
7219-02	K-11-Z	14	14

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	Condore Construction Co.	WORK BY	Albuquerque Survey	DATE	5-05	ALBUQUERQUE CONTROL SURVEY BM "NM448-C1"	DATE	5-05	NO.	BY	DATE				
ACCEPTANCE BY	Larkin	DATE	5-15-05	LOCATED IN THE CENTER MEDIAN OF WEST CENTRAL AVE.											
VERIFICATION BY	Larkin	DATE	5-15-05	AND WEST OF 58th STREET SW.											
DATE	5-15-05	THE STATION IS A STANDARD NMISH BRASS TABLET, STAMPED													
MICRO-FILM INFORMATION				"NM448-C1" SET IN TO P OF A CONCRETE POST FLUSH WITH											
RECORDED BY		DATE		GROUND. ELEV=5074.028											
RECORDED BY		DATE													
RECORDED BY		DATE													