CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT

PROJECT AREA



PLANS FOR CONSTRUCTION

BARELAS STORM DRAIN

MAY 18, 2011

CITY OF ALBUQUERQUE PROJECT NO. 648291

| APPROVAL FOR RECORD DRAW | NGS |
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| ABCWUA ENGINEER | DATE |



VICINITY MAP

ZONE ATLAS MAP



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GENERAL NOTES:

- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR WILL SUBMIT A DETAILED CONSTRUCTION SCHEDULE 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 SPECIFICATIONS.
- THE CONTRACTOR WILL NOTIFY THE FIELD ENGINEER NOT LESS THAN SEVEN (7)
 DAYS PRIOR TO STARTING WORK, IN ORDER THAT THE COA SURVEYOR MAY TAKE
 NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. THE
 CONTRACTOR WILL NOTIFY THE COA SURVEYOR IF A MONUMENT IS DISTURBED.
 REPLACEMENT WILL BE DONE ONLY BY THE CITY OF ALBUQUERQUE SURVEYOR.
 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, HAVE THE COA SURVEYOR SECTION ADJUST THE MONUMENT COVER TO THE NEW
 GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4 OF SPECIFICATIONS.
- THE SPECIFICATIONS USED FOR THIS PROJECT ARE THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE NO. 7 INCLUDING ALL SUBSEQUENT UPDATES. INCLUDING AMENDMENT NO. 1.
- 4 ALL NEW MANHOLES SHALL BE TYPE "C" PER CITY OF ALBUQUERQUE STANDARD DRAWINGS 2101 UNLESS OTHERWISE NOTED ON THE PLANS. ALL MANHOLES SHALL INCLUDE PLACEMENT OF EMD'S.
- 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.
- ALL EXISTING WATER VALVE BOXES AND MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH. ADJUSTMENT WORK SHALL INCLUDE EMD, NEW CONCRETE COLLAR, NEW RING AND COVER.
- 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.
- ALL EXCAVATION WILL BE GOVERNED BY FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 9 ALL SIGNS AND CODING WILL BE IN ACCORDANCE WITH THE "MANUAL ON 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 OR OVERHEAD UTILITIES. IT WILL BE HIS 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 REQUIREMENTS.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING PAVEMENT, 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. CONTRACTOR WILL COORDINATE THROUGH CITY UTILITY COORDINATOR.
- WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST SUITABLE JOINT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE CONTRACTOR WILL NOTIFY THE UTILITY COMPANIES BY CALLING NEW MEXICO ONE CALL SYSTEM 260-1990 TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK IN NEW AREAS.
- 15 CONTRACTOR WILL PLACE NEW BITUMINOUS MATERIAL WITH THE USE OF A LAYDOWN MACHINE WHERE NEW PAVEMENT PLACEMENT IS 8 FEET IN WIDTH OR WIDER.
- 16 CONTRACTOR WILL NOT PAVE OVER ANY SURFACE FEATURE, I.E., GAS VALVE, MANHOLE COVER. ETC.
- 17 CONTRACTOR WILL CONFINE HIS WORK WITHIN THE CONSTRUCTION EASEMENT LIMITS AND/OR RIGHT-OF-WAY, OR PROVIDE COPIES OF AGREEMENTS WITH ADJACENT LANDOWNERS TO THE CITY OF ALBUQUERQUE.
- MINIMUM BOTTOM WIDTH OF TRENCHES FOR RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 24 INCHES. BEDDING MATERIAL SHALL BE CLASS II, III, OR IV UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.
- MINIMUM BOTTOM WIDTH OF TRENCHES FOR NON-RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 18 INCHES. BEDDING MATERIAL SHALL BE CLASS I, II, OR III.
- 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.
- THE CONTRACTOR SHALL CONSTRUCT CITY OF ALBUQUERQUE STANDARD WHEELCHAIR RAMPS THAT CONFORM TO CURRENT ADA REQUIREMENTS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL CONFLICTING UTILITIES. SHOULD A CONFLICT EXIST BETWEEN THE FIELD INFORMATION AND THE PLANS, THE CONTRACTOR WILL NOTIFY THE 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.
- TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE CONSTRUCTION ENGINEER.
- 25 BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS, ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS.
- ALL 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 (PREFORM THERMO) PLASTIC IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 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 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. A CONTRACT EXTENSION MAY BE ALLOWED AS DELINEATED IN CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.
- 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 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. 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 OF THE SPECIFICATIONS.
- THE CONTRACTOR SHALL SUPPORT EXPOSED UTILITIES SUSPENDED ACROSS AND/OR PARALLEL TO THE TRENCH EXCAVATION(S). STRUCTURAL SUPPORTING ELEMENTS SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, SUPPORTS ON EACH END OF THE EXCAVATION WITH ANY AND ALL EXPOSED PIPE JOINTS, TEES, AND FITTINGS ALSO SUPPORTED ON BOTH SIDES OF THE UNION. MAXIMUM VERTICAL SAG SHALL NOT EXCEED ONE (1) INCH PER 100 FEET OF EXPOSED PIPE AS DETERMINED BY STRING—LINE MEASUREMENTS FROM EACH END OF THE EXPOSED PIPE.
- THE WATER AUTHORITY MAKES NO GUARANTEE AS TO THE DEPTH AND ALIGNMENT OF ANY BURIED INFRASTRUCTURE. DESIGN ENGINEERS AND CONTRACTORS ARE RESPONSIBLE FOR POTHOLING AND DETERMINING ALL LINE LOCATIONS PRIOR PROCEEDING WITH ANY LINE PROTECTION ACTIVITIES MAY IMPACT THE EXISTING INFRASTRUCTURE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY LEAKS AND/OR FAILURES OF WATER AND/OR SANITARY SEWER FACILITIES DUE TO INADEQUATE SUPPORT ASSOCIATED WITH THE CONSTRUCTION ACTIVITIES. ANY FAILURE ASSOCIATED WITH IMPROPER UTILITY SUPPORT RESULTING IN AN UNSCHEDULED OUTAGE SHALL BE IMMEDIATELY REPAIRED AT THE CONTRACTOR'S EXPENSE. ANY AND ALL LEAKS, FAILURES, OR DEFICIENT CONDITIONS DISCOVERED DURING THE INITIAL EXCAVATION PROCESS MUST BE BROUGHT TO THE ATTENTION OF THE WATER AUTHORITY IMMEDIATELY AND BEFORE FURTHER EXCAVATION CONTINUES SO AS TO MAKE A DETERMINATION OF ANY NECESSARY REMEDIATION.
- FOR NON-EMERGENCY (PLANNED) PROJECTS REQUIRING THE SUPPORT OF INFRASTRUCTURE IN EXCESS OF 20 FEET IN LENGTH, SUPPORT DESIGNS, INCLUDING STRUCTURAL CALCULATIONS, MUST BE PROVIDED TO THE WATER AUTHORITY PRIOR TO PLAN APPROVAL. DESIGNS MUST BE BY A PROFESSIONAL ENGINEER LICENSED AND REGISTERED IN THE STATE OF NEW MEXICO. IN ORDER TO ENSURE ADEQUATE SUPPORT AT ALL TIMES WHEN THE PIPE IS EXPOSED, DESIGN LOADING CALCULATIONS SHALL BE BASED ON THE ASSUMPTION THAT THE ENTIRE PIPE VOLUME IS FILLED WITH FLUID REGARDLESS OF OBSERVED FLOWS. THE DESIGN AND IMPLEMENTATION OF THE SUPPORT PLAN SHALL BE CONSIDERED INCIDENTAL TO THE COST OF EXCAVATION & BACKFILLING.
- THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING COA INFRASTRUCTURE (C & G, PAVING, PAVEMENT MARKINGS, ETC.) DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND WILL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE. HE 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.
- 37 ALL INTERFERING PORTIONS OF ABANDONED UTILITY LINES WHICH ARE EXPOSED AS A RESULT OF CONSTRUCTION WILL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 38 SHORING COSTS WILL BE CONSIDERED INCIDENTAL TO THE TRENCH AND BACKFILL COSTS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR SECURING NPDES PERMITS REQUIRED BY APPLICABLE CITY, STATE, AND FEDERAL REGULATIONS.
- THE TERM "REMOVE" USED IN THIS PLAN SET INCLUDES THE DISPOSAL OF SAID MATERIAL IN ACCORDANCE WITH CITY OF ALBUQUERQUE SPECIFICATIONS, LATEST EDITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
- 42 ALL REINFORCING STEEL TO BE GRADE 60 UNLESS OTHERWISE NOTED ON PLANS.

- 43 STATIONS OF STORM DRAIN INLETS ARE TO THE CENTER OF GRATE.
- ALL STORM DRAIN AND CONNECTOR PIPE WILL BE CLASS IV REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED ON THE PLANS.
- EXCESS EXCAVATION REQUIRED TO CONSTRUCT THE PROJECT THAT DOES NOT HAVE A CORRESPONDING BID ITEM (ie: EXCAVATION OF SUBGRADE OR DIRT) SHALL BE REMOVED AND DISPOSED OF AT NO ADDITIONAL COST TO THE OWNER AND WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 46 EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED—OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650, SUBPART P.
- 47 CONTRACTOR IS ADVISED TO VISIT THE PROJECT SITE PRIOR TO BIDDING AND FAMILIARIZE THEMSELVES WITH FIELD CONDITIONS INCLUDING THE LOCATION OF UTILITIES SHOWN ON THE PLANS AND OTHER UTILITIES/OBSTACLES CLEARLY VISIBLE IN THE FIELD.
- ALL DISTURBED GROUND AREAS SHALL BE REVEGETATED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, SECTION 1012 NATIVE GRASS SEEDING, AS CURRENTLY UPDATED.
- REMOVAL AND DISPOSAL OF EXISTING ASBESTOS PIPE MATERIAL SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL GOVERNMENTAL LAWS AND REGULATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL ASBESTOS PIPE MATERIAL AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIAL.
- ALL NEW STORM INLETS SHALL BE TYPE "A" PER CITY OF ALBUQUERQUE STANDARD DRAWINGS 2201 AND 2202 UNLESS OTHERWISE NOTED ON THE PLANS. ALL STORM INLET GRATES SHALL CONFORM TO CITY OF ALBUQUERQUE STANDARD DRAWING 2220.
- IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE MEASURES TO PREVENT ABRUPT DROP-OFFS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- PROVIDING AND INSTALLATION OF EMD'S AT ALL WATER VALVES, FITTINGS AND MANHOLES SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION. NO SEPARATE PAYMENT WILL BE MADE FOR EMD'S.

 ELECTRONIC MARKERS SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7.
- CONTRACTOR SHALL COORDINATE WITH WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUEST MUST BE MADE ONLINE AT HTTP://ABCWJA.ORG/CONTENT/VIEW/463/729/.
- THE CONTRACTOR MUST MAINTAIN ALL TRASH PICK—UP AND MAIL DELIVERY TO ALL IMPACTED RESIDENTS DURING CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- FOR SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.

FIELD NOTES

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FIELD NOTES

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SOLUTIONS FOR TODAY...
VISION FOR TOMORROW

2201 San Pedro Dr. NE Building 4, Suite 200

Fax: (505) 884-2376

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

BARELAS STORM DRAIN
GENERAL NOTES

Design Review Committee

City Engineer Approval

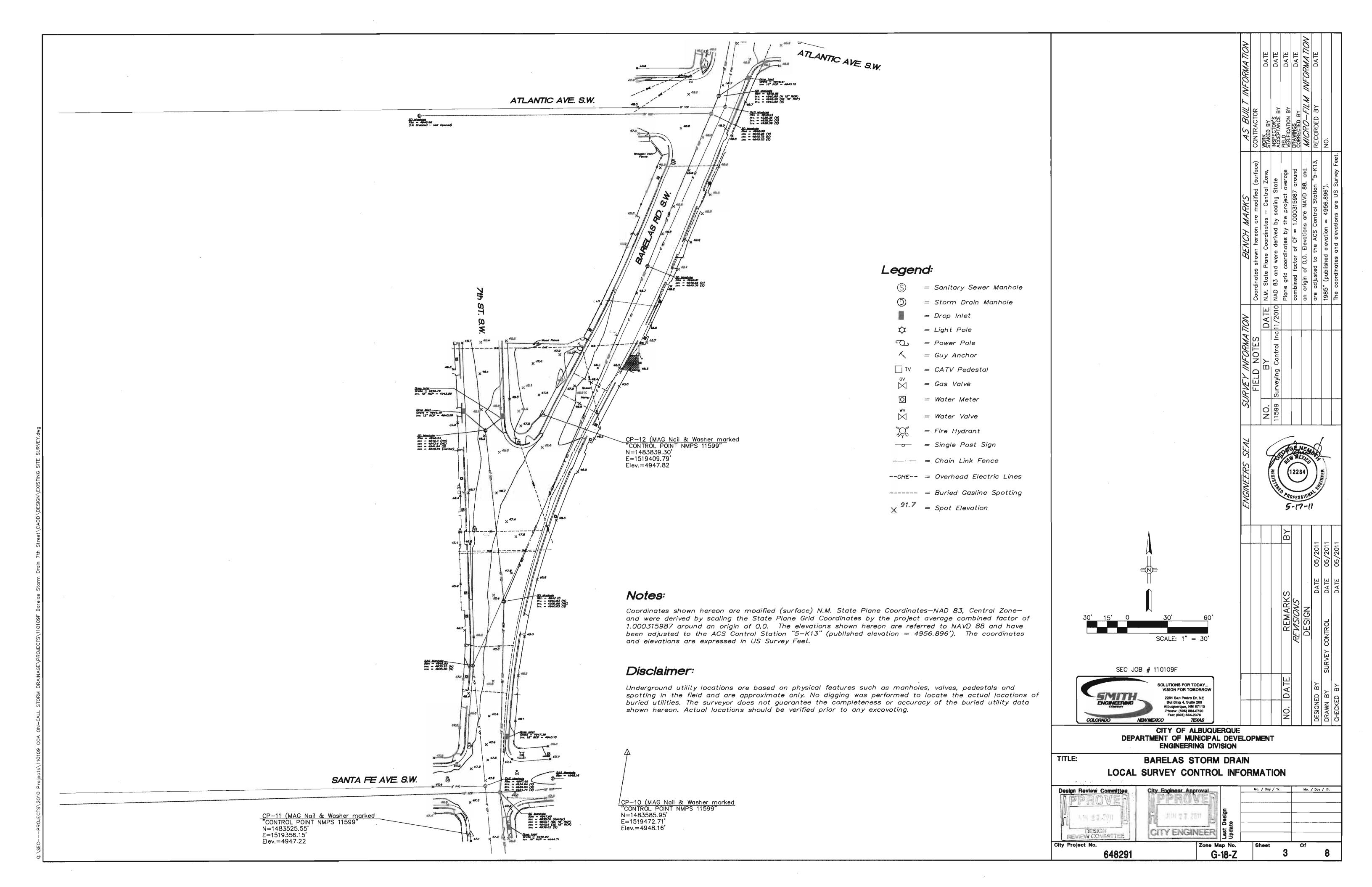
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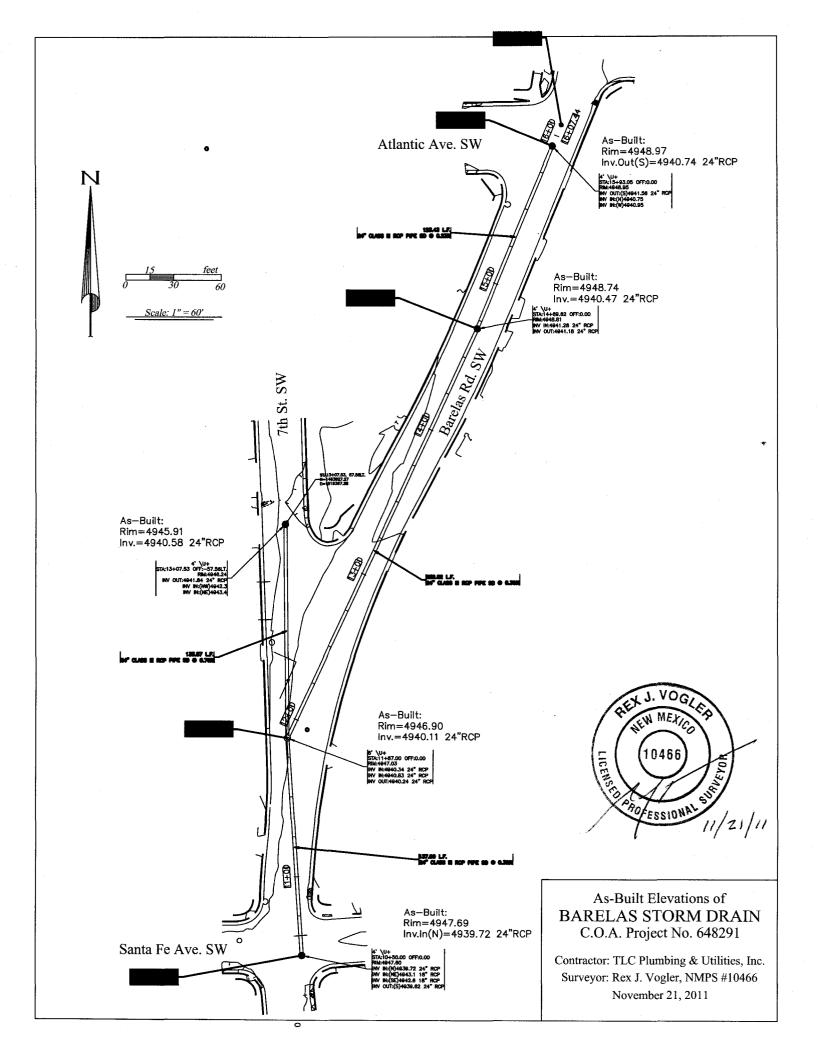
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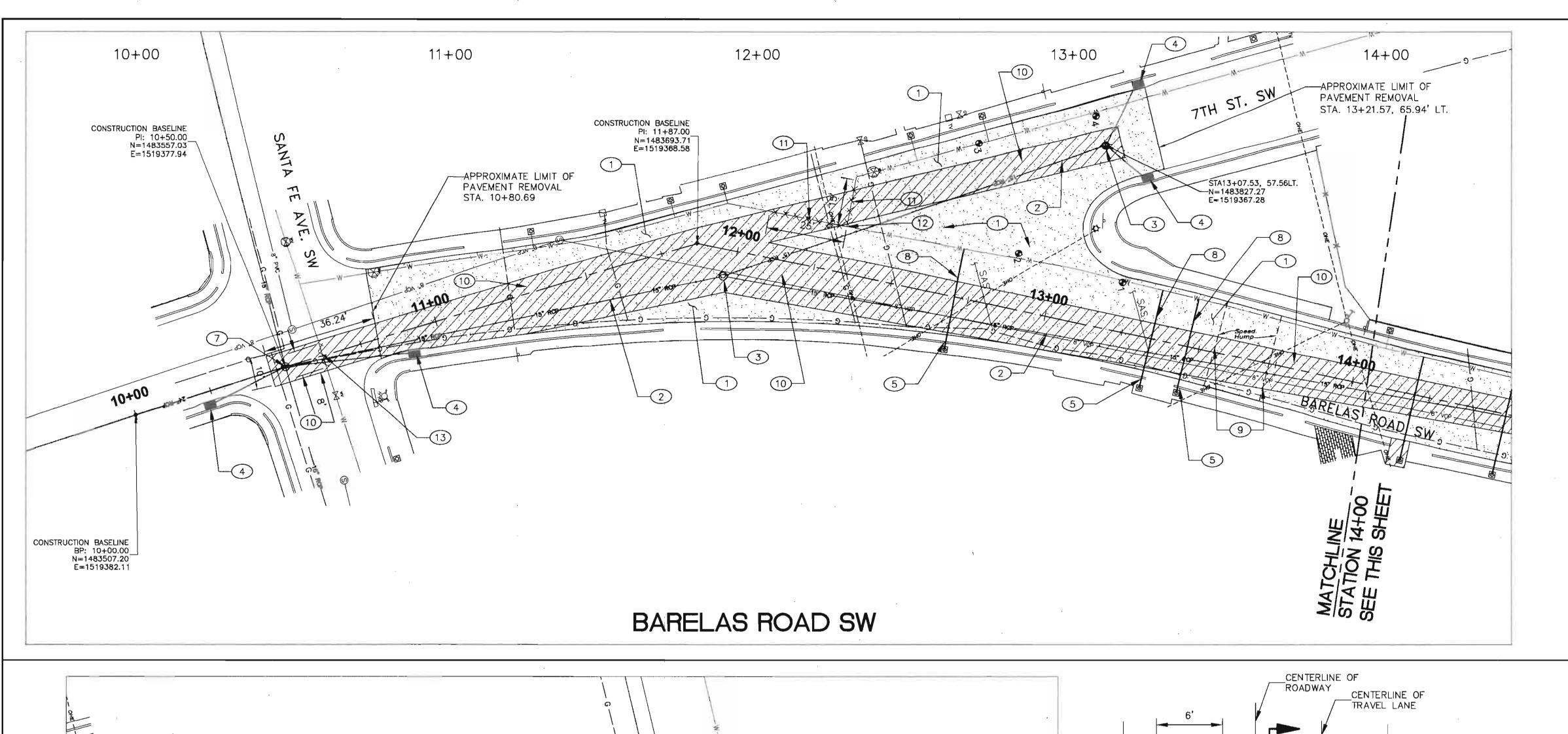
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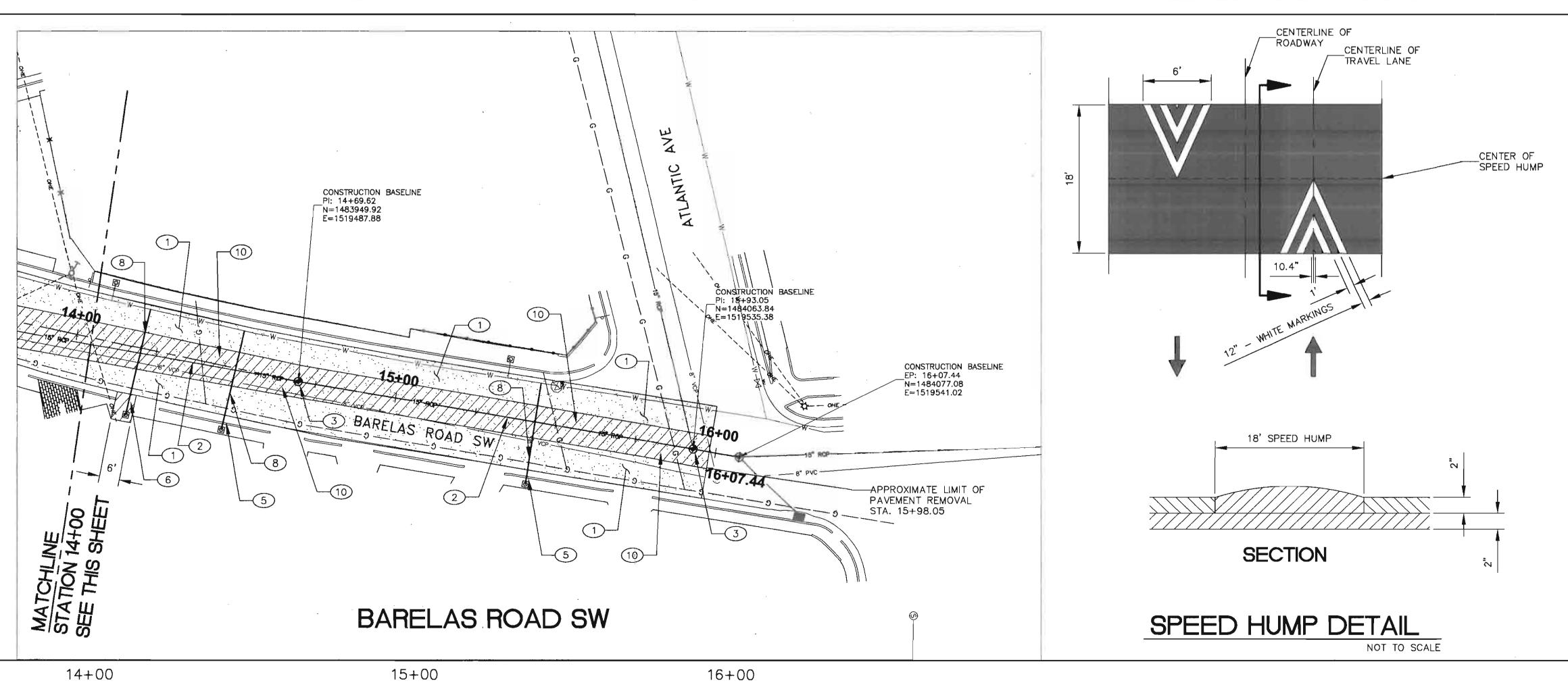
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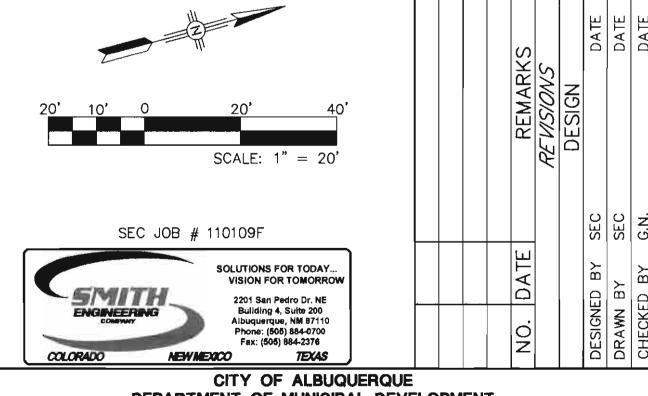








KEYED NOTES: REMOVE 2" OF ASPHALT PAVEMENT BY MILLING. PROVIDE TACK COAT AND 2" SP-B ASPHALT OVERLAY. REMOVE AND DISPOSE OF 15" RCP STORM DRAIN PIPE. COORDINATE WITH COA. EHD FOR PROPER DISPOSAL OF PIPE DOWNSTREAM FROM SANITARY SEWER CROSS-CONNECTION. REMOVE AND DISPOSE OF EXISTING STORM DRAIN MANHOLE. EXISTING STORM DRAIN INLET AND LATERAL PIPE TO REMAIN. REMOVE AND DISPOSE OF SIDEWALK AND CURB AND GUTTER NEEDED TO INSTALL NEW WATER SERVICE LINE. REMOVE AND DISPOSE A PORTION OF THE DRIVEPAD NEEDED TO INSTALL NEW WATER SERVICE LINE. EXISTING STORM DRAIN MANHOLE TO REMAIN. SEE KEYED NOTE 9 ON SHEET 5 FOR REQUIRED MANHOLE MODIFICATION. REMOVE AND DISPOSE OF EXISTING WATER SERVICE LINE. SEE KEYNOTE 3 ON SHEET 5 FOR RE-INSTALLATION OF NEW SERVICE LINE. REMOVE, DISPOSE AND RECONSTRUCT NEW SPEED HUMPS. MATCH EXISTING SPEED HUMP SIZE AND GRADES. PAINT/TAPE NEW SPEED HUMPS. SEE DETAIL THIS SHEET. SAWCUT, REMOVE AND REPLACE 10' OF EXISTING ASPHALT IN ACCORDANCE WITH COA STD DWG 2465 (MAJOR LOCAL). REMOVE AND DISPOSE APPROXIMATELY 40 LF OF EXISTING 8" WATER LINE. SEE SHEET 7 FOR WATER SHUT OFF PLAN. REMOVE AND DISPOSE OF EXISTING 8"X6" REMOVE AND DISPOSE OF APPROXIMATELY 8 LF OF EXISTING 6" WATER LINE, SEE SHEET 7 FOR WATER SHUT OFF PLAN. SCALE: 1" = 20'



DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION

BARELAS STORM DRAIN REMOVALS

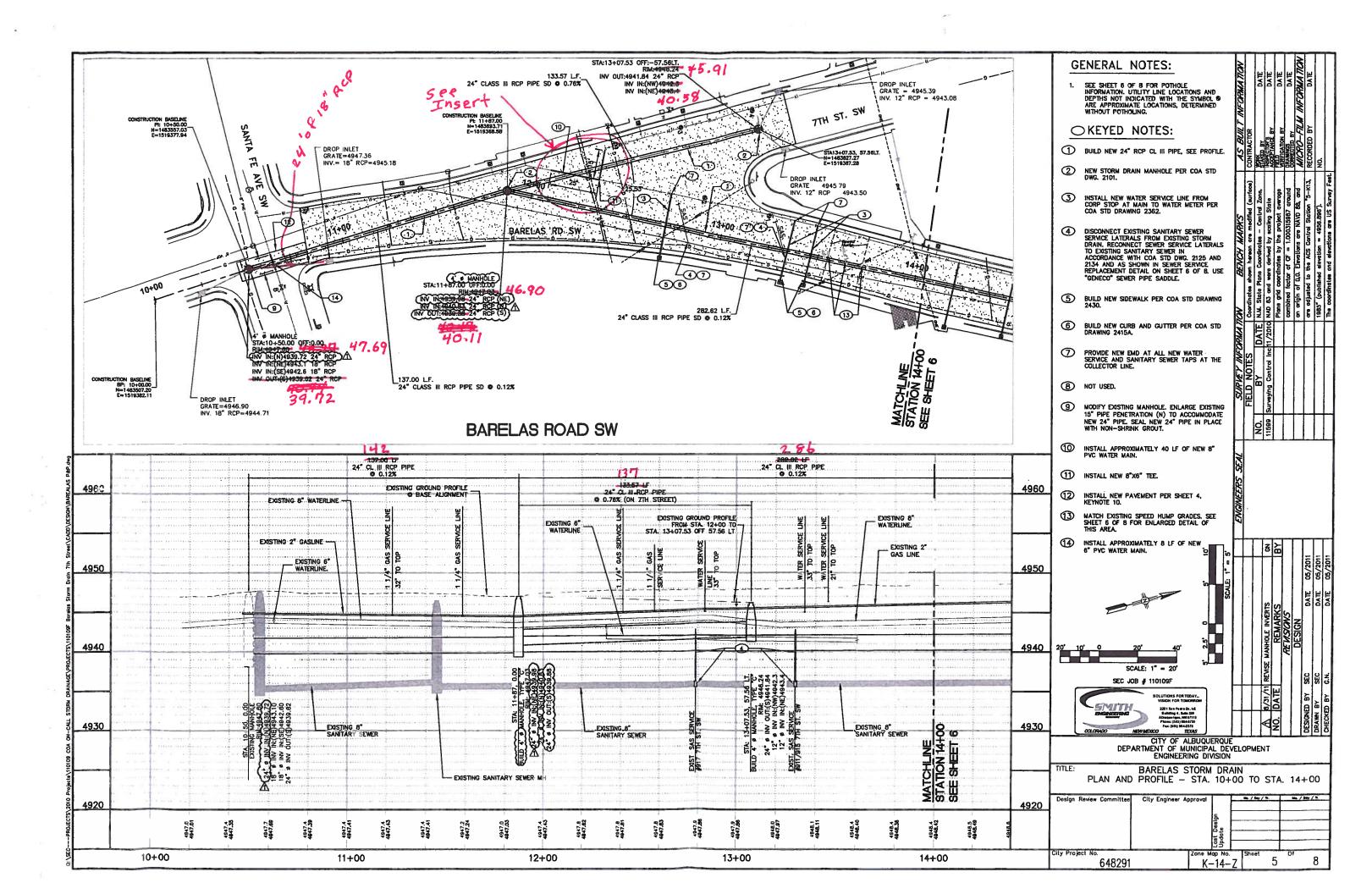


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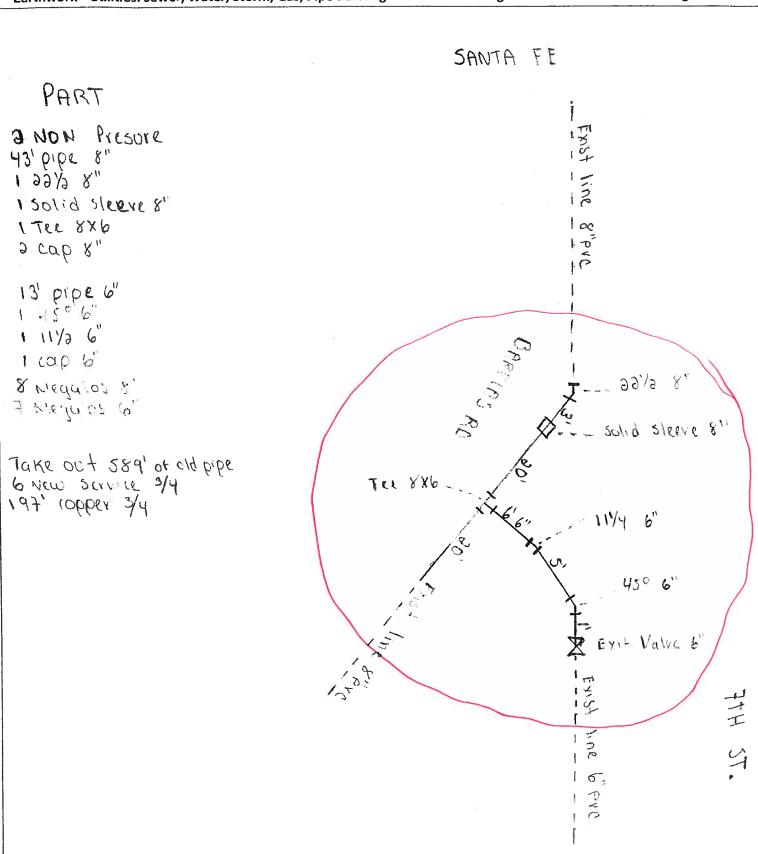
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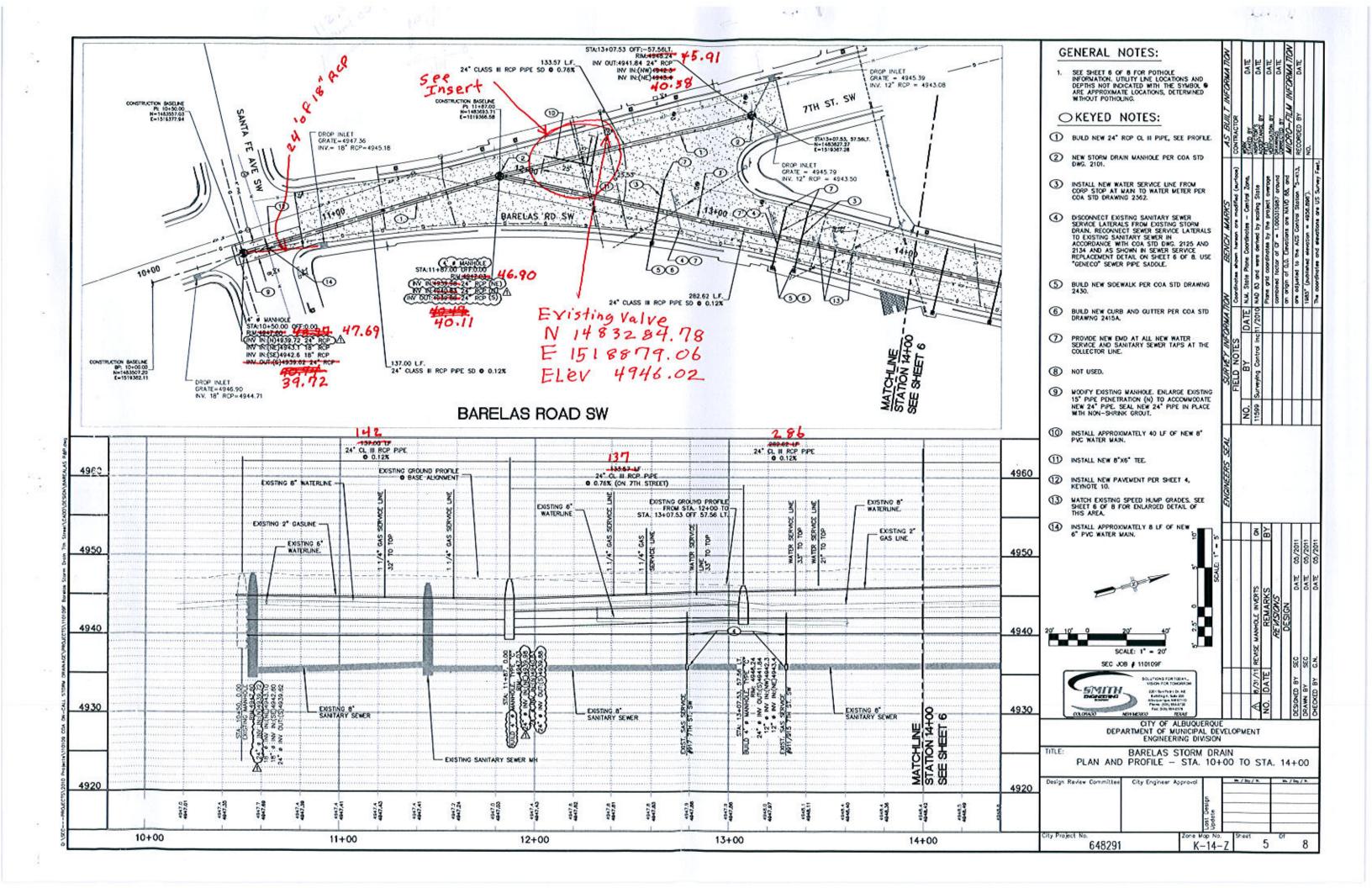
CONSTRUCTION SERVICES

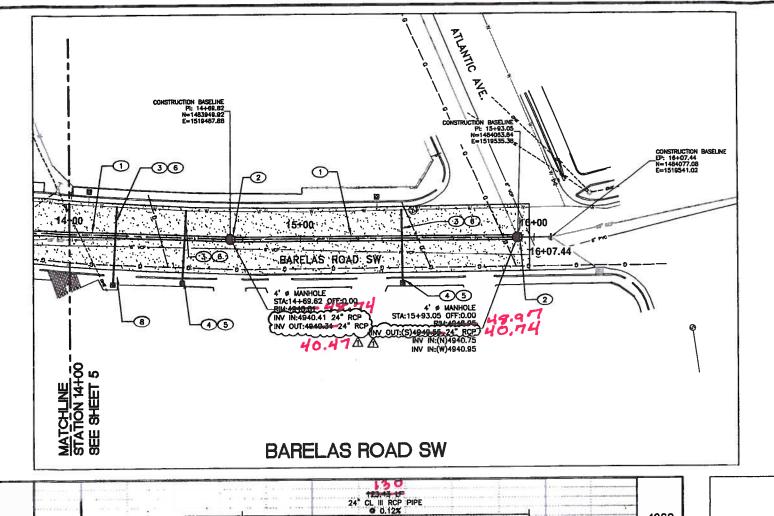
5000 Edith Blvd. NE Albuquerque, NM 87107 761-9696 • www.tlcplumbing.com

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Earthwork • Utilities: Sewer, Water, Storm, Gas, Pipe Bursting • Concrete • Paving • Treatment Plants • Plumbing & HVAC







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EXISTING GROUND PROFILE BASE ALIGNMENT

EXISTING 8' WATERLINE. EXISTING 2" GAS LINE

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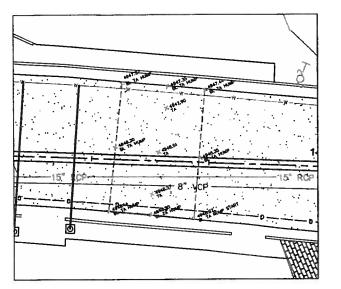
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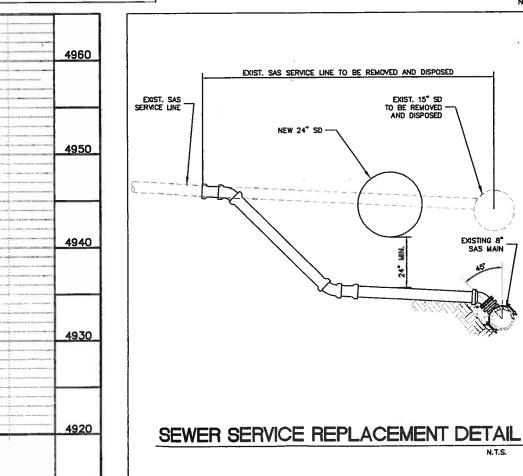
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EXISTING 8" SANITARY SEWE

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| NO. | OF PIPE | OF PIPE | UILIY | MATERIAL | DIAMETER | | | | |
| 1 | 3.30' | 4943.85 | WATER | PVC | 8" | | | | |
| 2 | 2.64' | 4944.58 | WATER | PVC | 8" | | | | |
| 3 | 3.82' | 4942.02 | WATER | PVC | 6" | | | | |
| 4 | 3.86' | 41.91 | WATER | PVC | 6" | | | | |



ENLARGED SPEED HUMP DETAIL



GENERAL NOTES:

SEE THIS SHEET FOR POTHOLE INFORMATION.
UTILITY LINE LOCATIONS AND DEPTHS NOT
INDICATED WITH THE SYMBOL ® ARE
APPROXIMATE LOCATIONS, DETERMINED
WITHOUT POTHOLING.

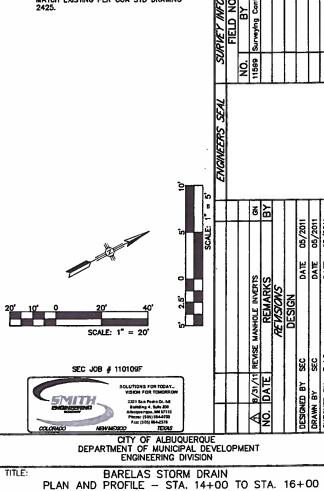
OKEYED NOTES:

- 1 BUILD NEW 24" RCP CL III PIPE, SEE PROFILE.
- NEW STORM DRAIN MANHOLE PER COA STD DWG. 2101.
- 3 INSTALL NEW WATER SERVICE LINE FROM CORP STOP AT MAIN TO WATER METER PER COA STD DRAWING 2362.
- 4 BUILD NEW SIDEWALK PER COA STD DRAWING 2430.
- BUILD NEW CURB AND GUTTER PER COA STD DRAWING 2415A.
- PROVIDE NEW EMD AT ALL NEW WATER SERVICE AND SANITARY SEWER TAPS AT THE COLLECTOR LINE.
- O NOT USED.

N.T.S.

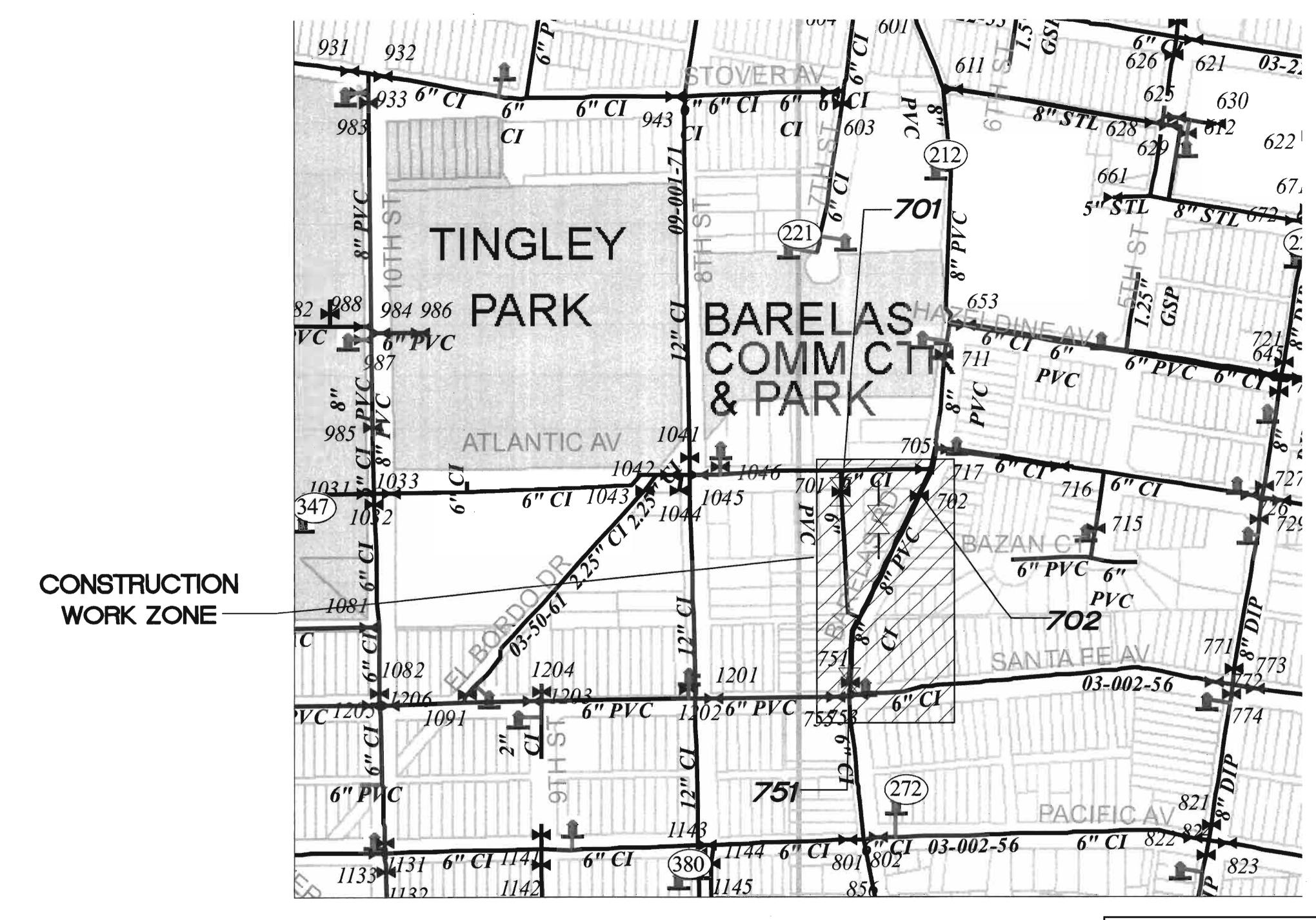
BUILT PORTION OF DRIVEPAD AFTER INSTALLATION OF NEW WATER SERVICE LINE. MATCH EXISTING PER COA STD DRAWING 2425.

648291



6

K-14-Z



| BARELAS | |
|-------------------|------------------------|
| WORK ON 6" D | IA WATER LINE |
| VALVES USED | FIRE HYDRANTS AFFECTED |
| 701 751 702 | NONE NONE NONE |
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NOTE: CITY OF ALBUQUERQUE MAPS K-14

| | | | Coordinates | N.M. State | NAD 83 and | Plane grid | combined for | an origin o | are adjuste | 1985" (publ | The coordin |
|--|---|--------------------|-------------|------------|-------------------------------|------------|---------------|-------------|-------------|-------------|-------------|
| | | NO1 | | DATE | 11/2010 | | | | | | |
| | | SURVEY INFORMATION | FIELD NOTES | ВҮ | Surveying Control Inc 11/2010 | | | | | | |
| | | SUPI | L | NO. | 11599 Sur | | | | | | _ |
| | | ENGINEERS SEAL | | <u> </u> | | O PR | 1228 OFFES | 14) SION 11 | a survivo | - INFER | |
| | | · | | | | ВУ | | | 04/2011 | 04/2011 | 04/2011 |
| | | | | | | REMARKS | REVISIONS | DESIGN | DATE | DATE | DATE |
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| SOLUTIONS FOR TO VISION FOR TO VISION FOR TO SOLUTIONS FOR TO VISION FOR TO SOLUTIONS FOR TO VISION FOR TO SOLUTIONS FOR TO VISION FOR TO VISI | MORROW Dr. NE D 200 87110 -0700 | | | | | NO. DAT | | | DESIGNED BY | DRAWN BY | CHECKED BY |
| CITY OF A | LBUQUERQUE | | PM | EN7 | Γ | | | | | | <u> </u> |
| TITLE: BARELAS S SUGGESTED WATI | | | P | LA | N | | | | | | |
| Design Review Committee City Engineer Apple PPRO CITY ENGIN | Design | | Mo. | / Day | / Yr. | | | Mo., | / Day | / Yr. | |
| City Project No. 648291 | Zone Map No. K-14-Z | | Sh | eet | | 7 | | Of | | 8 | |

N

SUGGESTED WATER SHUT OFF PLAN

NOT TO SCALE

