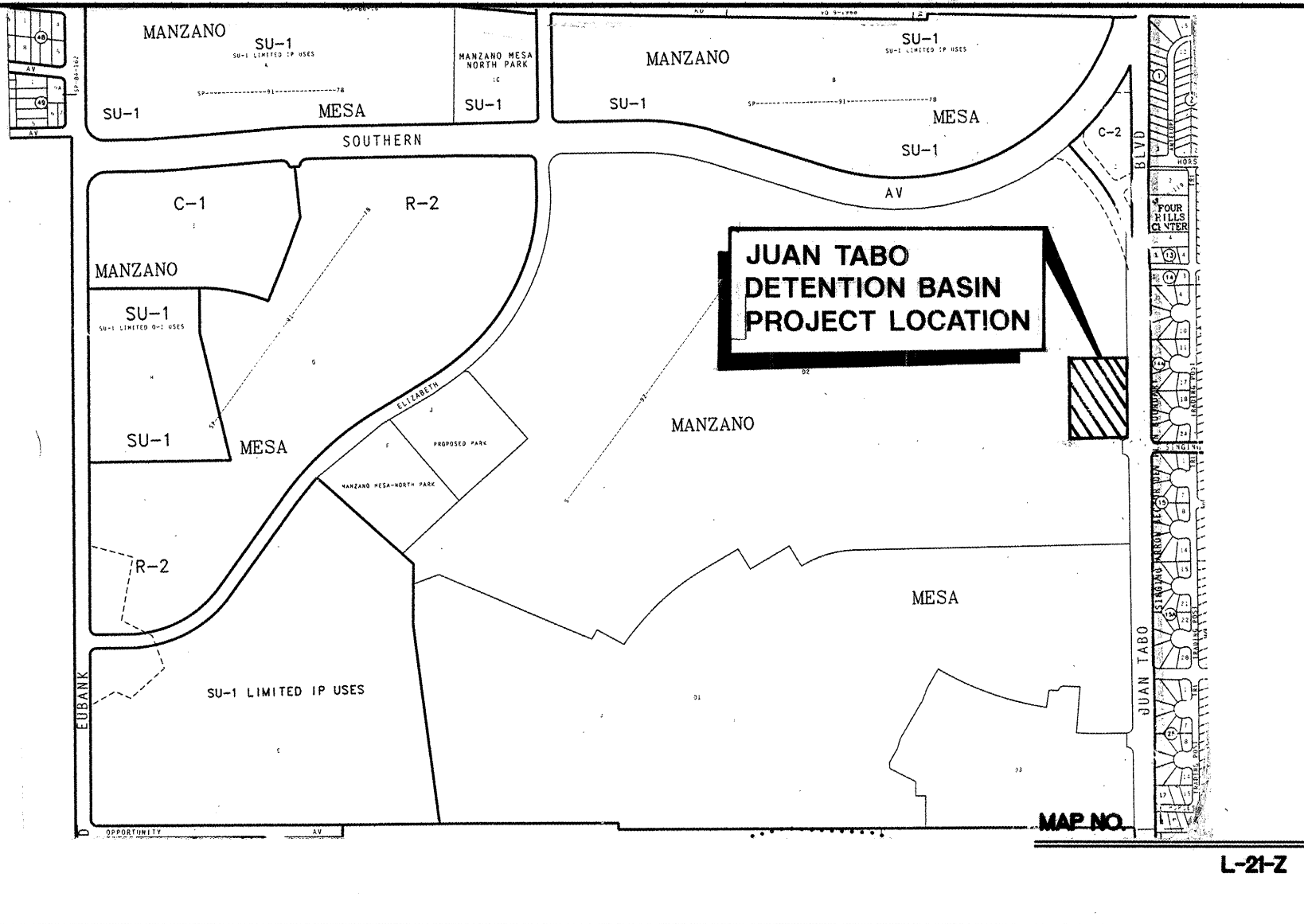




VICINITY MAP



# CONSTRUCTION PLANS

## FOR

# CITY OF ALBUQUERQUE

## JUAN TABO DETENTION BASIN

(C.O.A. # 4790.92)

## AND

# CENTRAL AVENUE STORM DRAIN

(C.O.A. # 5188.90)

## AND

# MANZANO MESA PARK - PHASE 1A

(C.O.A. 5018.90)

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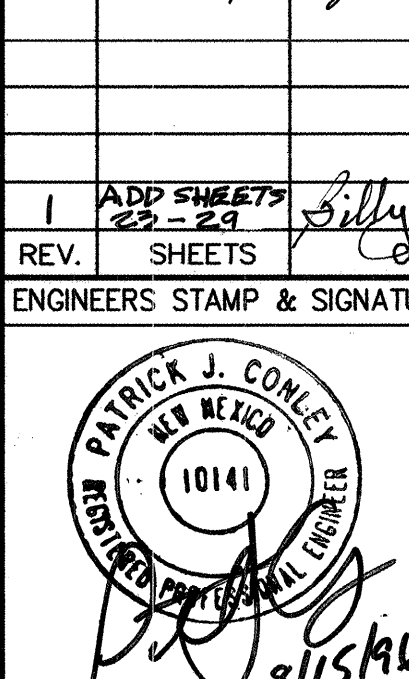
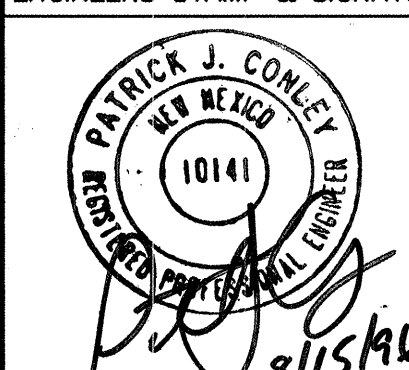
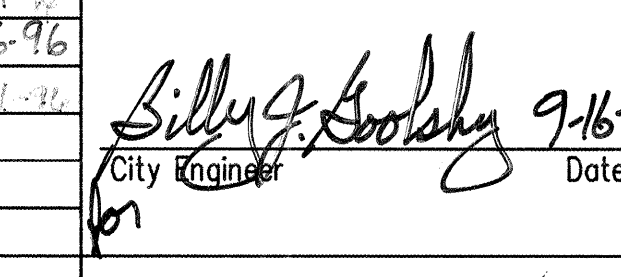
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A Full Service Engineering Company  
6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

See Corresponding Projects 5188.90 and 5018.90

|                                                                                       |                                                                                       |                  |           |          |                 |                                                                                                                     |                 |      |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------|-----------|----------|-----------------|---------------------------------------------------------------------------------------------------------------------|-----------------|------|
| REV.                                                                                  | 1                                                                                     | ADD SHEETS 23-29 | DATE      | 1/9/97   | USER DEPARTMENT | DATE                                                                                                                | USER DEPARTMENT | DATE |
| ENGINEER'S STAMP & SIGNATURE                                                          |  |                  | APPROVALS | ENGINEER | DATE            | APPROVED FOR CONSTRUCTION                                                                                           |                 |      |
|  |                                                                                       | DRC Chairman     |           |          |                 | <br>City Engineer Date 9-16-96 |                 |      |
|                                                                                       |                                                                                       | Transportation   |           |          |                 |                                                                                                                     |                 |      |
|                                                                                       |                                                                                       | Water/Wastewater |           |          |                 |                                                                                                                     |                 |      |
|                                                                                       |                                                                                       | Hydrology        |           |          |                 |                                                                                                                     |                 |      |
|                                                                                       |                                                                                       | Parks            |           |          |                 |                                                                                                                     |                 |      |
|                                                                                       |                                                                                       | Const. Mngmt.    |           |          |                 |                                                                                                                     |                 |      |
|                                                                                       |                                                                                       | City Project No. | 4790.92   |          | Sheet           |                                                                                                                     | 1 of 29         |      |



### RECORD DRAWING

I HEREBY CERTIFY THAT THESE DRAWINGS HAVE BEEN REVISED IN ACCORDANCE WITH INFORMATION FURNISHED BY THE CONTRACTOR, R.M.C.I. AND THE C.O.A. SURVEYOR. THESE DRAWINGS REFLECT THE CONSTRUCTION AS ACTUALLY ACCOMPLISHED & THE PROJECT, AS CONSTRUCTED, IS IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED PLANS.

PATRICK J. CONLEY, TYPE 10141

4/16/97  
DATE

APPROVAL OF AS BUILT DRAWINGS  
CHIEF CONSTRUCTION ENGINEER  
  
DATE 4-28-97

- 1 THREE (3) 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 (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF SPECIFICATIONS.
- 2 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 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 SPECIFICATIONS.
- 3 THE SPECIFICATIONS USED FOR THIS PROJECT ARE THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, UPDATE NO.6.
- 4 ALL NEW MANHOLES SHALL BE TYPE "E" (COA 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 FIVE (5) WORKING DAYS IN ADVANCE OF ANY WATER SHUT OFF WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES. ALL EXISTING VALVES MAY ONLY BE OPERATED BY COA WATER DIVISION PERSONNEL. REFER TO SECTION 18 OF SPECIFICATIONS.
- 9 ALL EXCAVATION WILL BE GOVERNED BY FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 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.
- 11 THE CONTRACTOR IS TO EXERCISE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND 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.
- 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.
- 13 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.
- 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 THE UTILITY COMPANIES BY CALLING NEW MEXICO ONE CALL SYSTEM 260-1990 TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK IN NEW AREAS.
- 16 CONTRACTOR WILL MAKE ALL WATER VALVES AND MANHOLES ACCESSIBLE TO THE CITY AT ALL TIMES.
- 17 CONTRACTOR WILL PLACE BITUMINOUS MATERIAL WITH THE USE OF A LAYDOWN MACHINE WHERE PAVEMENT IS 8 FEET IN WIDTH OR WIDER.
- 18 ALL SUBGRADE 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 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 TO BE SALVAGED AND RETURNED TO THE C.O.A.
- 22 MINIMUM BOTTOM WIDTH OF TRENCHES FOR RIGID PIPE SHALL CONFORM TO C.O.A. STANDARD SPECIFICATIONS. BEDDING MATERIAL SHALL BE CLASS II OR III UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.
- 23 MINIMUM BOTTOM WIDTH OF TRENCHES FOR NON-RIGID PIPE SHALL CONFORM TO THE C.O.A. STANDARD SPECIFICATIONS. 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, GUARD FENCES, WALKS AND BRIDGES.
- 25 ALL STRUCTURAL CONCRETE TO BE 4000 PSI UNLESS OTHERWISE NOTED ON PLANS.
- 26 ALL REINFORCING STEEL TO BE GRADE 60.
- 27 ALL EXPOSED EDGES ON CAST-IN-PLACE CONCRETE STRUCTURES WILL HAVE A 1" CHAMFER UNLESS OTHERWISE NOTED.
- 28 ALL SPLICES IN REINFORCING STEEL TO BE 2-FOOT 6-INCH MINIMUM UNLESS OTHERWISE NOTED.

- 29 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 CITY FIELD ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- 30 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 AND STRIPING 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. MAINTENANCE OF THE TEMPORARY PAVING AND STRIPING WILL BE AT THE CONTRACTOR'S EXPENSE. PRIOR TO FINAL PAVING, THE CONTRACTOR SHALL REMOVE THE TEMPORARY PAVING AND ANY FILL REQUIRED FOR PLACEMENT OF THE TEMPORARY PAVING. THIS WORK IS CONSIDERED INCIDENTAL AND NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
- 31 TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE CITY FIELD ENGINEER.
- 32 THE CONTRACTOR WILL CONTACT THE CITY OF ALBUQUERQUE TRAFFIC DIVISION 857-8680, 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, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- 34 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.
- 36 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.
- 37 ALL CONSTRUCTION EASEMENTS ON PRIVATE PROPERTY WILL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.
- 38 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 OF THE SPECIFICATIONS.
- 39 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 TIMELY MANNER.
- 40 THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVING OR CURB AND GUTTER 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.
- 41 ALL INTERFERING PORTIONS OF ABANDONED UTILITY LINES WHICH ARE EXPOSED AS A RESULT OF CONSTRUCTION WILL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- 42 STATIONS OF STORM DRAIN INLETS ARE TO THE FLOWLINE OF GRATE. ALL STORM DRAIN INLETS WILL BE TYPE "A" UNLESS OTHERWISE NOTED ON THE PLANS.
- 43 SHORING COSTS WILL BE CONSIDERED INCIDENTAL TO THE TRENCH AND BACKFILL COSTS.
- 44 THE CONTRACTOR WILL BE RESPONSIBLE FOR SECURING NPDES PERMITS REQUIRED BY APPLICABLE CITY, STATE, AND FEDERAL REGULATIONS.
- 45 ALL STORM DRAIN AND CONNECTOR PIPE WILL BE CLASS IV REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED ON THE PLANS.
- 46 THE TERM REMOVE USED IN THIS PLAN SET INCLUDES THE DISPOSAL OF SAID MATERIAL IN ACCORDANCE WITH CITY OF ALBUQUERQUE SPECIFICATIONS, LATEST EDITION.
- 47 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.
- 48 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.
- 49 PNM REQUESTS A MINIMUM OF 72 HOURS NOTICE PRIOR TO SUPPORT WORK BEING REQUIRED.
- 50 CONTACT PNM REPRESENTATIVE MIKE DAVIS AT 241-3307 A MINIMUM OF ONE (1) WEEK PRIOR TO OUTAGES AND CABLE SUPPORT REQUIREMENTS.

NOTE:  
ALL NORTHING AND EASTING COORDINATES  
ARE MODIFIED STATE PLANE (GROUND)  
UNLESS OTHERWISE STATED.

## LEGEND:

- X — X — EXISTING CHAIN LINK FENCE
- — — OHE — — — EXISTING OVERHEAD ELECTRIC
- — — W — — — EXISTING WATER LINE
- — — G — — — EXISTING GAS LINE
- — — SAS — — — EXISTING SANITARY SEWER
- — — — — EXISTING BLOCK WALL
- ⊠ EXISTING WATER VALVE
- ⊠ NEW WATER VALVE
- EXISTING CATCH BASIN
- NEW CATCH BASIN
- W.M. EXISTING WATER METER
- EXISTING MANHOLE
- NEW MANHOLE
- NEW JUNCTION BOX
- EXISTING JUNCTION BOX
- ⊙ EXISTING FIRE HYDRANT
- EXISTING LIGHT POLE
- POTHOLE
- ⊠ EXISTING TRAFFIC LIGHT
- ▨ DRIVE PAD
- ▨ EXISTING ASPHALT PAVEMENT
- C.O.A. CITY OF ALBUQUERQUE
- ▨ EXISTING CONCRETE PAVEMENT
- x 5287.5 EXISTING SPOT ELEVATION
- 75 — EXISTING CONTOUR LINE
- ☁ EXISTING TREE
- ⬆ EXISTING MANHOLE
- ⬆ NEW MANHOLE
- — — NEW WATER LINE
- ▨ NEW STORM DRAIN
- — — CENTERLINE
- ▨ NEW PAVEMENT AND CURB-AND-GUTTER

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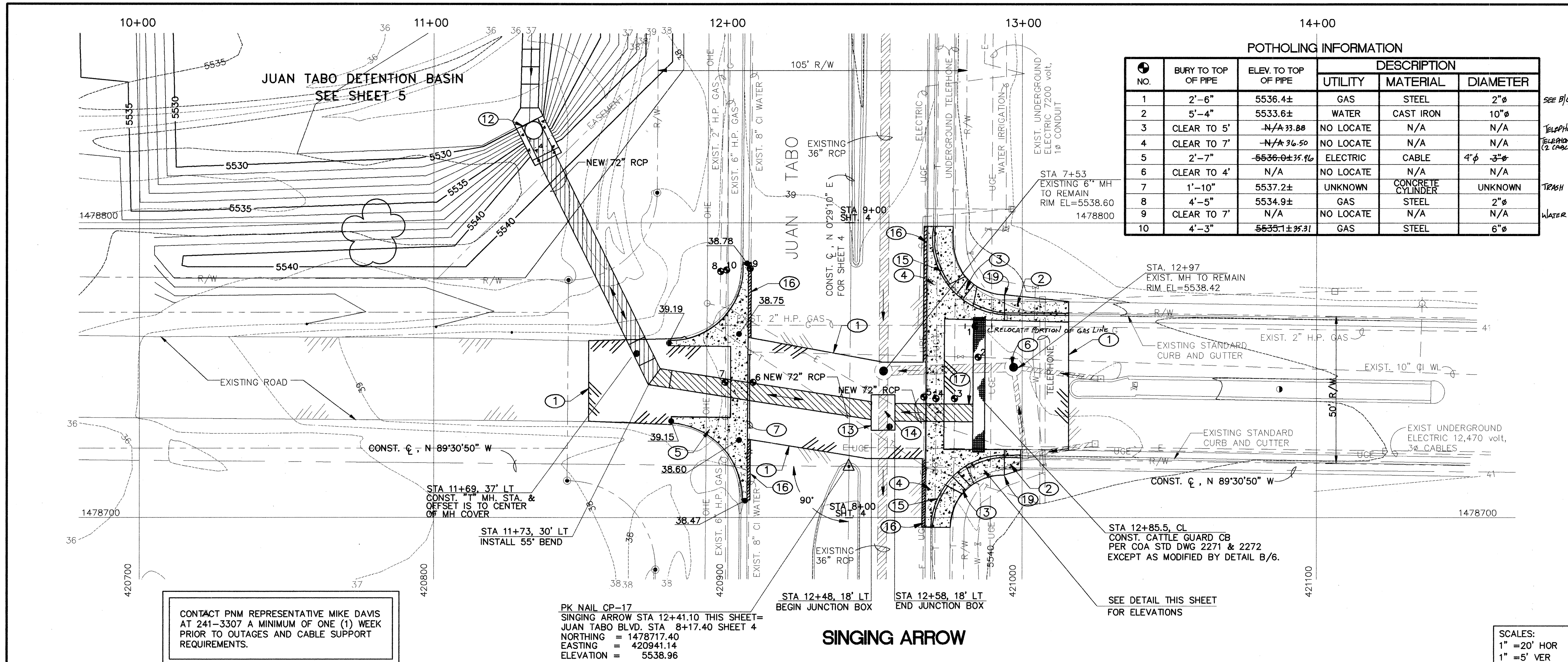
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CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: **JUAN TABO DETENTION BASIN**  
**GENERAL NOTES AND LEGEND**

|                                                           |                                                          |                    |                 |                 |
|-----------------------------------------------------------|----------------------------------------------------------|--------------------|-----------------|-----------------|
| Design Review Committee<br><b>APPROVED</b><br>SEP 16 1996 | City Engineer Approval<br><b>APPROVED</b><br>SEP 16 1996 | Last Design Update | No. / Day / Yr. | No. / Day / Yr. |
| DESIGN REVIEW COMMITTEE                                   | CITY ENGINEER                                            |                    |                 |                 |

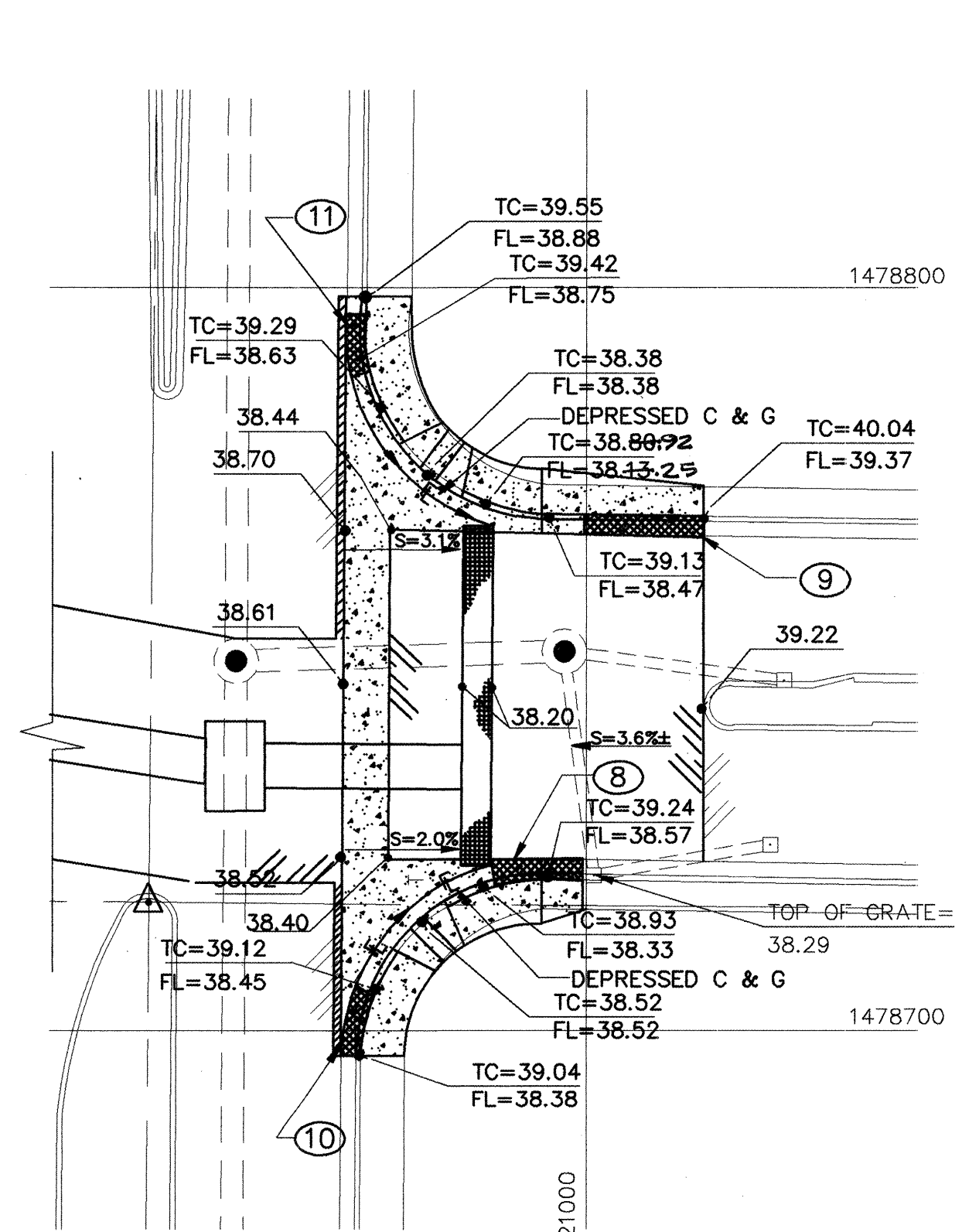
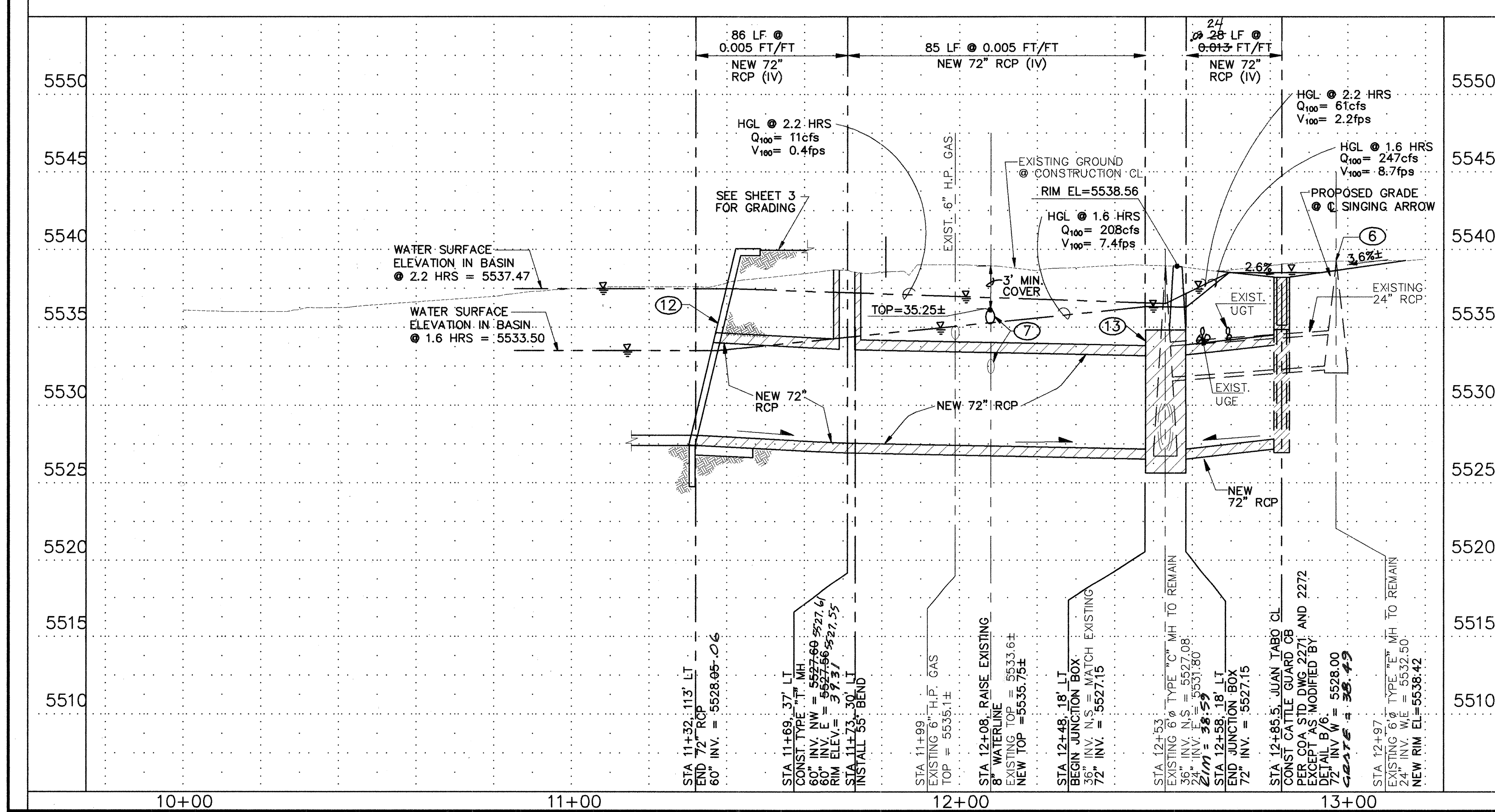
City Project No. **4790.92** Zone Map No. **L-21** Sheet **2** of **29**



POTHOLES INFORMATION

| NO. | BURY TO TOP OF PIPE | ELEV. TO TOP OF PIPE | DESCRIPTION |                   |          |
|-----|---------------------|----------------------|-------------|-------------------|----------|
|     |                     |                      | UTILITY     | MATERIAL          | DIAMETER |
| 1   | 2'-6"               | 5538.4±              | GAS         | STEEL             | 2'Ø      |
| 2   | 5'-4"               | 5533.6±              | WATER       | CAST IRON         | 10"Ø     |
| 3   | CLEAR TO 5'         | N/A 33.88            | NO LOCATE   | N/A               | N/A      |
| 4   | CLEAR TO 7'         | N/A 36.50            | NO LOCATE   | N/A               | N/A      |
| 5   | 2'-7"               | 5536.0±35.96         | ELECTRIC    | CABLE             | 4"Ø 3"Ø  |
| 6   | CLEAR TO 4'         | N/A                  | NO LOCATE   | N/A               | N/A      |
| 7   | 1'-10"              | 5537.2±              | UNKNOWN     | CONCRETE CYLINDER | UNKNOWN  |
| 8   | 4'-5"               | 5534.9±              | GAS         | STEEL             | 2'Ø      |
| 9   | CLEAR TO 7'         | N/A                  | NO LOCATE   | N/A               | N/A      |
| 10  | 4'-3"               | 5535.1±35.31         | GAS         | STEEL             | 6"Ø      |

- KEYED NOTES:**
- PAYMENT LIMITS FOR ASPHALT REMOVAL AND REPLACEMENT. MATCH EXISTING GRADES, EXCEPT AS OTHERWISE SHOWN. SAWCUT ASPHALT PRIOR TO PLACING NEW ROAD SECTION. SEE DETAIL C/B.
  - REMOVE AND REPLACE EXISTING SIDEWALK AND WHEEL CHAIR RAMP. MATCH EXISTING SIDEWALK GRADE AT REMOVAL LINE.
  - CONSTRUCT TYPE II WHEEL CHAIR RAMP PER COA STD DWG 2441. BUILD WHEEL CHAIR RAMP UTILIZING INTEGRAL CURB PER ALTERNATE DETAIL SECTION AA. AS REQUIRED TO MATCH EXISTING LANDSCAPING GRADE.
  - REMOVE AND REPLACE VALLEY GUTTER PER COA STD DWG 2420. MATCH EXISTING ROAD GRADE ON WEST SIDE OF VALLEY GUTTER. SLOPE NEW VALLEY GUTTER EAST TO GRADES SHOWN.
  - REMOVE AND REPLACE EXISTING VALLEY GUTTER PER COA STD DWG 2420. MATCH EXISTING GRADES.
  - ADJUST EXISTING MANHOLE TO NEW PAVEMENT GRADE.
  - REMOVE AND REPLACE APPROXIMATELY 20'-LF OF 8-INCH CAST IRON WATERLINE. SEE DETAIL C/6.
  - CONSTRUCT 12'-FOOT TRANSITION FROM DEPRESSED CURB AND GUTTER (SINGING ARROW STA 12+87, 3' LT) TO STANDARD CURB AND GUTTER (SINGING ARROW STA 12+99, 4' LT).
  - CONSTRUCT 16'-FOOT TRANSITION FROM DEPRESSED CURB AND GUTTER (SINGING ARROW STA 13+00, 53' LT) TO STANDARD CURB AND GUTTER (SINGING ARROW STA 13+16, 53' LT).
  - CONSTRUCT 8'-FOOT TRANSITION FROM DEPRESSED CURB AND GUTTER (SINGING ARROW STA 12+70, 13' RT) TO STANDARD CURB AND GUTTER (SINGING ARROW STA 12+67, 20' RT).
  - CONSTRUCT 8'-FOOT TRANSITION FROM DEPRESSED CURB AND GUTTER (SINGING ARROW STA 12+69, 73' LT) TO STANDARD CURB AND GUTTER (SINGING ARROW STA 12+68, 81' LT).
  - CONSTRUCT OUTLET PER DETAIL A/7.
  - CONSTRUCT NEW JUNCTION BOX. SEE DETAIL A/6.
  - REMOVE AND DISPOSE OF APPROXIMATELY 12'-LF OF EXISTING 36-INCH RCP FOR INSTALLATION OF THE NEW JUNCTION BOX.
  - CONSTRUCT NEW CURB AND GUTTER TO MATCH EXISTING RETURN RADI.
  - REMOVE AND REPLACE ASPHALT 1'-0" FROM VALLEY GUTTER.
  - CONCRETE PIPE SUPPORT COMING FROM CATTLE GUARD PER NOTE "A", COA STD DWG 2101. SUPPORT TO BE A MINIMUM 4' LONG.
  - SHUTOFF WATER VALVES 993 AND 992 AND 651 TO PERFORM WATERLINE WORK.
  - TRANSITION FROM 6'-FOOT WIDE TO 4'-FOOT WIDE SIDEWALK AT SINGING ARROW STA 12+94.



**ELEVATIONS AT EAST VALLEY GUTTER**

SCALE: 1" = 20'-0"

**NOTE:**  
ALL NORTHING AND EASTING COORDINATES ARE MODIFIED STATE PLANE (GROUND) UNLESS OTHERWISE STATED.

20' 10' 0 20' 40'  
SCALE: 1" = 20'

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195106-SE1

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

**TITLE:**  
JUAN TABO DETENTION BASIN  
PLAN AND PROFILE  
SINGING ARROW STROM DRAIN STA 10+00 TO STA 14+00

DESIGN REVIEW COMMITTEE  
CITY ENGINEER  
Last Design Update

City Project No. **4790.92** Zone Map No. **L-21** Sheet **3** of **29**



AREA POND = 1.764 ACRES

CONTRACTOR SHALL COMPACT THE  
DETENTION BASIN BACKFILL TO  
90% ASTM D 1557 WITH MAXIMUM  
8-INCH LOOSE LIFTS.

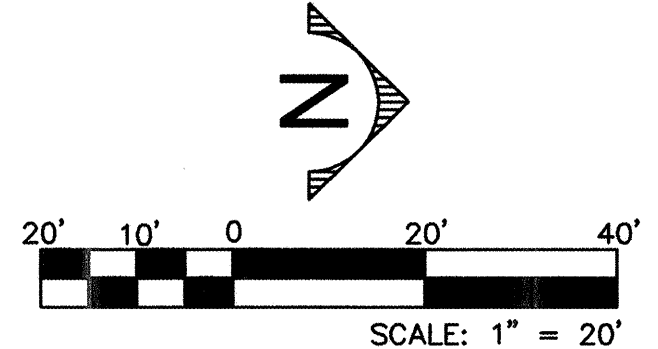
KEYED NOTES:

1. CONSTRUCT 16-FOOT WIDE ACCESS RAMP FROM EMERGENCY SPILLWAY TO BOTTOM OF BASIN SEE DETAIL D/8.
2. CLEAR AND GRUB AREA WITHIN RIGHT-OF-WAY SHOWN ON THIS SHEET. CLEARING SHALL INCLUDE REMOVAL AND DISPOSAL OF CONCRETE AND ASPHALT RUBBLE, TRASH, TREES, AND BOULDERS.
3. PLACE CLASS "A" NATIVE SEEDING WITHIN THE JUAN TABO DETENTION BASIN RIGHT-OF-WAY AND ALONG SINGING ARROW ROAD AND JUAN TABO BOULEVARD.
4. CONSTRUCT 72" OUTLET PIPE APRON PER DETAIL A/7.
5. CONSTRUCT 36" INLET PIPE CHANNEL PER DETAIL B/8.
6. CONSTRUCT CONCRETE SWALE CHANNEL PER DETAIL C/7.
7. PLACE 6-INCH DIAMETER TYPE VL RIPRAP, 12-INCH THICK, ON BASIN SLOPES LESS THAN 3:1.
8. CONSTRUCT EMERGENCY SPILLWAY PER DETAIL A/8.
9. CONSTRUCT EMERGENCY SPILLWAY ASPHALT APRON PER DETAIL E/8.
10. NOT USED.
11. CONSTRUCT CONCRETE PIPE SUPPORT PER DETAIL B/8.
12. PLACE 6-INCH DIAMETER TYPE VL RIPRAP, 12-INCH THICK, ON FACE OF SLOPE AROUND NEW 36" RCP.

NOTE:  
ALL NORTHING AND EASTING COORDINATES  
ARE MODIFIED STATE PLANE (GROUND)  
UNLESS OTHERWISE STATED.

DETENTION POND DATA  
100-YEAR MAXIMUM WATER SURFACE  
ELEVATION = 5537.47  
EMERGENCY SPILLWAY  
ELEVATION = 5537.50  
FLOW FROM EMERGENCY SPILLWAY  
AT ELEVATION 5539.0 = 147 cfs

| STAGE - STORAGE |                 |
|-----------------|-----------------|
| ELEVATION (ft)  | STORAGE (ac-ft) |
| 5528.05         | 0.00            |
| 5529.00         | 0.02            |
| 5530.00         | 0.24            |
| 5531.00         | 0.87            |
| 5532.00         | 1.74            |
| 5533.00         | 2.68            |
| 5534.00         | 3.69            |
| 5535.00         | 4.80            |
| 5536.00         | 6.02            |
| 5537.00         | 7.37            |
| 5537.50         | 8.10            |
| 5538.00         | 8.87            |
| 5539.00         | 10.81           |



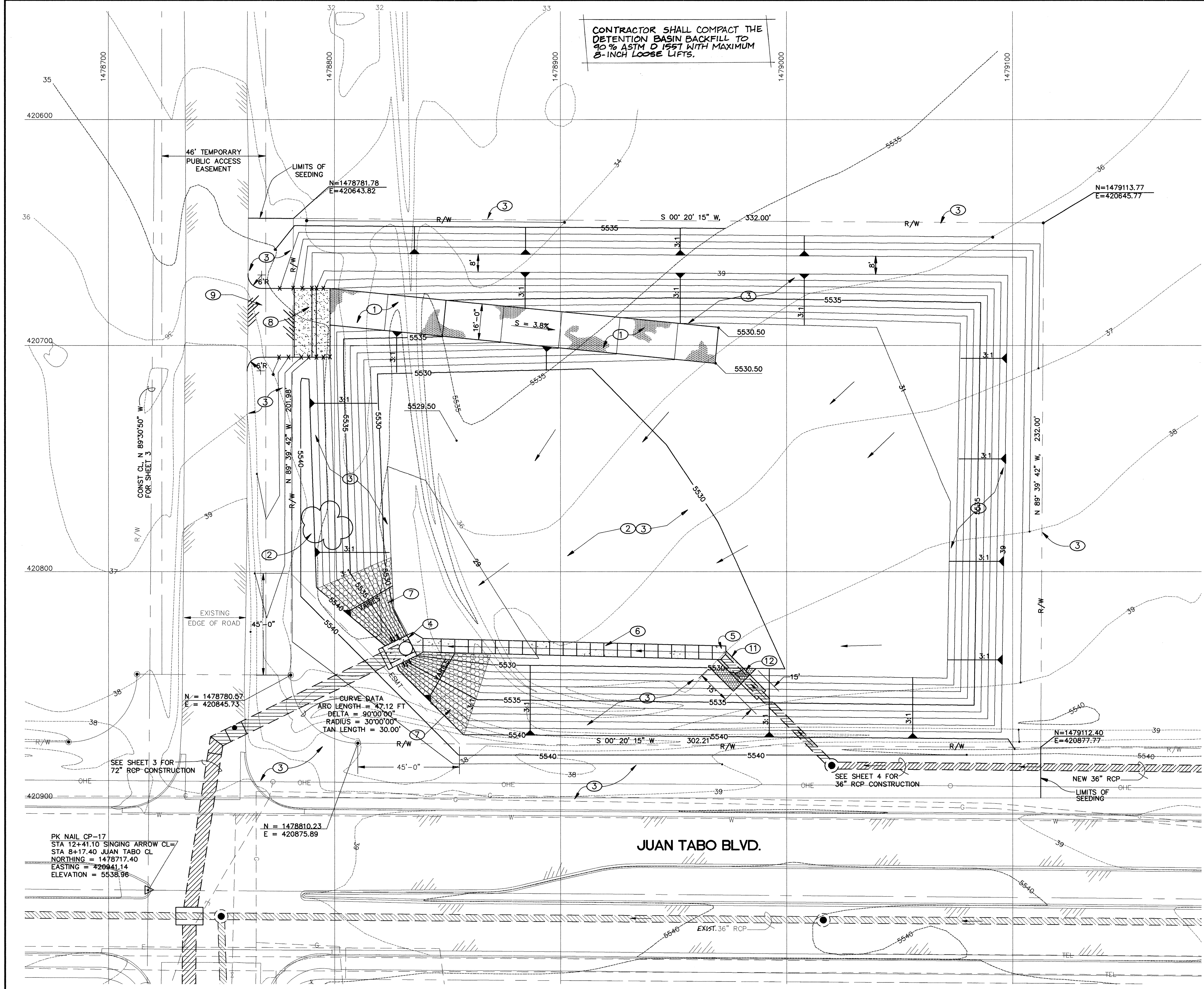
195106-SE1  
Smith Engineering Company  
A Full Service Engineering Company  
6400 Uptown Boulevard, N.E. Suite 5005 Albuquerque, New Mexico 87110

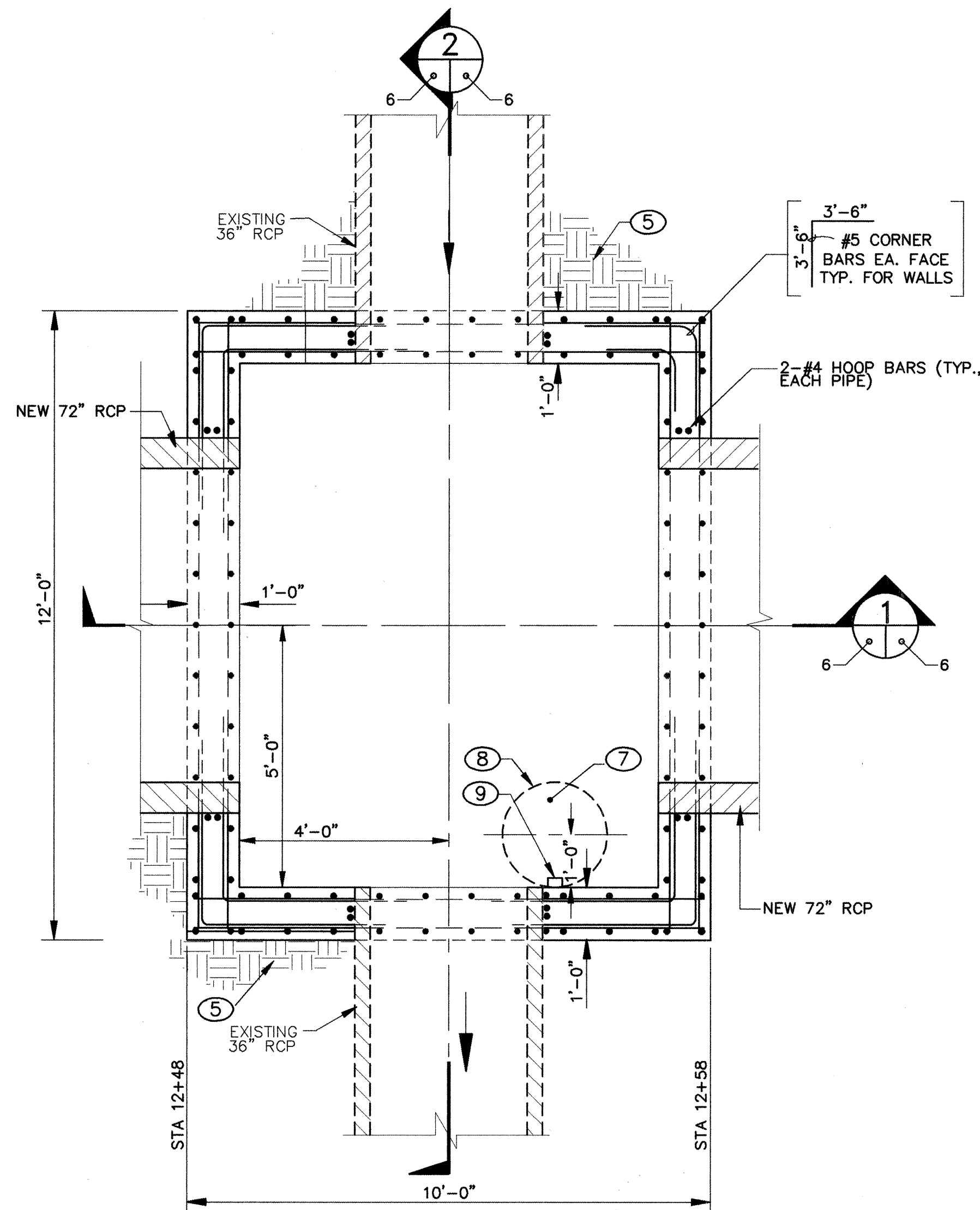
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: JUAN TABO DETENTION BASIN  
JUAN TABO DETENTION BASIN PLAN

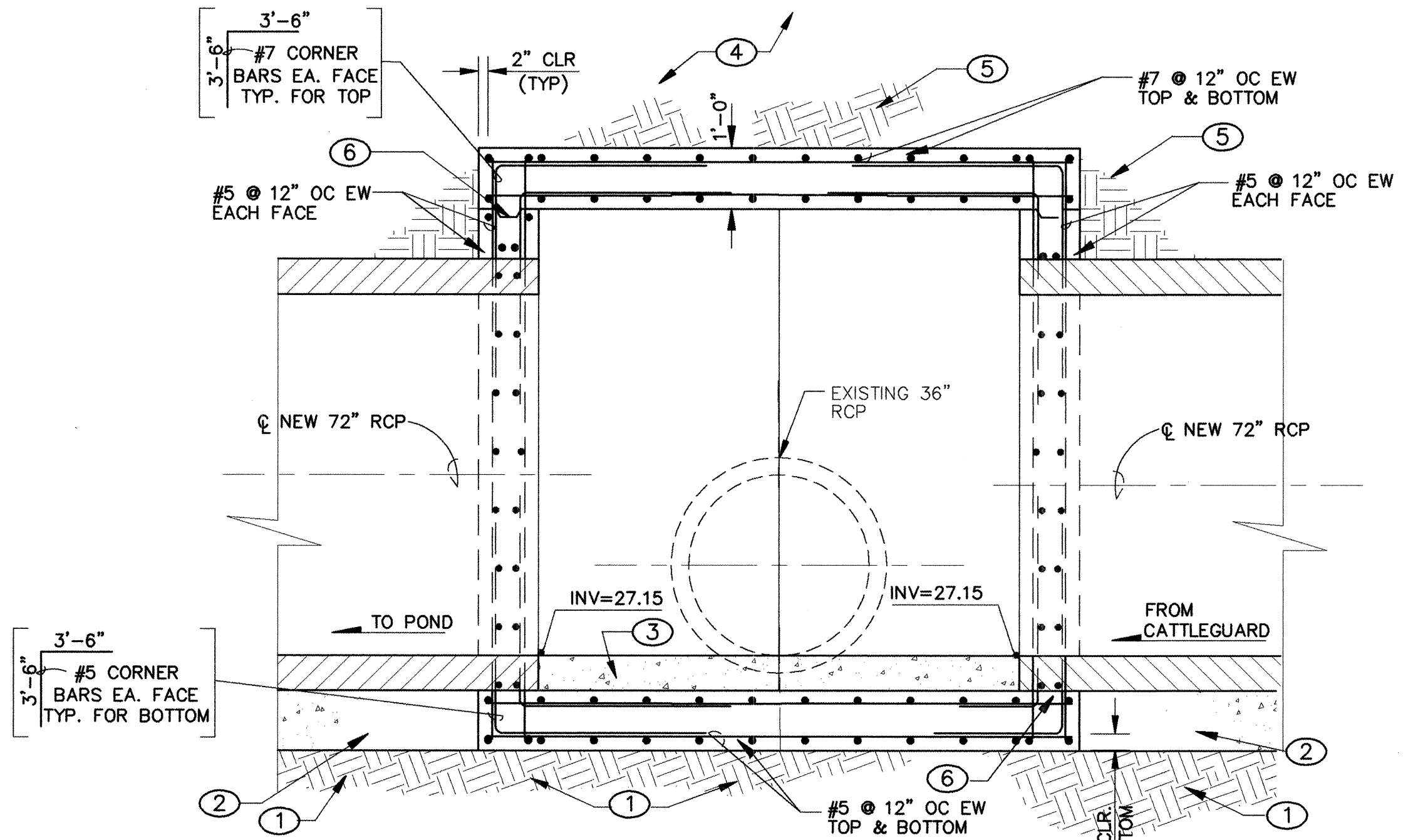
APPROVED SEP 16 1996  
DESIGN REVIEW COMMITTEE  
APPROVED SEP 16 1996  
CITY ENGINEER

City Project No. 4790.92 Zone Map No. L-21 Sheet 5 of 29

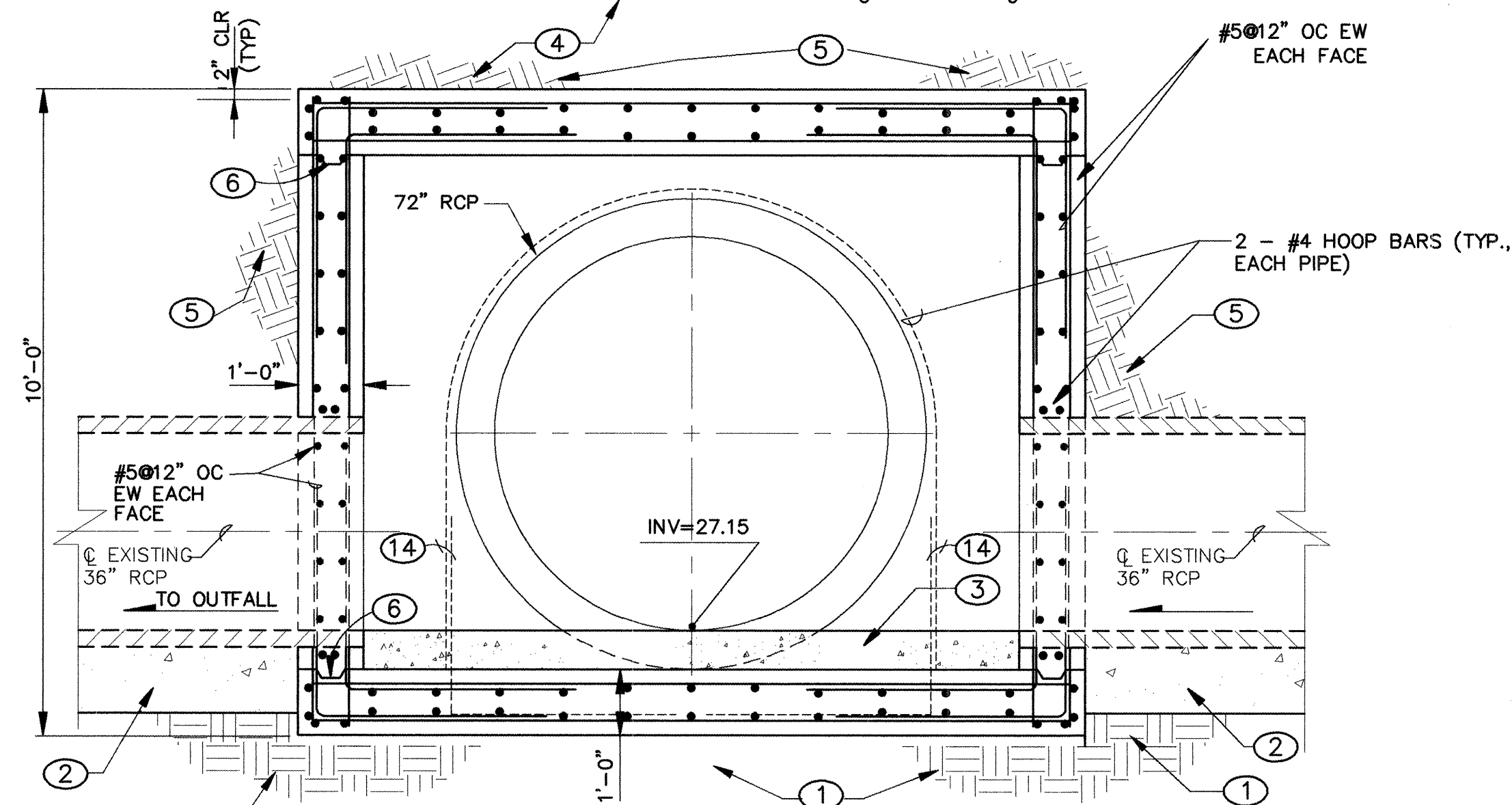




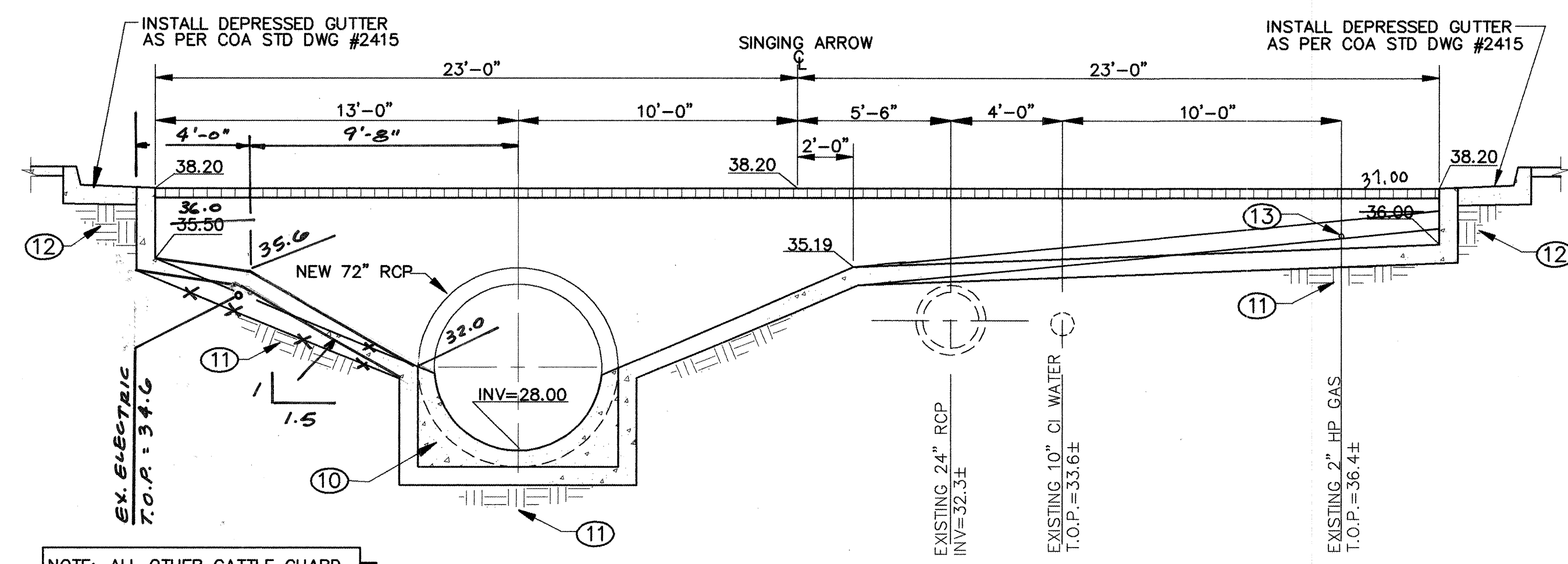
**JUNCTION BOX PLAN VIEW**  
SCALE 1/2" = 1'-0"



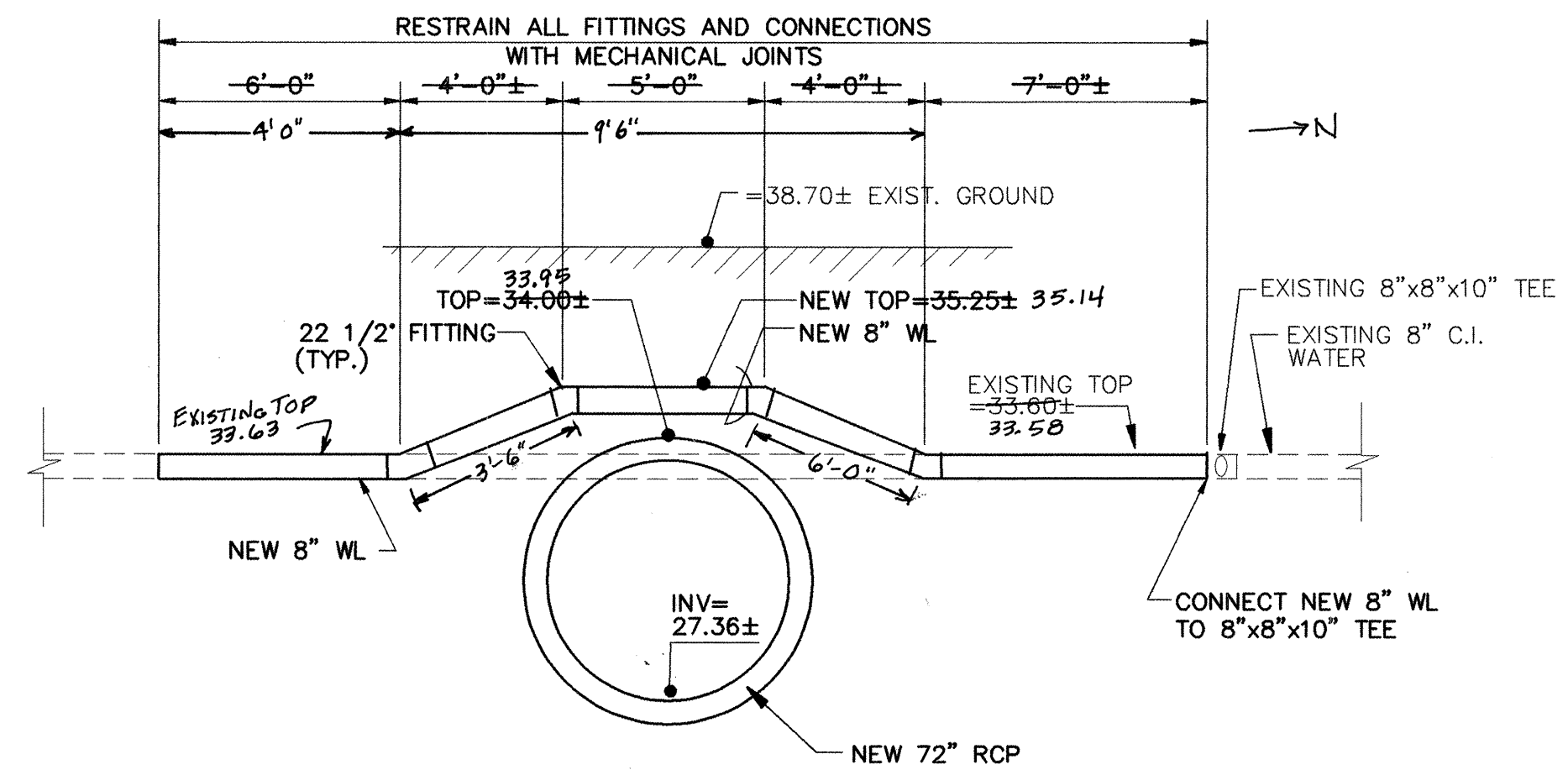
**JUNCTION BOX SECTION 1**  
SCALE 1/2" = 1'-0"



**JUNCTION BOX SECTION 2**  
SCALE 1/2" = 1'-0"



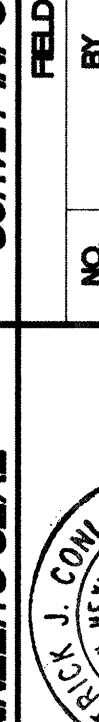
**CATTLE GUARD DETAIL**  
SCALE 1/4" = 1'-0"  
(LOOKING WEST)



**8-INCH WATERLINE REPLACEMENT**  
SCALE 1/4" = 1'-0"

**KEYED NOTES:**

- 24-INCHES STRUCTURAL FILL COMPACTED TO 95% ASTM D-1557. COMPACT 12-INCHES SUBGRADE UNDER FILL TO 90% ASTM D-1557.
- PIPE SUPPORT PER NOTE "A", COA STD DWG 2101. MINIMUM LENGTH TO BE 4-FEET.
- CONCRETE SHAPING PER NOTE "M", COA STD DWG 2101.
- SEE PLAN AND PROFILE SHEETS FOR FINISH GRADE ELEVATION ABOVE J-BOX.
- BACKFILL COMPACTED PER COA STD SPECIFICATIONS.
- 2" x 4" KEYED CONSTRUCTION JOINT, TYPICAL.
- INSTALL MANHOLE RISER ON J-BOX PER COA STD. DWG. 2101 FOR TYPE "C" MANHOLE.
- 24-INCH DIAMETER FORMED OPENING IN TOP OF J-BOX.
- MANHOLE STEPS PER NOTE "R" ON COA STD DWG 2101.
- CONCRETE FILL PER NOTE "M" COA STD DWG 2101.
- COMPACTED SUBGRADE PER COA DETAIL.
- COMPACTED BACKFILL PER COA DETAIL.
- COORDINATE WITH THE GAS COMPANY OF NEW MEXICO FOR RELOCATION OF EXISTING 2-INCH HP GAS.
- TIE #4 CORNER BAR, 3'-0"x3'-0" ON EACH HOOP BAR AROUND THE NEW 72" RCP.

|  |  |  |  |  |  |  |  |                                                                                      |  |             |  |               |  |                    |  |                                                              |  |                        |  |
|--|--|--|--|--|--|--|--|--------------------------------------------------------------------------------------|--|-------------|--|---------------|--|--------------------|--|--------------------------------------------------------------|--|------------------------|--|
|  |  |  |  |  |  |  |  | ENGINEER'S SEAL                                                                      |  |             |  |               |  | SURVEY INFORMATION |  | BENCH MARKS                                                  |  | AS BUILT INFORMATION   |  |
|  |  |  |  |  |  |  |  |  |  | FIELD NOTES |  |               |  |                    |  |                                                              |  |                        |  |
|  |  |  |  |  |  |  |  |                                                                                      |  | NO.         |  | BY            |  | DATE               |  | C.O.A. BENCHMARK "1+121(R)" ON CENTRAL AVE.                  |  | CONTRACTOR             |  |
|  |  |  |  |  |  |  |  |                                                                                      |  | 11599       |  | STEPHEN JAMES |  | 1/96               |  | MEDIAN WEST OF CENTRAL AVE. AND JUAN TABO BLVD INTERSECTION. |  | WORK STAKED BY         |  |
|  |  |  |  |  |  |  |  |                                                                                      |  |             |  | TOLER         |  |                    |  | ELEV = 5534.627 FT                                           |  | ACCEPTANCE BY          |  |
|  |  |  |  |  |  |  |  |                                                                                      |  |             |  |               |  |                    |  | GROUND COORDINATES: NORTING = 1481380.42                     |  | FIELD VERIFICATION BY  |  |
|  |  |  |  |  |  |  |  |                                                                                      |  |             |  | SURVEYING     |  |                    |  | GROUND COORDINATES: NORTING = 1480854.31                     |  | DRAWN BY               |  |
|  |  |  |  |  |  |  |  |                                                                                      |  |             |  | CONTROL, INC. |  |                    |  | EASTING = 420742.99                                          |  | REVISIONS              |  |
|  |  |  |  |  |  |  |  |                                                                                      |  |             |  |               |  |                    |  | EASTING = 420742.99                                          |  | CORRECTED BY           |  |
|  |  |  |  |  |  |  |  |                                                                                      |  |             |  |               |  |                    |  | GROUND TO GRID FACTOR = 0.999644849                          |  | MICRO-FILM INFORMATION |  |
|  |  |  |  |  |  |  |  |                                                                                      |  |             |  |               |  |                    |  |                                                              |  | RECORDED BY            |  |
|  |  |  |  |  |  |  |  |                                                                                      |  |             |  |               |  |                    |  |                                                              |  | NO.                    |  |

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Smith Engineering Company  
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6400 Uptown Boulevard, N.E. Suite 500E Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: JUAN TABO DETENTION BASIN  
DRAINAGE DETAILS

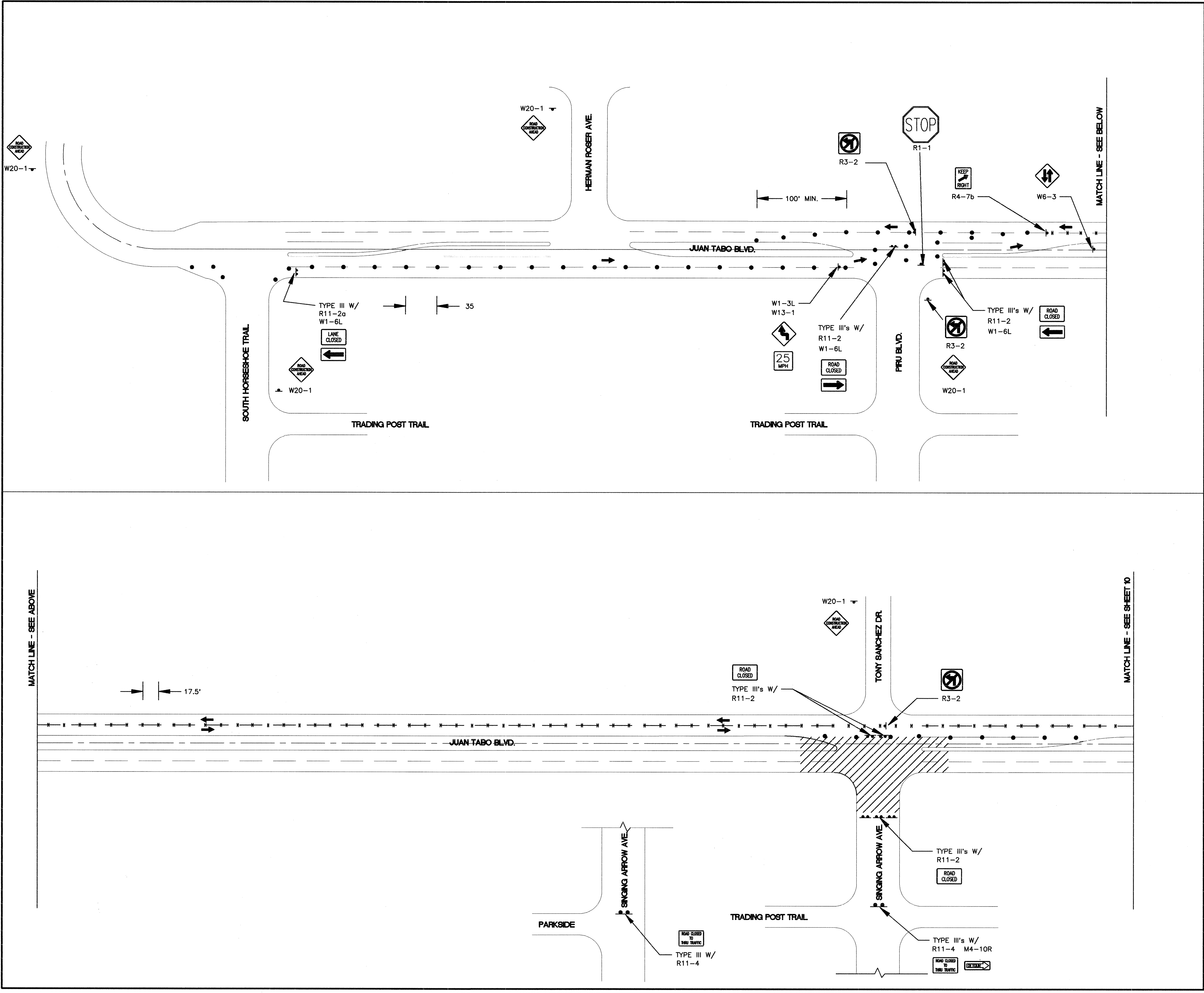
DESIGN REVIEW COMMITTEE  
SEP 16 1996  
CITY ENGINEER  
SEP 16 1996

City Project No. 4790.92  
Zone Map No. L-21  
Sheet 6 of 29



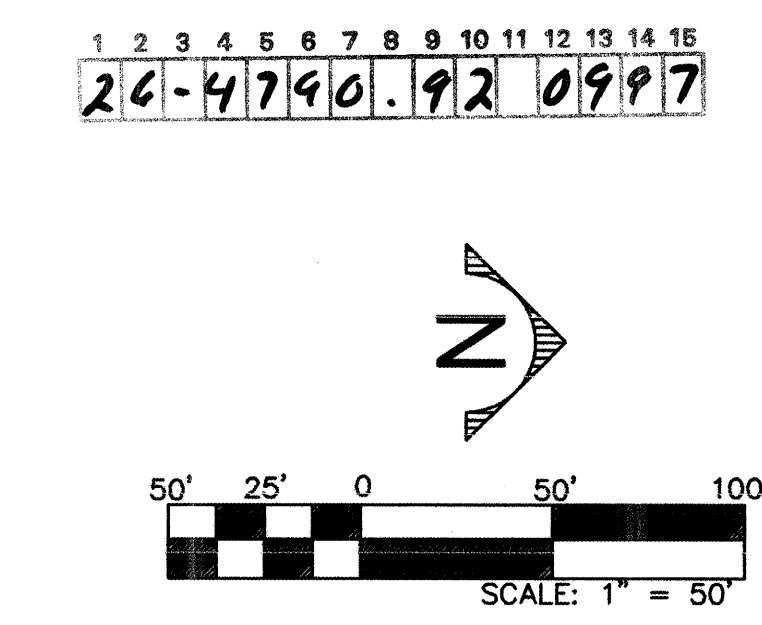


Drawing notes: C:\BA\PROJECTS\JUAN TABO\JUAN TABO\_I.DWG  
Plotted on: August 9, 1996 at 7:02 AM  
This is plot # 2



**LEGEND**

- INDICATES DIRECTION OF TRAFFIC FLOW
- FLAGMAN
- CHANNELIZATION DEVICE - BARREL OR DRUM TYPE
- ▽ SIGN
- VERTICAL PANEL
- ▼ BARRICADE-TYPE 3
- L = DISTANCE BETWEEN ADVANCE WARNING SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO TEN TIMES THE SPEED LIMIT.
- S = SPACING BETWEEN BARRICADES - MAXIMUM SPACING TO BE A VALUE MEASURED IN FEET EQUAL TO THE SPEED LIMIT.



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6400 Uptown Boulevard, N.E. Suite 5008 Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: JUAN TABO DETENTION BASIN  
TRAFFIC CONTROL PLAN: PHASE I

DESIGN REVIEW COMMITTEE  
APPROVED SEP 16 1996  
CITY ENGINEER  
APPROVED SEP 16 1996  
Last Design Update

City Project No. 4790.92  
Zone Map No. L-21  
Sheet 9 of 29

| AS BUILT INFORMATION      |      | BENCH MARKS                                    |      | SURVEY INFORMATION |      | ENGINEER'S SEAL |  | REVISIONS |  | DESIGN |  |
|---------------------------|------|------------------------------------------------|------|--------------------|------|-----------------|--|-----------|--|--------|--|
| CONTRACTOR                | DATE | C.O.A. BENCHMARK "1"-L21(R)" ON CENTRAL AVE.   | DATE | FIELD NOTES        | DATE |                 |  |           |  |        |  |
| WORK STARTED BY           | DATE | MEDIAN WEST OF CENTRAL AVE. AND JUAN TABO BLVD | DATE | BY                 | DATE |                 |  |           |  |        |  |
| INSPECTOR'S ACCEPTANCE BY | DATE | INTERSECTION.                                  | DATE | STEPHEN JAMES      | 1/96 |                 |  |           |  |        |  |
| FIELD DRAWING BY          | DATE | ELEV = 5534.627 FT                             | DATE | TOLER              |      |                 |  |           |  |        |  |
| DRAWINGS CORRECTED BY     | DATE | GROUND COORDINATES: NORTHING = 1481380.42      | DATE | FROM SURVEYING     |      |                 |  |           |  |        |  |
| MICRO-FILM INFORMATION    |      | EASTING = 420892.47                            | DATE | CONTROL INC.       |      |                 |  |           |  |        |  |
| RECORDED BY               | DATE | GRID COORDINATES: NORTHING = 1480854.31        | DATE |                    |      |                 |  |           |  |        |  |
| NO.                       |      | EASTING = 420742.99                            | DATE |                    |      |                 |  |           |  |        |  |
|                           |      | GROUND TO GRID FACTOR = 0.999644849            | DATE |                    |      |                 |  |           |  |        |  |

21

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Sheet Of

PHASE I

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ATTACH LINE - SEE BELOW

|                                                                                     |                                             |
|-------------------------------------------------------------------------------------|---------------------------------------------|
|  | INDICATES DIRECTION OF TRAFFIC FLOW         |
|  | FLAGMAN                                     |
|  | CHANNELIZATION DEVICE - BARREL OR DRUM TYPE |
|  | SIGN                                        |
|  | VERTICAL PANEL                              |
|  | BARRICADE-TYPE 3                            |



195106-SF1

TITLE: JUAN TABO DETENTION BASIN  
TRAFFIC CONTROL PLAN: PHASE I

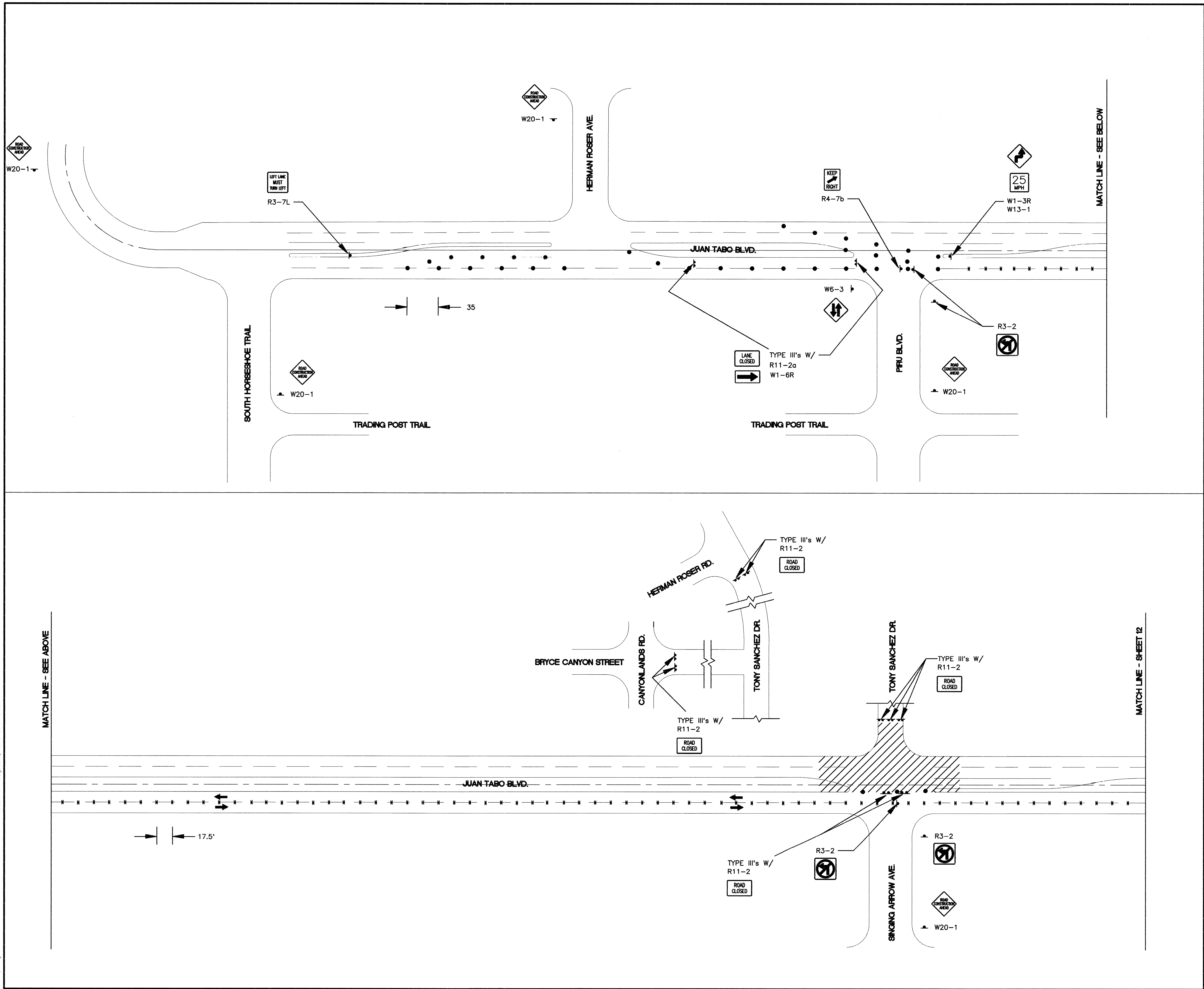
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| Last Design Update | Mo. / Day / Yr. | Mo. / Day / Yr. |
|                    |                 |                 |
|                    |                 |                 |
|                    |                 |                 |
|                    |                 |                 |
|                    |                 |                 |

| SURVEY INFORMATION |                |      | FIELD NOTES |  |
|--------------------|----------------|------|-------------|--|
| NO.                | BY             | DATE |             |  |
| 1599               | STEPHEN JAMES  | 1/96 |             |  |
|                    | TOLER          |      |             |  |
|                    |                |      |             |  |
|                    | FROM SURVEYING |      |             |  |
|                    | CONTROL INC.   |      |             |  |
|                    |                |      |             |  |

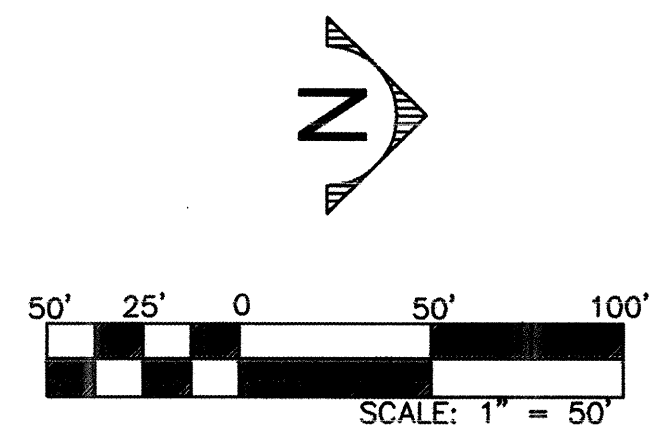
| BENCH MARKS                                                                                                    |                                              |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| C.O.A. BENCHMARK "1-L21(8)" ON CENTRAL AVE.<br>MEDIAN WEST OF CENTRAL AVE. AND JUAN TABO BLVD<br>INTERSECTION. | ELEV = 5534.627 FT                           |
| GROUND COORDINATES:                                                                                            | NORTHING = 1481380.42<br>EASTING = 420892.47 |
| GRID COORDINATES:                                                                                              | NORTHING = 1480854.31<br>EASTING = 420742.99 |

|                        |                         |      |  |
|------------------------|-------------------------|------|--|
| AS BUILT INFORMATION   |                         | DATE |  |
| CONTRACTOR             | <i>Envi</i>             | DATE |  |
| WORK                   | <i>CEA / C&amp;I</i>    | DATE |  |
| INSPECTOR'S ACCEPTANCE | BY <i>CEA / EDP</i>     | DATE |  |
| FIELD VERIFICATION     | BY <i>CEA / C&amp;I</i> | DATE |  |
| DRAWINGS CORRECTED BY  | <i>SEC</i>              | DATE |  |
| MICRO-FILM INFORMATION |                         | DATE |  |
| RECORDED BY            |                         |      |  |
| NO.                    |                         |      |  |

Drawing name: C:\BAC\PROJECTS\JUAN TABO\JUANL2.DWG  
Plotted on: August 9, 1996 at 7:19 AM  
This is plot # 4



- LEGEND
- INDICATES DIRECTION OF TRAFFIC FLOW
  - FLAGMAN
  - CHANNELIZATION DEVICE - BARREL OR DRUM TYPE
  - ⋈ SIGN
  - ⋈ VERTICAL PANEL
  - ⋈ BARRICADE-TYPE 3
  - L = DISTANCE BETWEEN ADVANCE WARNING SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO TEN TIMES THE SPEED LIMIT.
  - S = SPACING BETWEEN BARRICADES - MAXIMUM SPACING TO BE A VALUE MEASURED IN FEET EQUAL TO THE SPEED LIMIT.



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**Smith Engineering Company**  
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CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

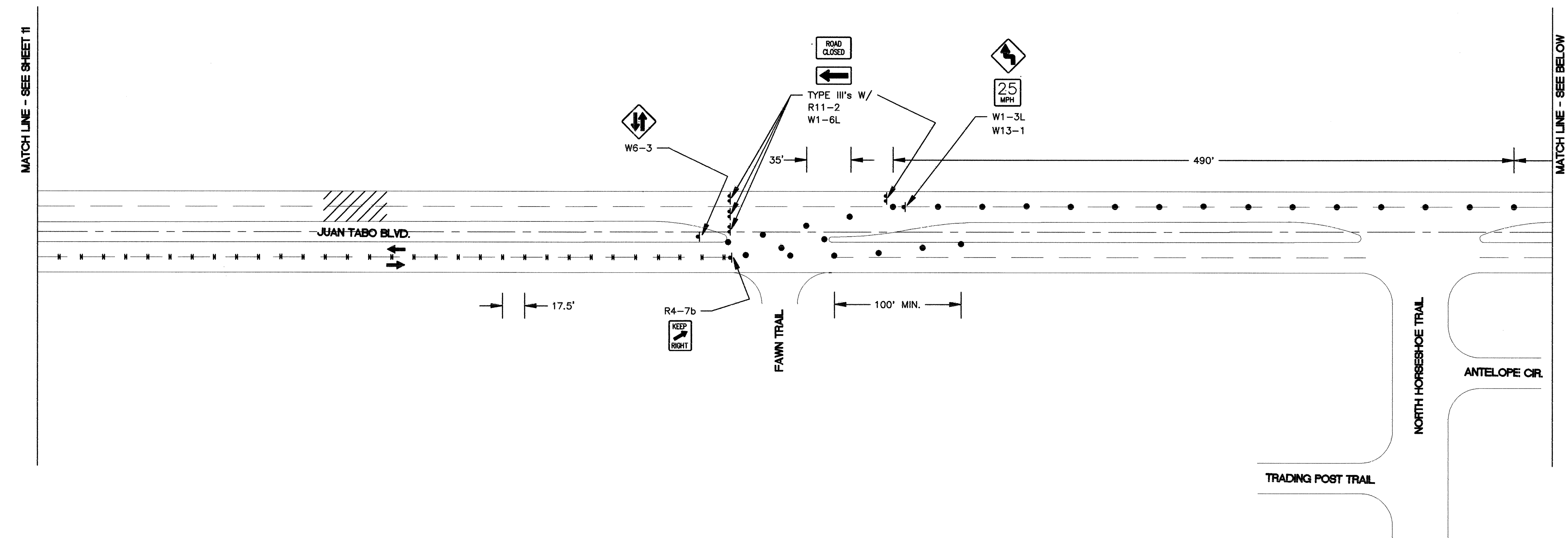
TITLE: JUAN TABO DETENTION BASIN  
TRAFFIC CONTROL PLAN: PHASE II

Design Review Committee  
**APPROVED**  
SEP 16 1996  
DESIGN REVIEW COMMITTEE

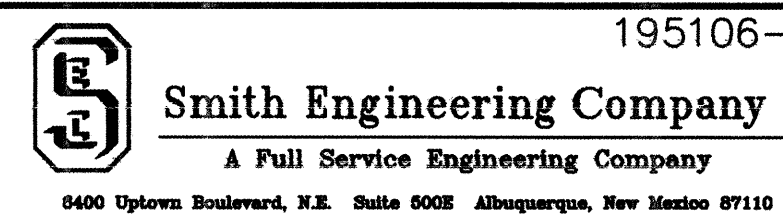
City Engineer Approval  
**APPROVED**  
SEP 16 1996  
CITY ENGINEER

City Project No. **4790.92** Zone Map No. **L-21** Sheet **11** Of **29**

|                 |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|--|--|--|--|
| PHASE II        |  |  |  |  |  |  |  |  |  | GROUP           |  |  |  |  |  |  |  |  |  |
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|  | INDICATES DIRECTION OF TRAFFIC FLOW         |
|  | FLAGMAN                                     |
|  | CHANNELIZATION DEVICE - BARREL OR DRUM TYPE |
|  | SIGN                                        |
|  | VERTICAL PANEL                              |
|  | BARRICADE-TYPE 3                            |



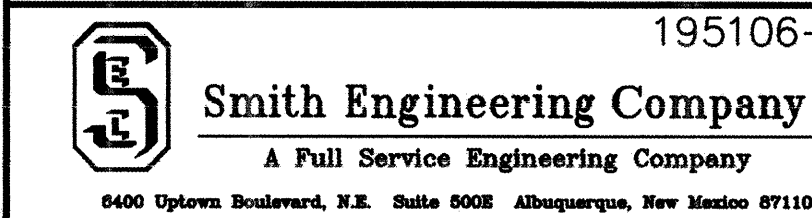
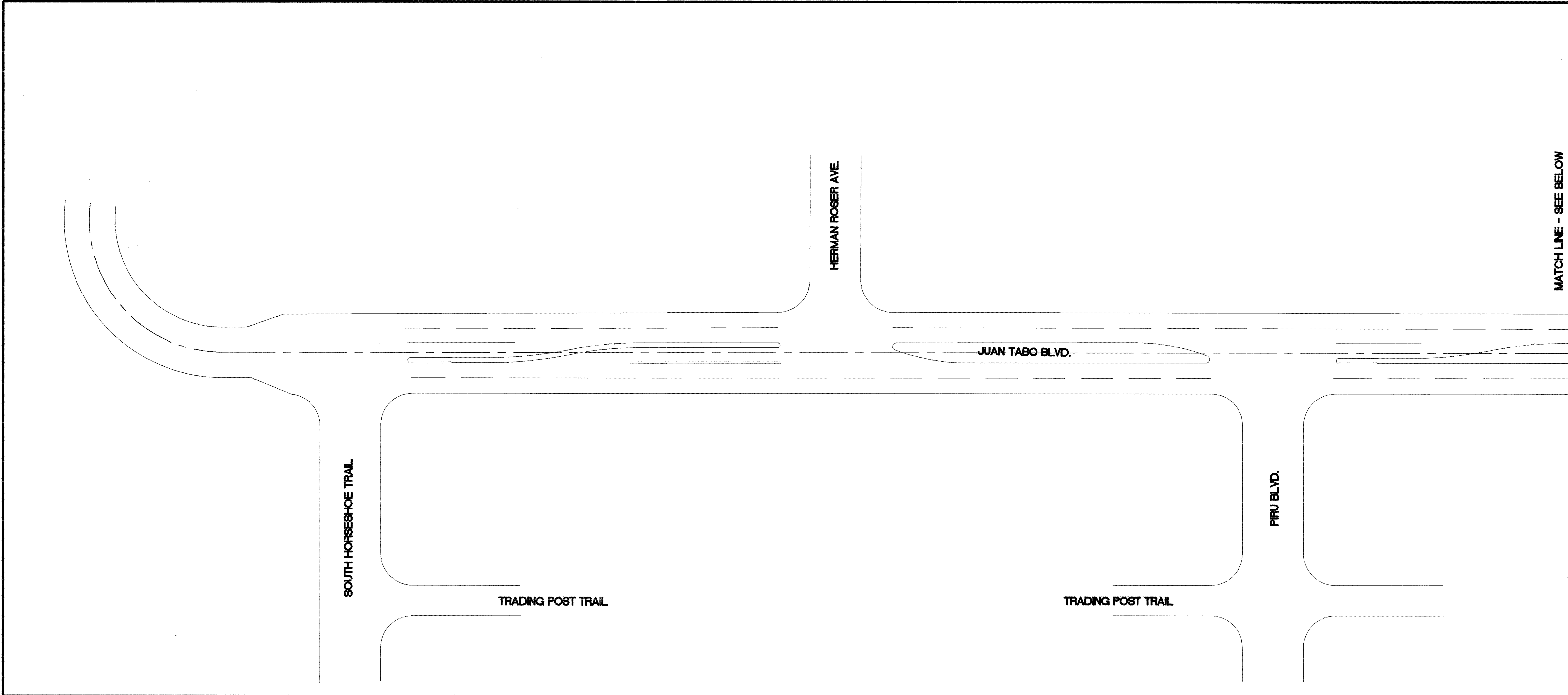
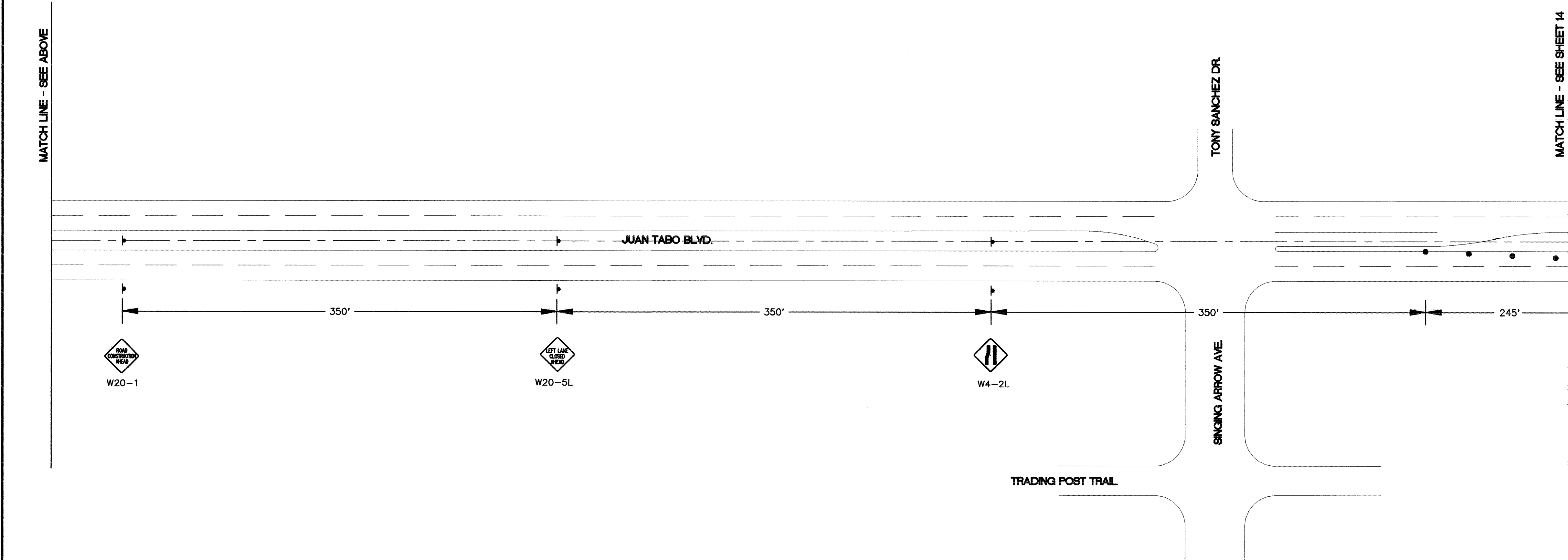
TITLE: JUAN TABO DETENTION BASIN  
TRAFFIC CONTROL PLAN: PHASE II

|                                                                                         |  |                                                                              |  |                                       |                                    |                                    |
|-----------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|--|---------------------------------------|------------------------------------|------------------------------------|
| Design Review Committee<br><b>APPROVE</b><br><br>SEP 16 1996<br>DESIGN REVIEW COMMITTEE |  | City Engineer Approval<br><b>APPROVE</b><br><br>SEP 16 1996<br>CITY ENGINEER |  | Last Design Update<br><br><div></div> | Mo. / Day / Yr.<br><br><div></div> | Mo. / Day / Yr.<br><br><div></div> |
| City Project No.                                                                        |  | Zone Map No.<br>4790.92 - 21                                                 |  | Sheet                                 | Of                                 | 29                                 |

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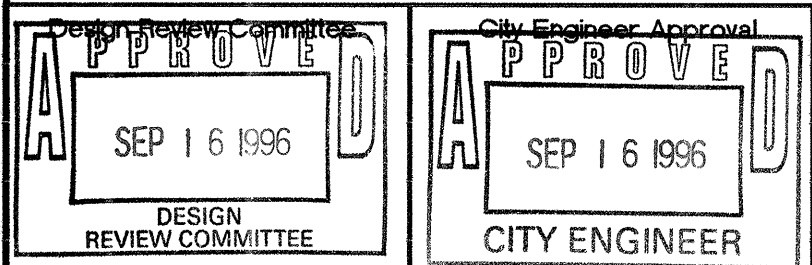
Drawing name: C:\PROJECTS\JUAN TABO\JUAN1.DWG  
Drawing Date: 8/1/96 at 10:14 AM  
This is Plot # 2

Plotted on: August 9, 1996 at 7:21 AM

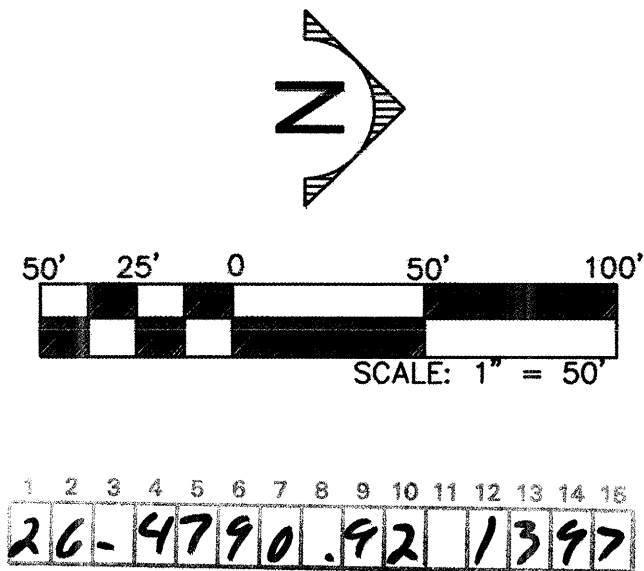


CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: JUAN TABO DETENTION BASIN  
TRAFFIC CONTROL PLAN: PHASE III

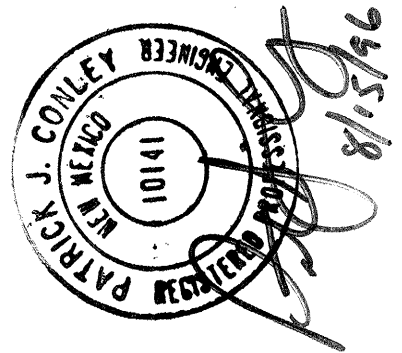


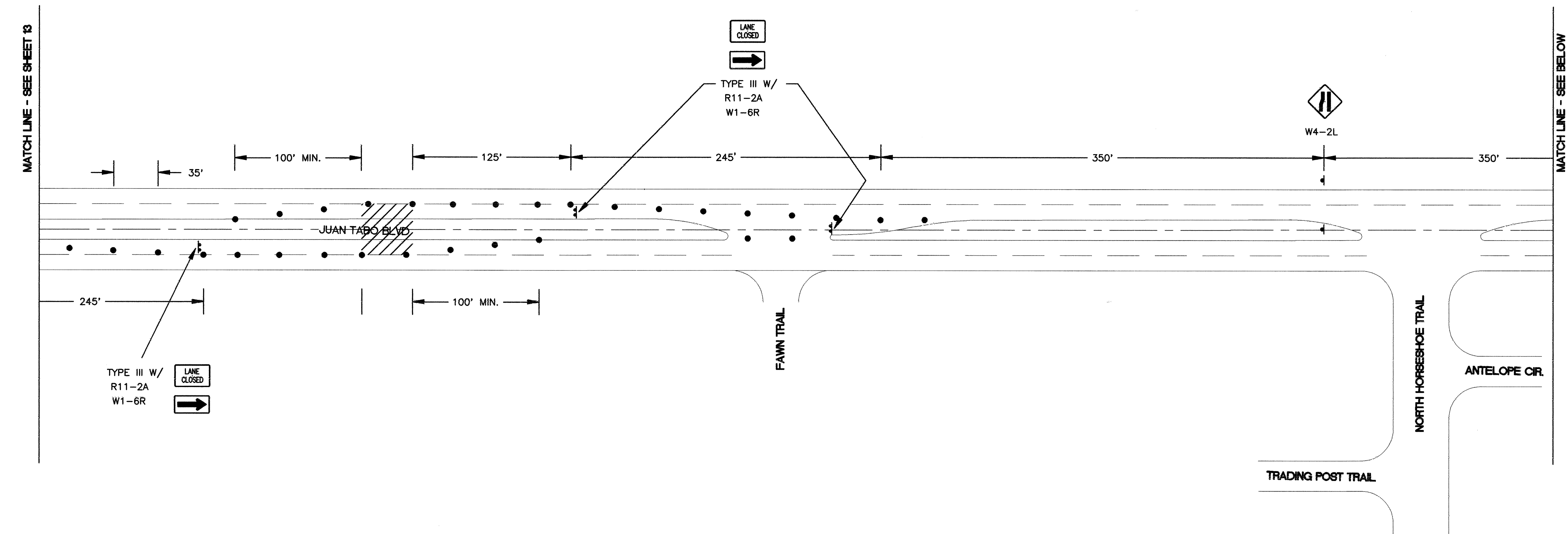
City Project No. 4790.92 Zone Map No. L-21 Sheet 13 of 29



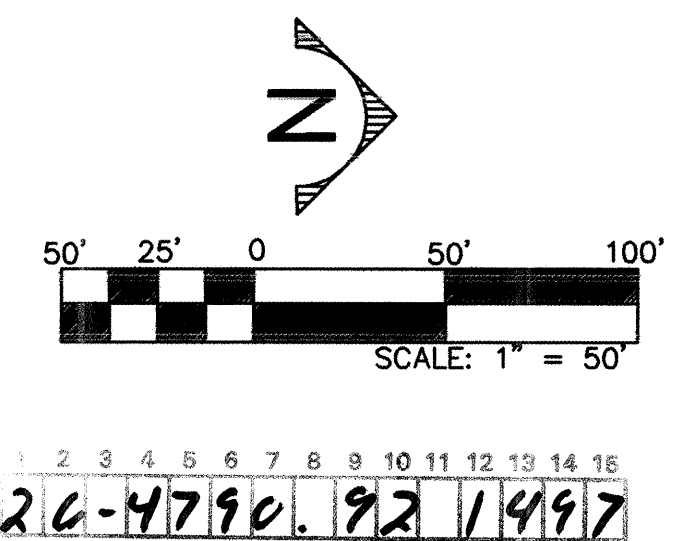
- LEGEND
- INDICATES DIRECTION OF TRAFFIC FLOW
  - FLAGMAN
  - CHANNELIZATION DEVICE - BARREL OR DRUM TYPE
  - ▽ SIGN
  - VERTICAL PANEL
  - ▼ BARRICADE-TYPE 3
  - L = DISTANCE BETWEEN ADVANCE WARNING SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO TEN TIMES THE SPEED LIMIT.
  - S = SPACING BETWEEN BARRICADES - MAXIMUM SPACING TO BE A VALUE MEASURED IN FEET EQUAL TO THE SPEED LIMIT.

| SURVEY INFORMATION |                     |      |             | BENCH MARKS                                                  |                            | AS BUILT INFORMATION  |         |
|--------------------|---------------------|------|-------------|--------------------------------------------------------------|----------------------------|-----------------------|---------|
| NO.                | BY                  | DATE | FIELD NOTES | C.O.A. BENCHMARK                                             | "1"-121(8)" ON CENTRAL AVE | CONTRACTOR            | 2461    |
| 11598              | STEPHEN JAMES TOLER | 1/96 |             | MEDIAN WEST OF CENTRAL AVE. AND JUAN TABO BLVD INTERSECTION. |                            | WORK STARTED BY       | COB/LEH |
|                    |                     |      |             | ELEV = 5534.627 FT                                           |                            | WORK STOPPED BY       | COB/LEH |
|                    |                     |      |             | GROUND COORDINATES: NORTHING = 1481380.42                    |                            | FIELD ACCEPTANCE BY   | COB/LEH |
|                    |                     |      |             | EASTING = 420892.47                                          |                            | FIELD DRAWING BY      | COB/LEH |
|                    |                     |      |             | GRID COORDINATES: NORTHING = 1480854.31                      |                            | DRAWINGS CORRECTED BY | LEH     |
|                    |                     |      |             | EASTING = 420742.99                                          |                            | RECORDED BY           |         |
|                    |                     |      |             | GROUND TO GRID FACTOR = 0.999644849                          |                            | NO.                   |         |





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|  | INDICATES DIRECTION OF TRAFFIC FLOW         |
|  | FLAGMAN                                     |
|  | CHANNELIZATION DEVICE - BARREL OR DRUM TYPE |
|  | SIGN                                        |
|  | VERTICAL PANEL                              |
|  | BARRICADE--TYPE 3                           |



195106-SE1

TITLE: JUAN TABO DETENTION BASIN  
TRAFFIC CONTROL PLAN: PHASE III

| Design Review Committee                            | City Engineer Approval                   |                    | Mo. / Day / Yr. | Mo. / Day / Yr. |
|----------------------------------------------------|------------------------------------------|--------------------|-----------------|-----------------|
| APPROVED<br>SEP 16 1996<br>DESIGN REVIEW COMMITTEE | APPROVED<br>SEP 16 1996<br>CITY ENGINEER | Last Design Update |                 |                 |
|                                                    |                                          |                    |                 |                 |
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| City Project No. | 4790.92 | Zone Map No. | -21 | Sheet | 14 | Of | 29 |
|------------------|---------|--------------|-----|-------|----|----|----|

| ENGINEER'S SEAL |  | SURVEY INFORMATION |               | BENCH MARKS                                  |                                         | AS BUILT INFORMATION   |      |
|-----------------|--|--------------------|---------------|----------------------------------------------|-----------------------------------------|------------------------|------|
|                 |  | FIELD NOTES        |               | C.O.A. BENCHMARK, "1-121(8)" ON CENTRAL AVE. |                                         | CONTRACTOR             |      |
|                 |  | NO.                | BY            | DATE                                         | INTERSECTION                            | WORK STAKED BY         | DATE |
|                 |  | 11599              | STEPHEN JAMES | 1/96                                         |                                         | ACCEPTANCE BY          | DATE |
|                 |  |                    | TOLER         |                                              |                                         | FIELD DRAWN BY         | DATE |
|                 |  |                    |               |                                              |                                         | REMARKS CORRECTED BY   | DATE |
|                 |  | FROM SURVEYING     |               | GROUND COORDINATES: NORTHING = 1481380.42    |                                         | MICRO-FILM INFORMATION |      |
|                 |  | CONTROL INC.       |               | EASTING = 420892.47                          |                                         | RECORDED BY            |      |
|                 |  |                    |               |                                              | GRID COORDINATES: NORTHING = 1480854.31 | NO.                    |      |
|                 |  |                    |               |                                              | EASTING = 420742.99                     |                        |      |
|                 |  |                    |               |                                              | GROUND TO GRID FACTOR = 0.999644849     |                        |      |

DESIGNED BY JCS DATE 5/96

DRAWN BY ALM/JCS DATE 5/96

CHECKED BY PJC DATE 6/96