

# IN THE TOWN OF APPLE VALLEY

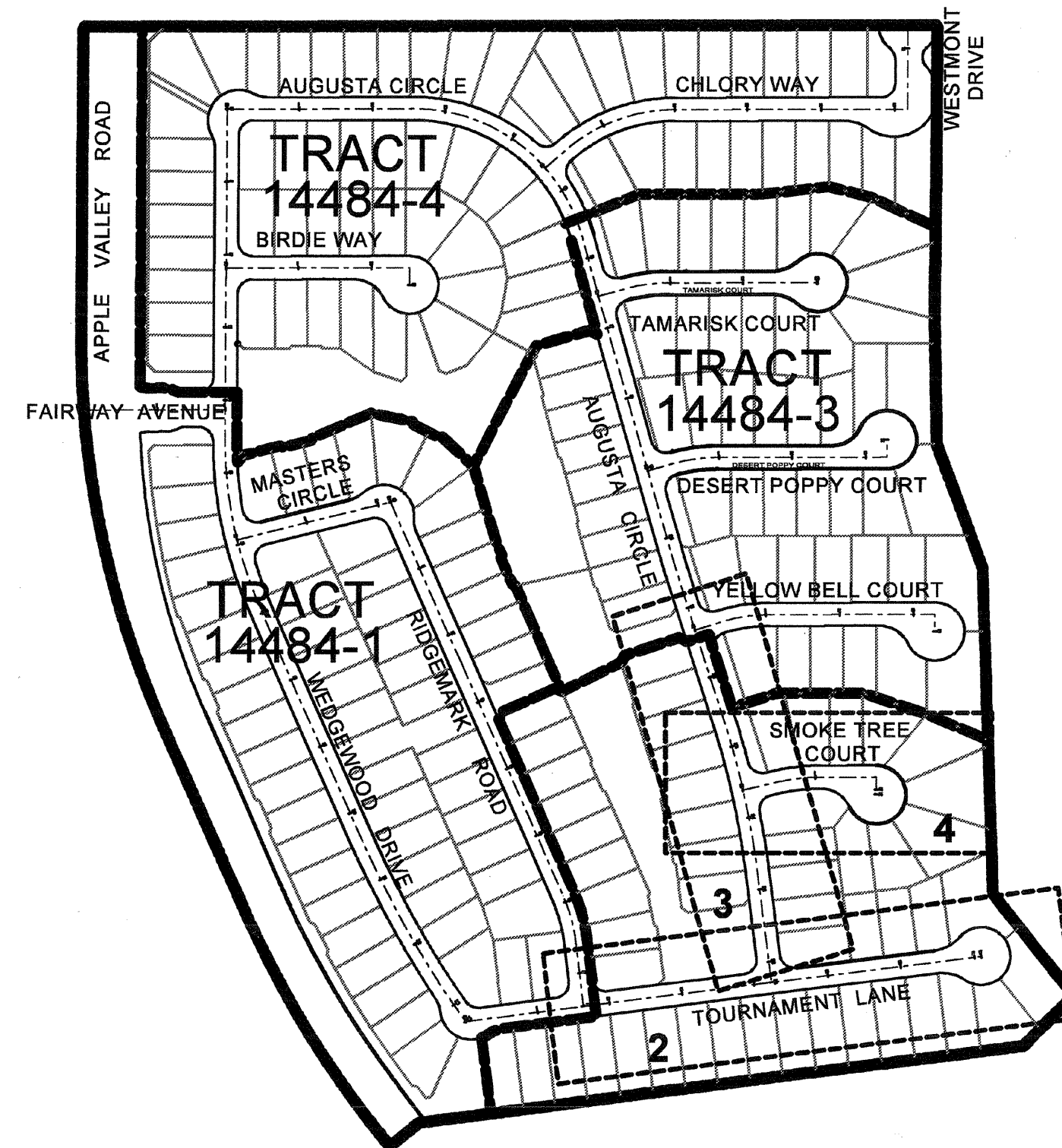
## STREET IMPROVEMENT PLANS

### TRACT 14484-2

#### TOURNAMENT LANE, SMOKE TREE COURT AND AUGUSTA CIRCLE

#### GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THIS PLAN AND THE SAN BERNARDINO COUNTY STANDARDS AND SPECIFICATIONS.
  2. BENCH MARK DATA - U.S.C. & G.S. OR OTHER DATUM ACCEPTABLE TO THE TOWN OF APPLE VALLEY PUBLIC WORKS DEPARTMENT SHALL BE USED. THE BENCH MARK USED AS A BASIS SHALL BE IDENTIFIED.
  3. STREET MARKERS PER SAN BERNARDINO COUNTY STANDARD NO.303, 303A, AND 303B SHALL BE CONSTRUCTED AT EACH INTERSECTION.
  4. A PERMIT WILL BE REQUIRED FROM THE TOWN OF APPLE VALLEY PUBLIC WORKS DEPARTMENT PRIOR TO ANY ENCROACHMENT OR CONSTRUCTION WITHIN THE PUBLIC WORKS DEPARTMENT EASEMENTS OR RIGHTS-OF-WAY.
  5. IF ASPHALT CONCRETE IS TO BE PLACED DIRECTLY ON SUBGRADE OF ROAD OR DRAINAGE FACILITIES, A SOIL STERILANT REGISTERED BY THE E.P.A. FOR USE UNDER A.C. AND P.C.C. SHALL BE UNIFORMLY APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE FOR THE FULL PAVEMENT WIDTH PRIOR TO PAVING.
  6. AT THE COMPLETION OF ROUGH GRADING, A MATERIALS REPORT AND THE PROPOSED STRUCTURAL SECTIONS SHALL BE SUBMITTED BY THE ENGINEER TO THE TOWN OF APPLE VALLEY PUBLIC WORKS DEPARTMENT, PERMITS SECTION, FOR REVIEW AND EVALUATION BY THE PAVEMENT MANAGEMENT SECTION. THE SUBMITTAL SHALL INCLUDE A PLAT ANALYSIS AND SAND EQUIVALENT TEST RESULTS, A STATEMENT OF RECOMMENDED STRUCTURAL SECTION AND TEST DATA SHEETS FOR ALL R-VALUE TESTS PERFORMED, INCLUDING EXPANSION PRESSURE READINGS. APPROVAL WILL BE GIVEN WHEN ALL STRUCTURAL SECTION REQUIREMENTS HAVE BEEN MET.
  7. COMPACTION TESTS OF EMBANKMENT CONSTRUCTION, TRENCH BACKFILL, COMPACTING ORIGINAL GROUND, ALL SUB-GRADES SHALL BE PERFORMED AT NO COST TO THE TOWN OF APPLE VALLEY. A WRITTEN REPORT WITH THESE COMPACTION TESTS SHALL BE SUBMITTED TO THE TOWN OF APPLE VALLEY PUBLIC WORKS DEPARTMENT, FOR APPROVAL PRIOR TO PLACEMENT OF BASE MATERIALS AND/OR SURFACING.
  8. AT THE COMPLETION OF PAVING, A MATERIALS REPORT SHALL BE SUBMITTED TO THE TOWN OF APPLE VALLEY PUBLIC WORKS DEPARTMENT, LISTING ALL TESTS OR DETERMINATIONS COMPLETED TO VERIFY:
    - A. R-VALUE, SIEVE ANALYSIS AND SAND EQUIVALENT OF AGGREGATE BASES.
    - B. STABILITY, OIL CONTENT AND SIEVE ANALYSIS OF ASPHALT SURFACING.
  9. ALL LATERAL CUTS IN TOWN MAINTAINED ROADWAYS SHALL BE TESTED TO VERIFY DENSIFICATION TO 95% RELATIVE COMPACTION (R.C.) AT VARYING DEPTHS TO WITHIN 0.5' OF GRADING PLANE. THE TOP 0.5' SHALL BE DENSIFIED TO 95%.
  10. IMMEDIATELY FOLLOWING REMOVAL OF EXISTING PAVEMENT OR DIKE OR CURB AND/OR GUTTER, THE CONTRACTOR SHALL DILIGENTLY PURSUE THIS PORTION OF WORK UNTIL COMPLETION.
  11. AN ENCROACHMENT PERMIT MUST FIRST BE OBTAINED FROM THE TOWN OF APPLE VALLEY PUBLIC WORKS DEPARTMENT, PRIOR TO MAKING APPLICATION AND ISSUANCE OF A GRADING PERMIT OR BUILDING PERMIT.
  12. PUBLIC WORKS DEPARTMENT APPROVAL DOES NOT INCLUDE WATER OR SEWER SYSTEM OR ESTIMATE OF QUANTITIES.
  13. A PERMIT SHALL BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT PRIOR TO ANY CONSTRUCTION ON THIS PROJECT.
  14. EXPANSIVE SOILS: IN EXPANSIVE SOIL AREAS, THE SUBGRADE UNDER CURBS, GUTTERS, SIDEWALKS, AND DRIVEWAY APPROACHES SHALL BE SCARIFIED TO THE DEPTH OF AT LEAST EIGHT (8) INCHES AND MOISTURE SHALL BE APPLIED TO MAINTAIN FREE WATER ON THE SURFACE FOR AT LEAST 24 HOURS PRIOR TO PLACING CONCRETE AND THE SUBGRADE SHALL THEN BE PREPARED WITHOUT COMPACTIVE EFFORT.
  15. ALL PIPE LINES OR SUBSTRUCTURES OF ANY KIND, AND TELEPHONE OR POWER POLES, WATER METERS, VALVES, HYDRANTS, ETC., SHOWN OR NOT SHOWN ON THESE PLANS WITHIN THE LIMITS OF THIS DEVELOPMENT OR IN ADJACENT AREAS WHERE IMPROVEMENT WORK IS TO BE DONE SHALL BE REMOVED OR RELOCATED AT DEVELOPER'S EXPENSE, AND AT NO COST TO THE TOWN OF APPLE VALLEY PUBLIC WORKS DEPARTMENT. IT SHALL BE THE OWNER'S RESPONSIBILITY TO NOTIFY ALL AGENCIES CONCERNED.
  16. ALL C.S.P. INSTALLATIONS AND CONNECTIONS SHALL BE MADE PER MANUFACTURERS SUGGESTED METHOD UNLESS OTHERWISE SPECIFIED ON THE PLANS.
  17. CURB AND GUTTER, CROSS GUTTER AND SPANDRELS SHALL BE SO CONSTRUCTED THAT NO PONDING OCCURS; SECTIONS HAVING GRADIENTS OF 0.5% OR FLATTER SHALL BE WATER TESTED IN THE PRESENCE OF THE INSPECTOR IMMEDIATELY PRIOR TO ACCEPTANCE. SECTIONS WHICH HAVE WATER PONDING SHALL BE SAW-CUT AND REMOVED IN LENGTHS NOT LESS THAN 4' AND REPLACED TO ELIMINATE PONDING.
  18. IF DURING CONSTRUCTION, GROUND WATER IS ENCOUNTERED, A SYSTEM APPROVED BY THE PUBLIC WORKS DEPARTMENT SHALL BE INSTALLED TO Dewater SAID AREA AT THE DIRECTION OF THE SOILS ENGINEER.
  19. THE PRIVATE ENGINEER IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISE THE PLAN FOR APPROVAL BY THE TOWN OF APPLE VALLEY.
- NOTE:  
ALL STREET SUBGRADE SHALL BE COMPACTED  
TO 95% MIN. RELATIVE COMPACTION.



INDEX MAP

#### ENGINEERS NOTE TO CONTRACTOR

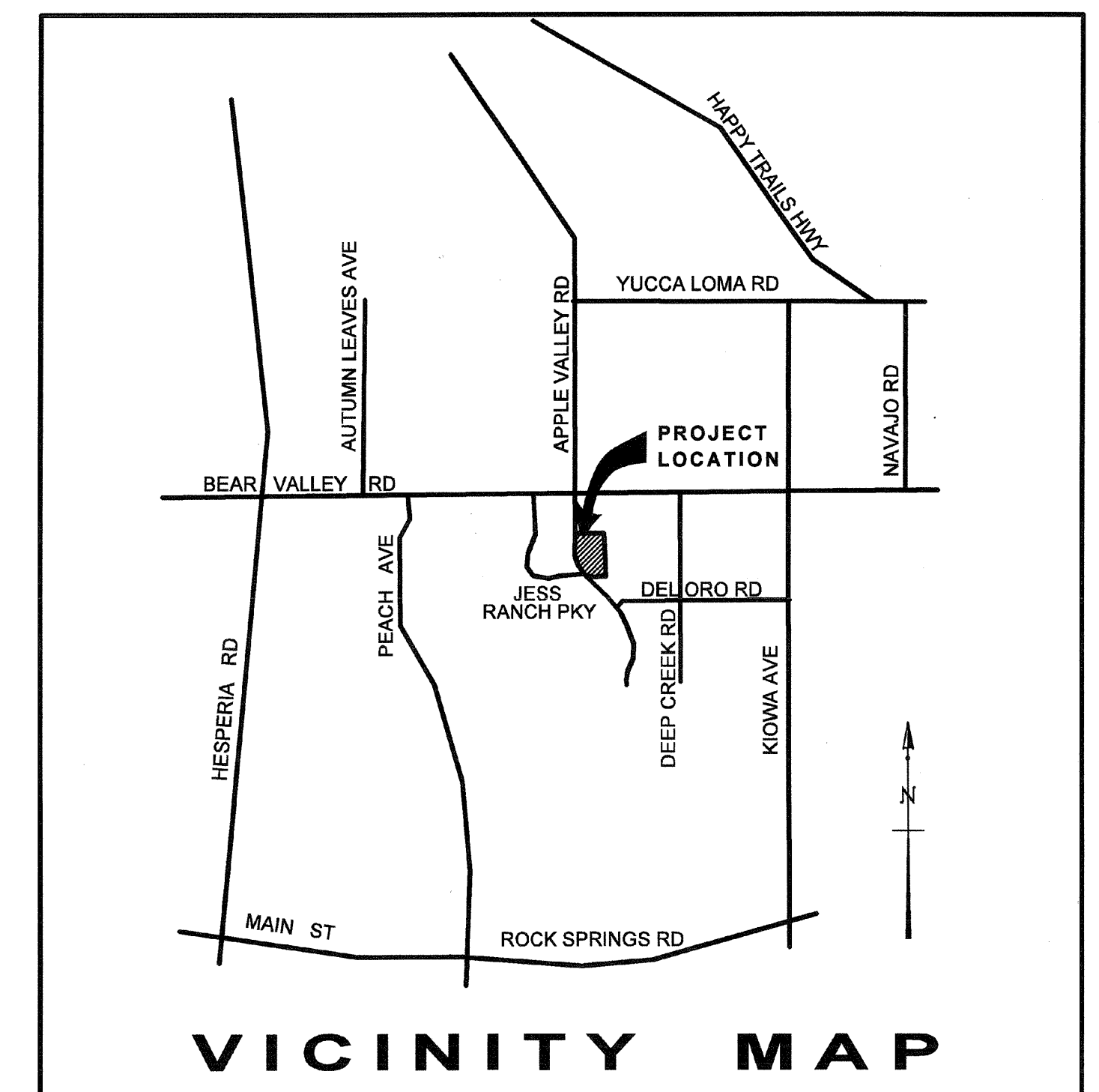
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS OR ANY OTHER STRUCTURES SHOWN ON THESE DRAWINGS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO OTHER UTILITIES OR STRUCTURES EXCEPT AS SHOWN ON THESE DRAWINGS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS.

THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE COUNTY, THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

DOUGLAS L. GOODMAN, R.C.E. No. 28500

#### TRAFFIC CONTROL GENERAL NOTES

1. ALL SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE TRAFFIC MANUAL, PUBLISHED BY THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.
2. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (ALKYD BASE TYPE).
3. ALL SIGNS AND ROADSIDE MARKERS SHALL BE OF HIGH INTENSITY (FHWA TYPE III) REFLECTIVE SHEETING, EXCEPT STOP SIGNS SHALL BE DIAMOND GRADE (FHWA TYPE IIIA) REFLECTIVE SHEETING.
4. SIGNS SHALL BE MOUNTED ON METAL POST SIMILAR TO COUNTY STANDARD 303(A) AND 303(B).
5. ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS NOT SHOWN ON THE PLANS, SHALL BE REMOVED BY THE CONTRACTOR. REMOVAL SHALL BE ACCOMPLISHED BY SANDBLASTING GRINDING, OR AS DIRECTED BY TOWN REPRESENTATIVE.
6. ALL CONFLICTING SIGNS SHALL BE EITHER REMOVED, RELOCATED OR COVERED BY THE CONTRACTOR, RELOCATABLE SIGNS SHALL BE INSTALLED AS SPECIFIED ON THE PLANS OR AS DIRECTED BY THE TOWN REPRESENTATIVE.
7. ALL EXISTING SIGNING, STRIPING AND PAVEMENT MARKINGS NOT SHOWN ON PLANS, IF REMOVED/OBLITERATED, SHALL BE REPLACED/RESTORED OF SAME KIND, AND IN CONFORMANCE WITH THE CURRENT EDITION OF THE TRAFFIC MANUAL PUBLISHED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
8. THE CONTRACTOR SHALL NOTIFY TOWN REPRESENTATIVE TO SCHEDULE WITH TRAFFIC DIVISION PERSONNEL FOR A FINAL REVIEW (WALK THROUGH) AND APPROVAL OF TRAFFIC CONTROL DEVICES PRIOR TO PROJECT ACCEPTANCE.
9. ALL CONSTRUCTION SIGNS SHALL BE BLACK ON ORANGE BACKGROUND WITH HIGH INTENSITY (FHWA TYPE III) REFLECTIVE SHEETING.
10. ALL CONSTRUCTION SIGNING SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES PUBLISHED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
11. ALL SCHOOL WARNING SIGNS SHALL BE DIAMOND GRADE FLUORESCENT REFLECTIVE SHEETING YELLOW-GREEN.



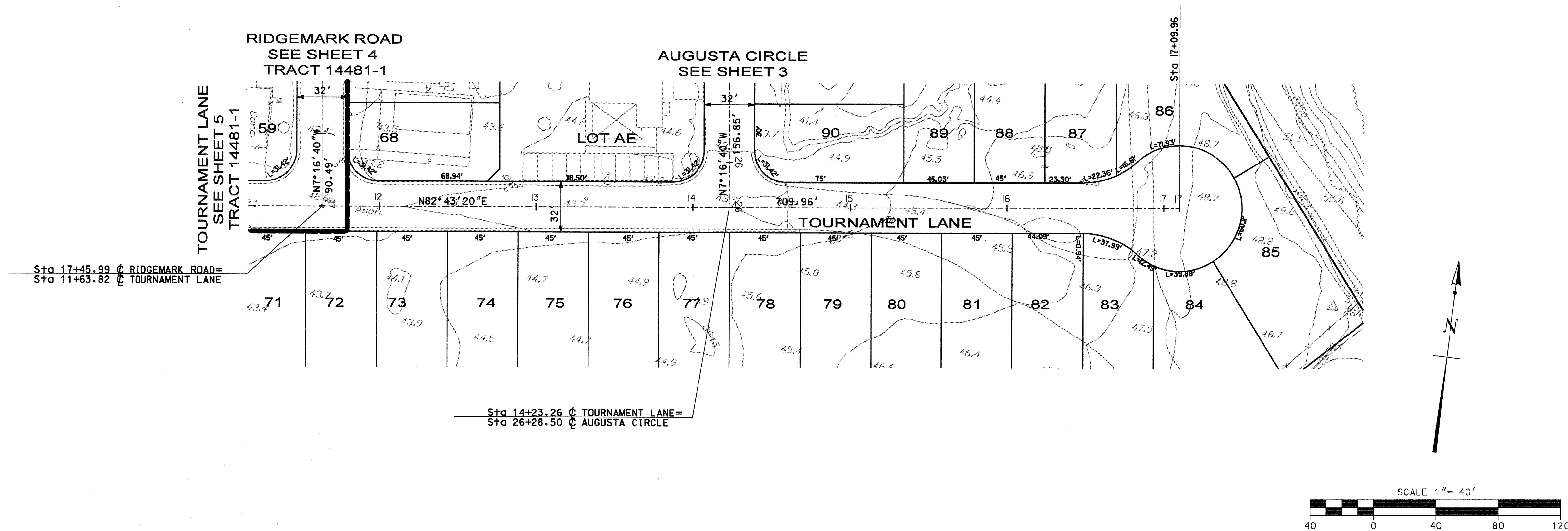
VICINITY MAP

<b>Underground Service Alert</b>  Call: TOLL FREE 1-800 227-2600 TWO WORKING DAYS BEFORE YOU DIG	REV.	REVISION DESCRIPTION	DATE	ENGR.	CITY	DATE	BENCH MARK	DESIGN BY:	DRAWN BY:	CHECKED BY:	TOWN OF APPLE VALLEY ENGINEERING DIVISION	 DOUGLAS L. GOODMAN RCE 28500, 3-31-2008	2079 SKY VIEW DRIVE COLTON, CALIFORNIA 92324 (909) 824-2775 <b>Goodman &amp; Associates</b>	TOWN OF APPLE VALLEY TRACT MAP NO. 14484 STREET IMPROVEMENT PLANS TRACT 14484-2 TOURNAMENT LANE, SMOKE TREE COURT AND AUGUSTA CIRCLE	SCALE = 200'
											REVIEWED				DATE



PROFILE  
SCALE: HOR: 1"=40'  
VER: 1"=8'

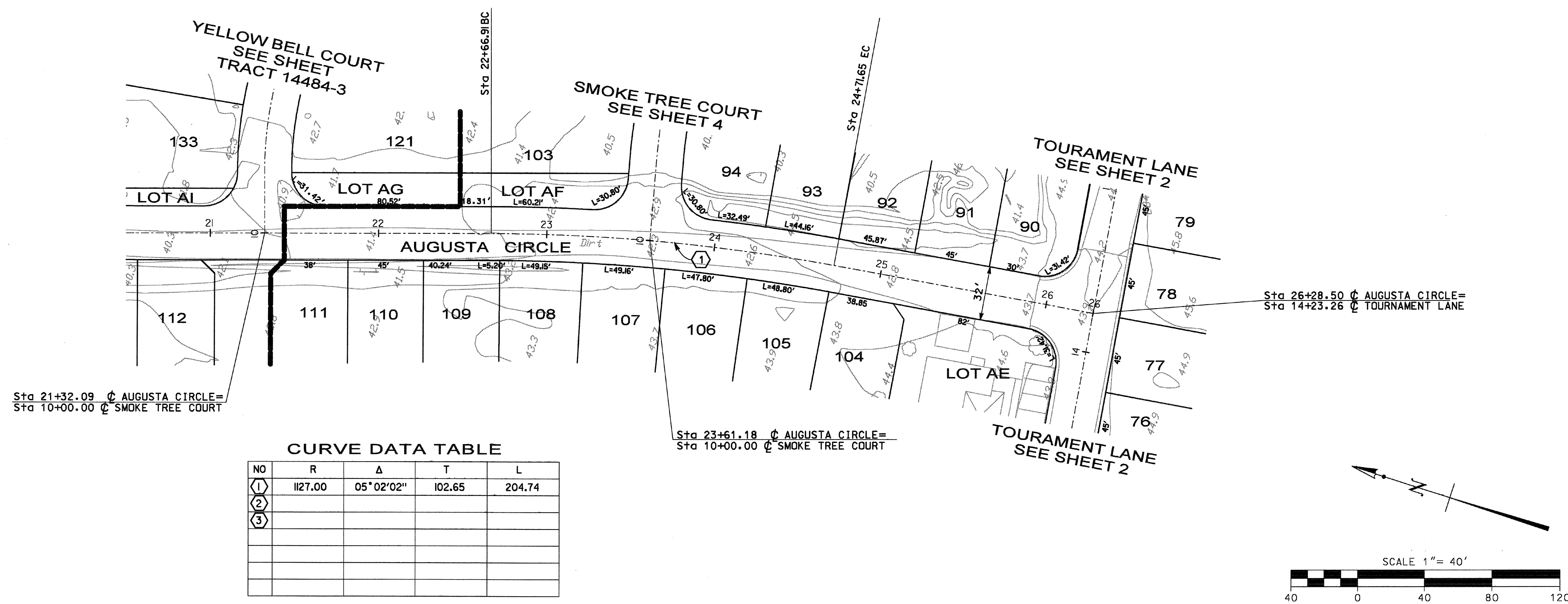
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 Call: TOLL FREE 1-800 227-2600 TWO WORKING DAYS BEFORE YOU DIG	REV.	REVISION DESCRIPTION	DATE	ENGR.	CITY	DATE	BENCH MARK	DESIGN BY:	DRAWN BY:	CHECKED BY:	TOWN OF APPLE VALLEY ENGINEERING DIVISION		<b>Goodman &amp; Associates</b> 2079 SKY VIEW DRIVE COLTON, CALIFORNIA 92324 (909) 824-2775 DOUGLAS L. GOODMAN RCE 28500, 3-31-2008	TOWN OF APPLE VALLEY TRACT MAP NO. 14484 STREET IMPROVEMENT PLANS TRACT MAP NO. 14484-2 TOURNAMENT LANE	SCALE: 1" = 40'
											REVIEWED NORMAN B. MILLER TOWN ENGINEER				DATE



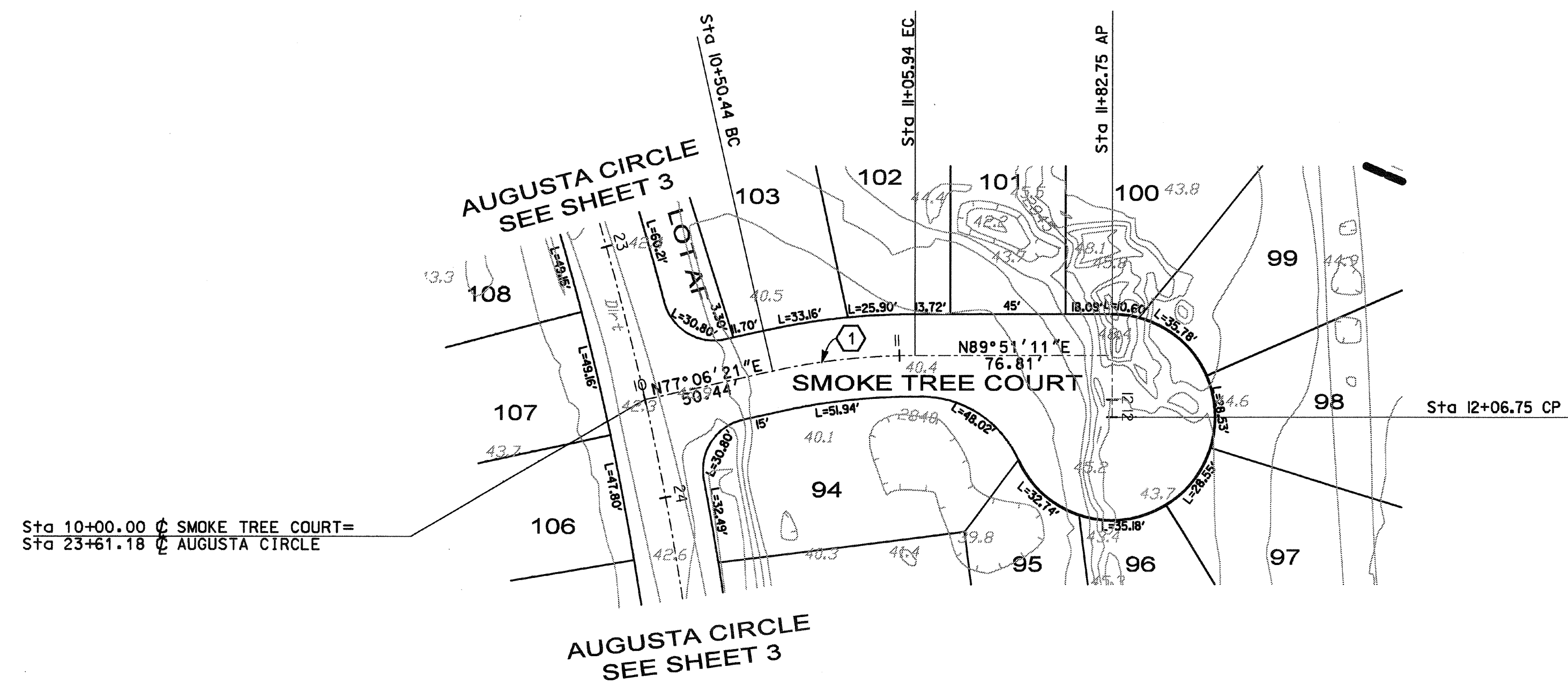
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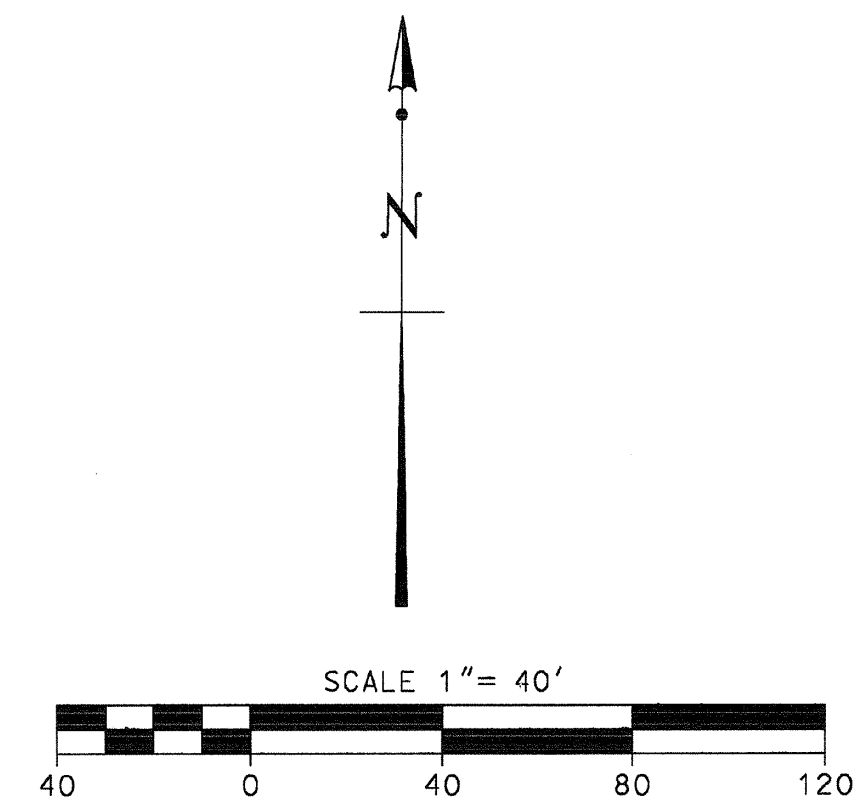
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CURVE DATA TABLE

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3				



 Call: TOLL FREE 1-800 227-2600 TWO WORKING DAYS BEFORE YOU DIG	REV.	REVISION DESCRIPTION	DATE	ENGR.	CITY	DATE	BENCH MARK	DESIGN BY:	DRAWN BY:	CHECKED BY:	TOWN OF APPLE VALLEY ENGINEERING DIVISION		<b>Goodman &amp; Associates</b> 2079 SKY VIEW DRIVE COLTON, CALIFORNIA 92324 (909) 824-2775	TOWN OF APPLE VALLEY TRACT MAP NO. 14484	STREET IMPROVEMENT PLANS TRACT MAP NO. 14484-2 SMOKE TREE COURT	SCALE: 1" = 40'
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