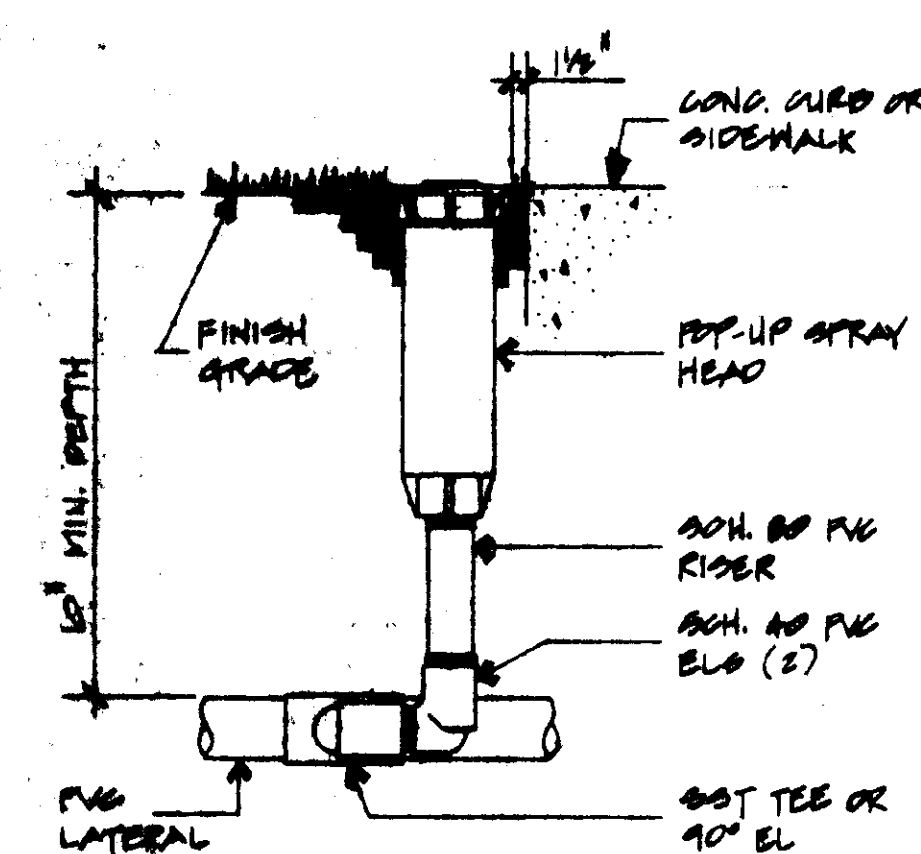
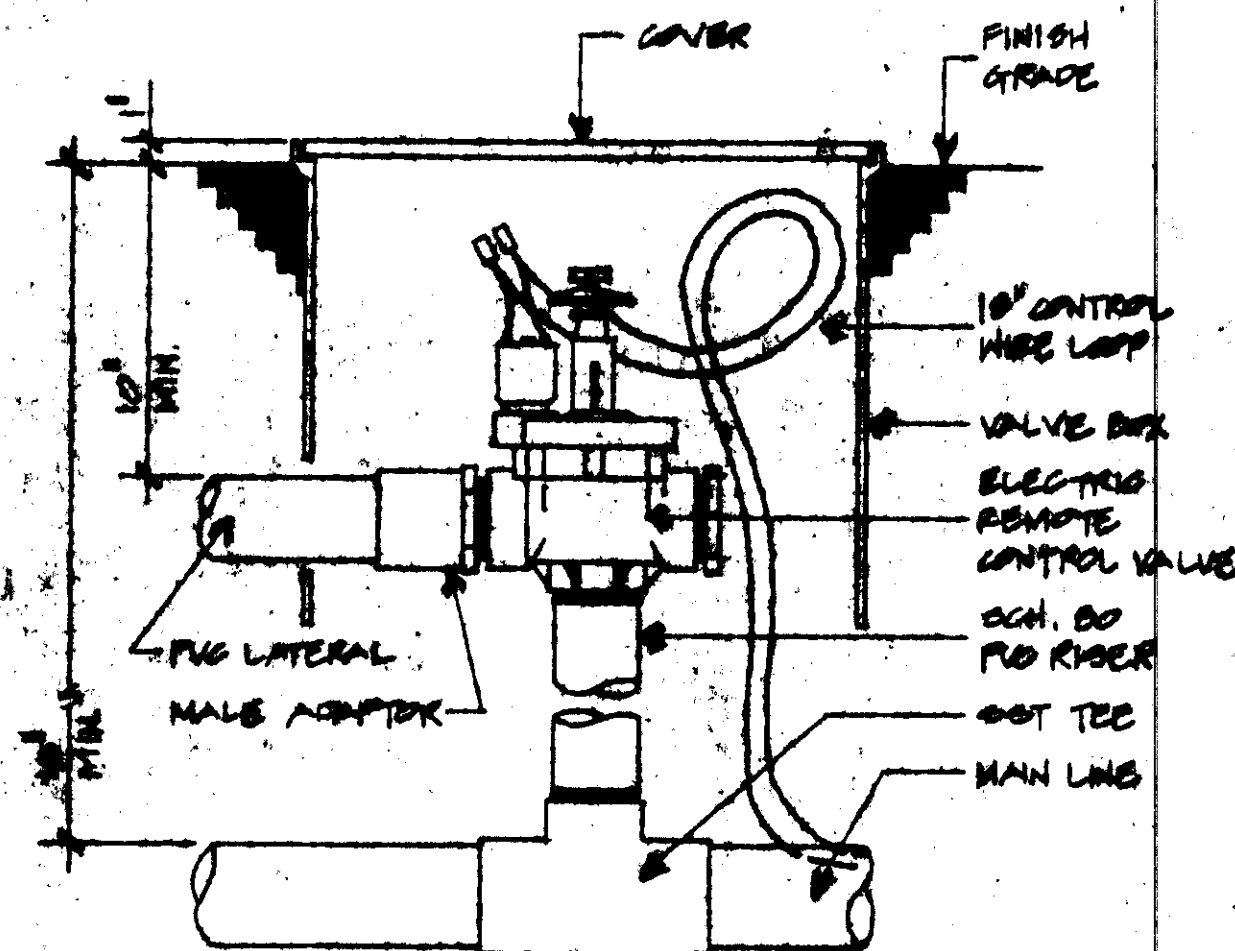
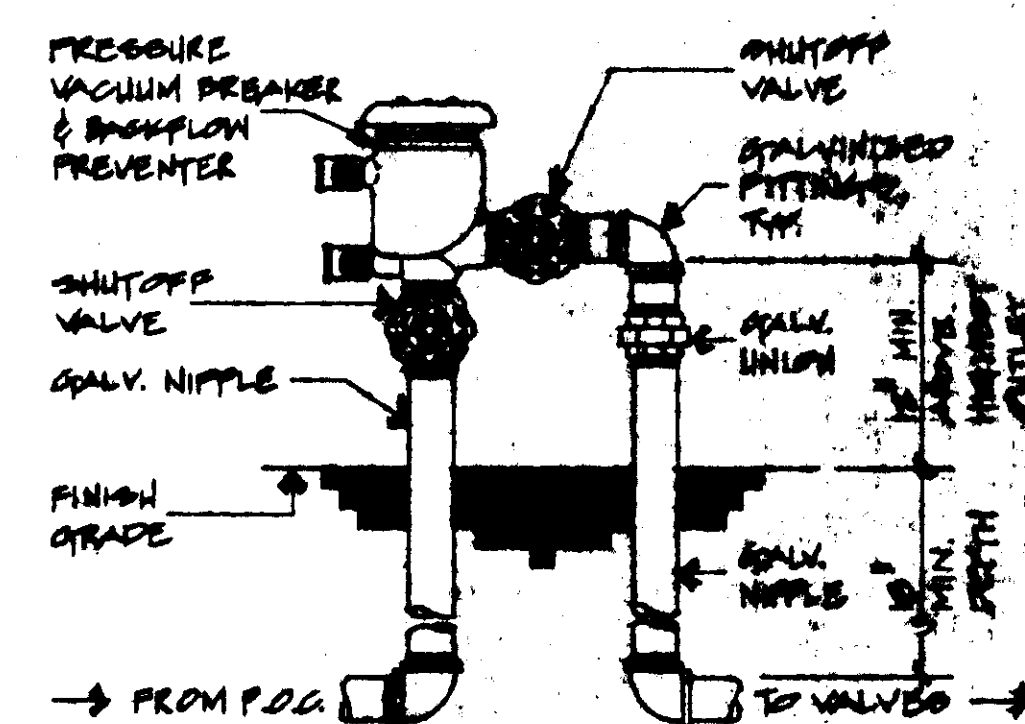
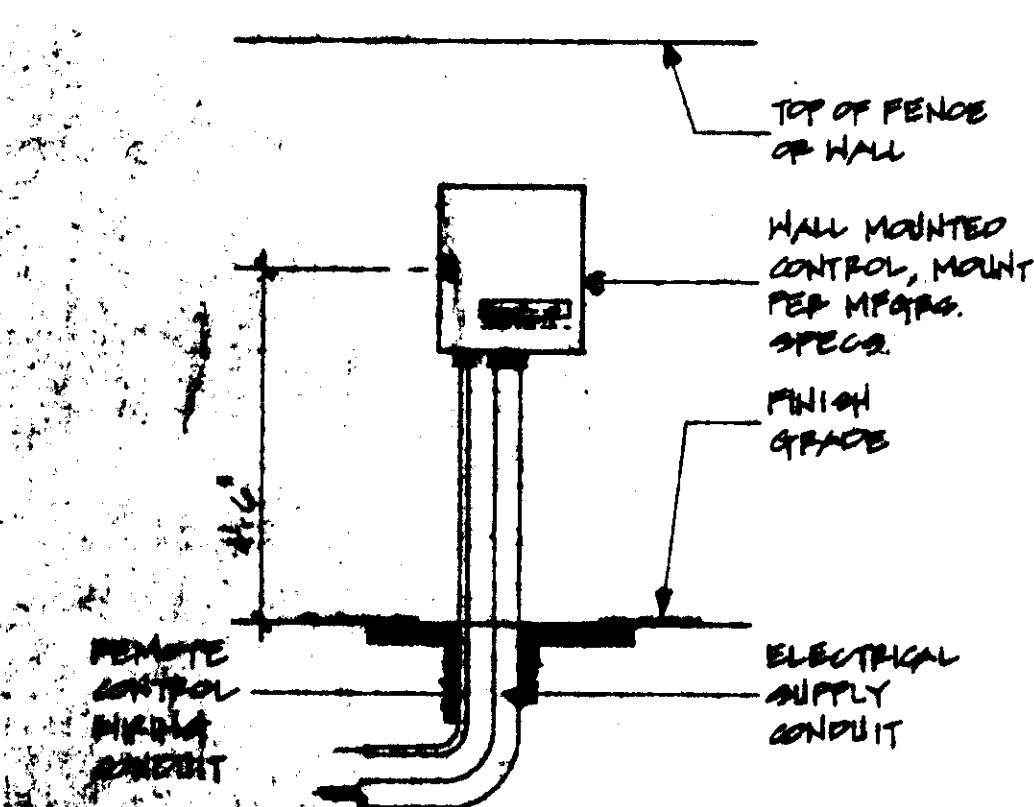
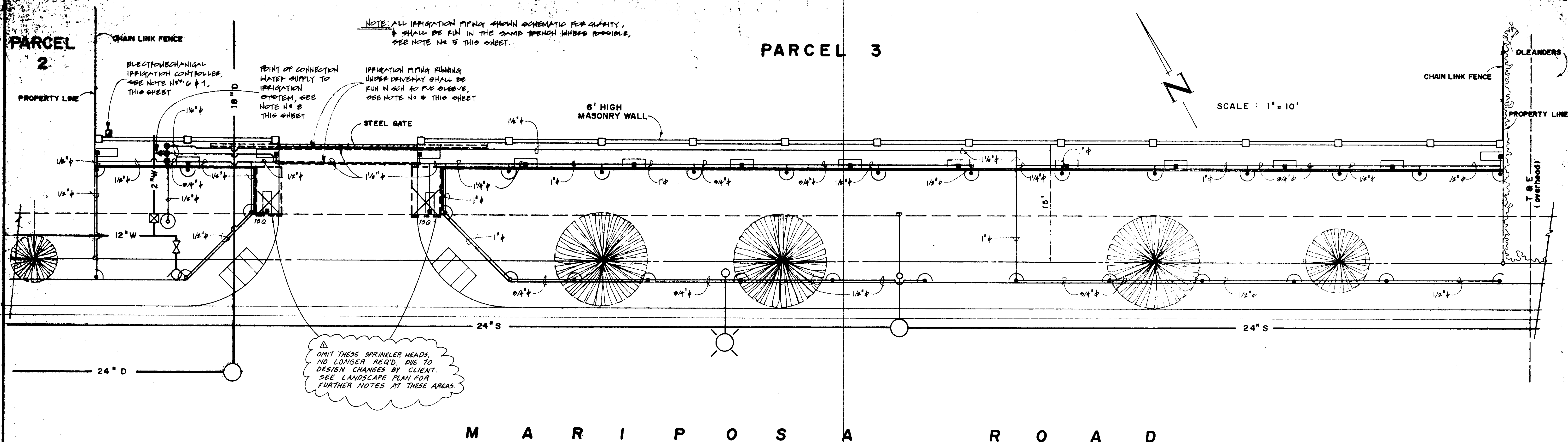




- ### LEGEND

- SYM DISPOSITION
- ◀ "RAIN BIRD" P.V. 1500-P PRESSURE VACUUM BREAKER BACKFLOW PREVENTION ASSEMBLY
- ⊕ "RAIN BIRD" 100-PE ELECTRIC REMOTE CONTROL VALVE
- ⊙ "RAIN BIRD" 100-PE ELECTRIC REMOTE CONTROL VALVE
- ▬ "RAIN BIRD" 100G SERIES RP-UP SPRAY SPRINKLER W/ 1000 SERIES MPF BRASS NOZZLE DISSET, 20 PSI, 0.59 GPM
- "RAIN BIRD" 100G SERIES RP-UP SPRAY SPRINKLER W/ 1000 SERIES MPF BRASS NOZZLE DISSET, 20 PSI, 1.10 GPM
- ⌋ "RAIN BIRD" 1000 SERIES RP-UP SPRAY SPRINKLER W/ 1000 SERIES MPF PLASTIC NOZZLE 15G, 20 PSI, 0.59 GPM
- ⌋ "RAIN BIRD" 1000 SERIES RP-UP SPRAY SPRINKLER W/ 1000 SERIES MPF PLASTIC NOZZLE 15H, 20 PSI, 1.65 GPM
- ⌋ "RAIN BIRD" 1000 SERIES RP-UP SPRAY SPRINKLER W/ 1000 SERIES MPF PLASTIC NOZZLE 12T, 20 PSI, 0.80 GPM
- ⊙ "RAIN BIRD" 1000 SERIES RP-UP SPRAY SPRINKLER W/ 1000 SERIES MPF PLASTIC NOZZLE 12F, 20 PSI, 2.40 GPM
- ⊕ "RAIN BIRD" RC-4C ELECTROMECHANICAL CONTROLLER
- SCH. 40 PVC SLEEVE, SEE NOTE NO 8 THREE
PLANTER/ MON STRIP, SEE DETAIL

1. CONTRACTOR TO BE RESPONSIBLE FOR HEAD-TO-HEAD COVERAGE; MAKE ADJUSTMENTS AS NECESSARY TO COMPENSATE FOR FIELD VARIATIONS.
2. DETERMINE LOCATIONS OF ALL UNDERGROUND UTILITIES BEFORE TRENCHING.
3. ALL IRRIGATION PIPING TO BE SCH. 40 PVC. SEE DETAILS THIS SHEET FOR PIPE DEPTH BELOW GRADE.
4. ALL RISERS TO SPRINKLER HEADS TO BE 1/2" DIA., SCH. 80 PVC.
5. ALL IRRIGATION PIPING IS SHOWN SCHEMATIC FOR EASY CLARIFICATION. ALL PIPING SHALL BE INSTALLED IN THE SAME TRENCH WHERE POSSIBLE, AND ALL PIPING RUNNING UNDER ASPHALT PAVEMENT SHALL BE RUN IN SCH. 40 PVC SLEEVE; 12" MINIMUM BELOW FINISH GRADE, ADJUST SLEEVE DIAMETER TO OUTSIDE DIAMETER OF IRRIGATION LINE WITH 1" OVERSIZE IN SLEEVE.
6. OWNER TO SUPPLY 1/2" DIA. ELECTRICAL CONDUIT AND 110-0 POWER SUPPLY FROM POWER SOURCE TO CONTROLLER LOCATION, VERIFY WITH OWNER.
7. ALL CONTROL AND REMOTE CONTROL VALVE WIRING TO BE RUN PVC CONDUIT AS PER ELECTRICAL CODES.
8. OWNER TO SUPPLY 1/2" DIA. WATER SOURCE TO IRRIGATION POINT OF CONNECTION. WATER SOURCE SHALL BE UPSTREAM FROM BUILDING WATER SUPPLY.

NOTE:

CLIENT REVISED PLANTING AREA WIDTH FROM 25'-0" TO 15'-0". THEREFORE THESE PLANS ARE NOT TO SCALE AND PROPER MODIFICATIONS ARE INDICATED ON PLANS.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
(A)	CLIENT REVISIONS	11-6-70	RWF

R. W. SIEGFRIED & ASSOCIATES

CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204

JOB No. 6742 Submitted By M. J. Smith (209) 943-2021 R.C.E. No. 18,225 EXP 6-30-93

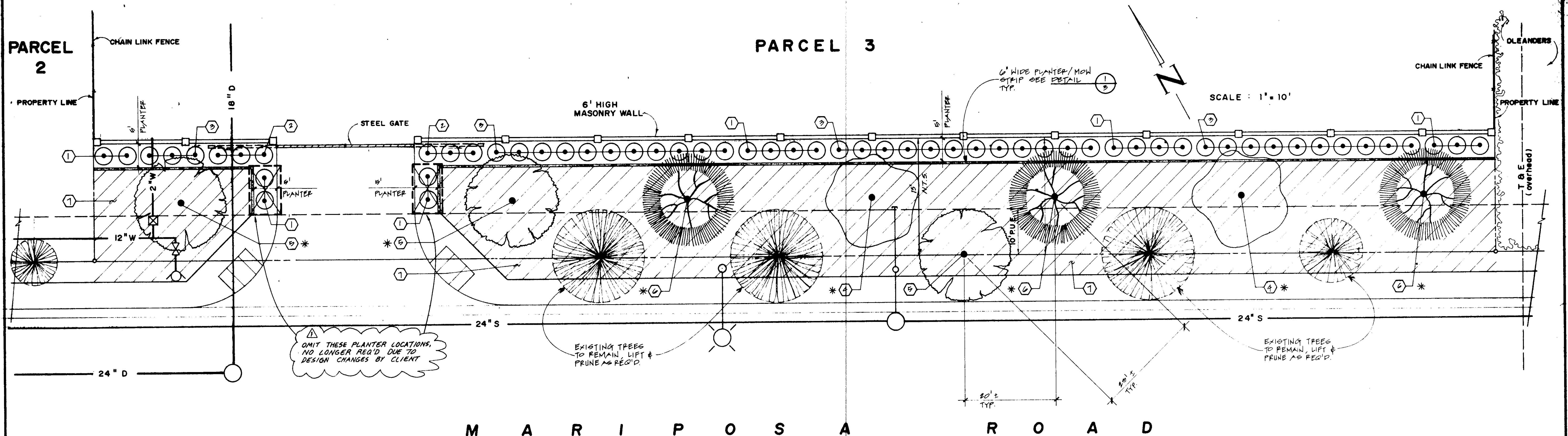
LEBATA INC

IRRIGATION PLAN

SCALE AS SHOWN	APPROVED BY: DATE	CHECKED BY:
DESIGNED BY MEP	12/24/01	L-3
DRAWN BY MEP		
CHECKED BY L M S	<i>Paul M. Smith</i>	10/10/01
F.B. NO. 434 / 623	CITY ENGINEER	REV. 10/01
STANDARD PLAN BY		

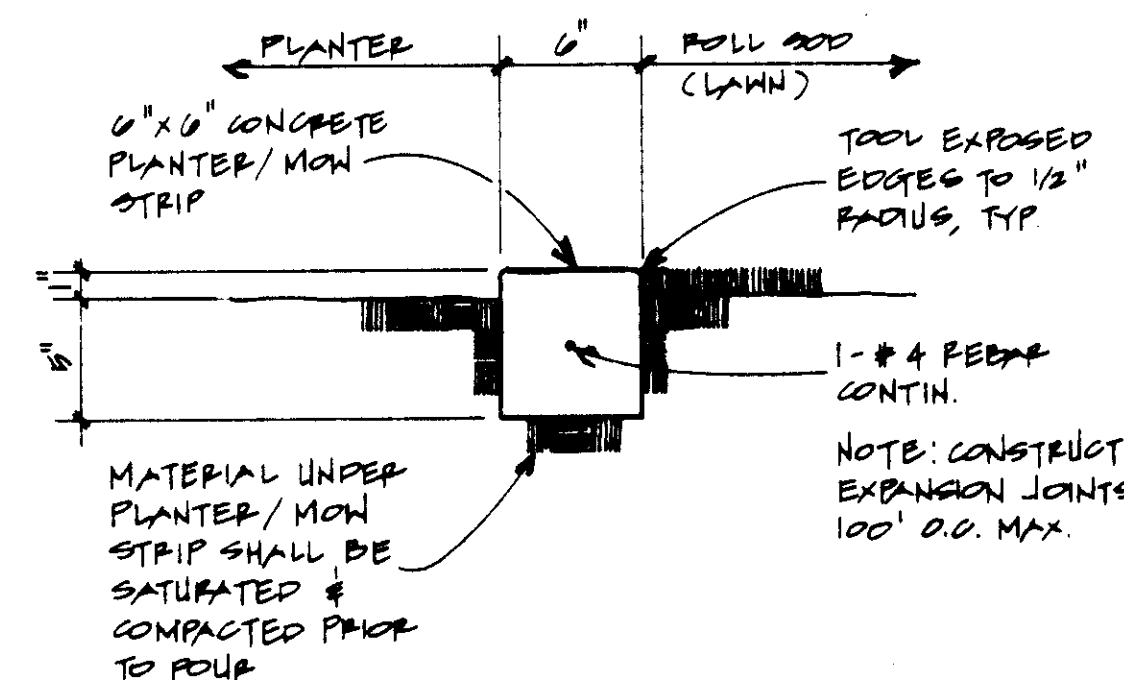
PARCEL 2

PARCEL 3

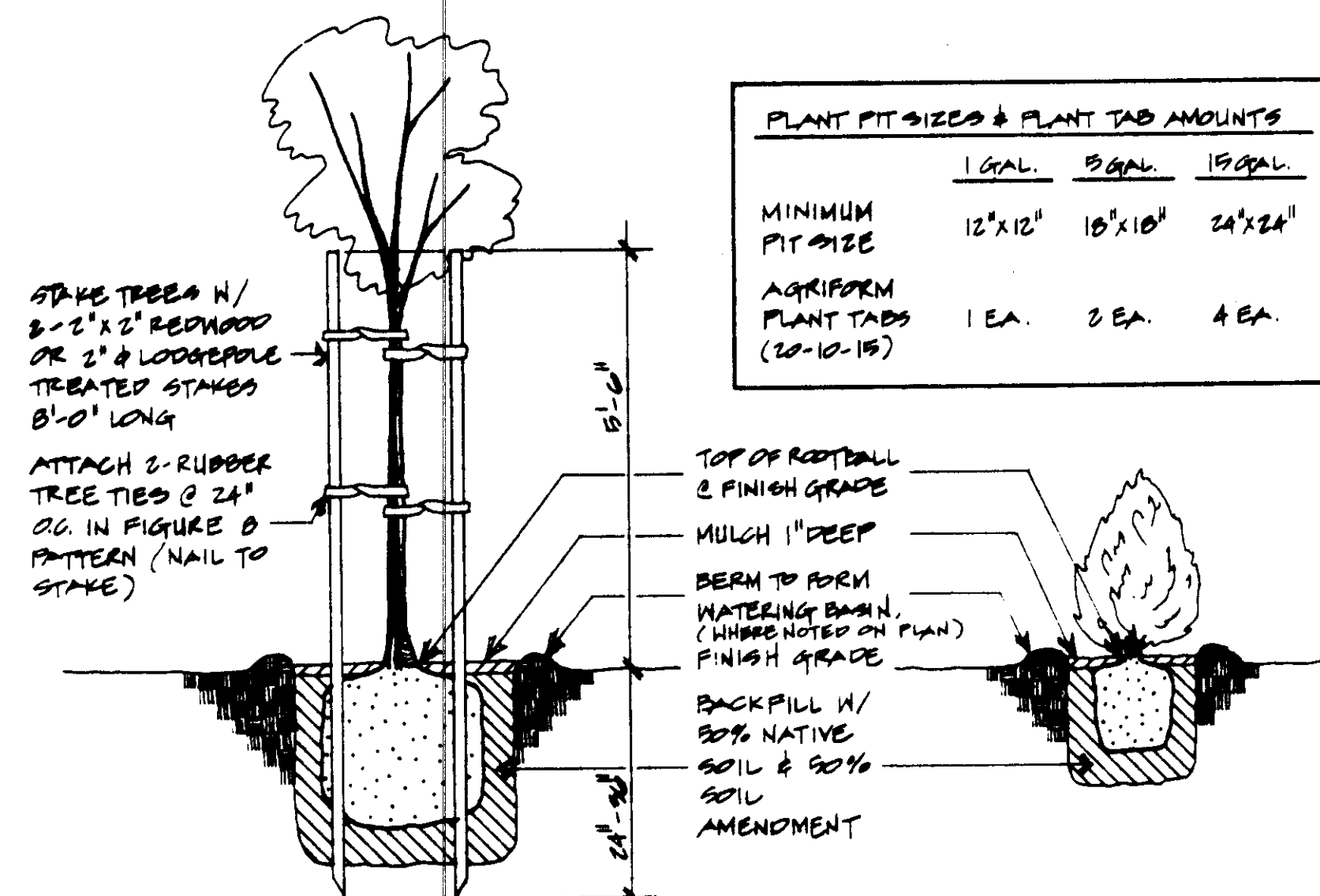


PLANT LIST				LIST			REMARKS
TYPE	SYM.	GENUS	SPECIES	COMMON NAME	SIZE	QTY.	
S	①	ABELIA	GRANDIFLORA	GLOSSY ABELIA	5 GAL.	13	
S	②	NANDINA	DOMESTICA	HEAVENLY BAMBOO	5 GAL.	6	
S	③	PITTOSPORUM	TOBIA	WHEELERS DWARF	5 GAL.	26	
T	④	KOELPETERIA	BIPINNATA	CHINESE FLAME TREE	15 GAL.	2	
T	⑤	PISTACHIA	CHINENSIS	CHINESE PISTACHE	15 GAL.	3	
T	⑥	GEODIA	SEMPERVIRENS	COAST REDWOOD	15 GAL.	3	
SOD	①			DELA BLUE GRASS	ROLL SOD	6000 #	

SCHEDULE NOTES: S = SHRUB; T = TREE; SOD = ROLL SOD



PLANTER/MOW STRIP DETAIL . ①
NO SCALE



PLANTING & STAKING DETAIL
NO SCALE

NOTE: CLIENT REVISED PLANTING AREA WIDTH FROM 25'-0" TO 15'-0". THEREFORE THESE PLANS ARE NOT TO SCALE AND PROPER MODIFICATIONS ARE INDICATED ON PLANS.

INSTALLATION NOTES

1. PLANT MATERIAL LOCATION DIAGRAMMATIC AND SUBJECT TO CHANGE IN THE FIELD, AS DIRECTED BY OWNER.
2. ALL PLANTING AREAS SHALL BE CLEARED, WEEDED AND CULTIVATED TO A MINIMUM DEPTH OF 6"; REMOVE ALL ROCKS/DEBRIS LARGER THAN 4"; APPLY REDWOOD COMPOST AT THE RATE OF 6 C.Y./1000 S.F., AND COMMERCIAL FERTILIZER (BEST 12-12-12, OR EQUAL) AT 8-10#/1000 S.F. TO ALL PLANTING AND LAWN AREAS, AND INCORPORATE INTO THE TOP 6" OF SOIL.
3. GRADE LANDSCAPE TO DRAIN AWAY FROM BUILDING; SHAPE SLOPES AND BERMS WITH NO ABRUPT CHANGE OF GRADIENT - MAKE SMOOTH TRANSITIONS AT ELEVATION CHANGES.
4. PLANT TREES AND SHRUBS AS PER DETAIL (BELOW) EXCEPT AZALEAS; PLANT ROOT BALL 4" ABOVE FINISH GRADE AND MULCH IMMEDIATELY AFTER PLANTING - SOIL MIX TO BE AT LEAST 60% ORGANIC AMENDMENT, OF WHICH 50% SHALL BE PEAT MOSS.
5. AFTER PLANTING IS COMPLETE, APPLY A PRE-EMERGENT HERBICIDE (TREFLAN, SURFLAN, OR EQUAL), AS PER MANUFACTURER'S SPECS., TO ALL SHRUB BEDS, THEN TOP WITH MEDIUM REDWOOD BARK.
6. ANY DISCREPANCIES OR OBSTRUCTIONS TO NORMAL INSTALLATION PROCEDURE TO BE BROUGHT TO THE ATTENTION OF THE OWNER BEFORE INSTALLATION.
7. ALL WORK SHALL BE PERFORMED BY PERSONS FAMILIAR WITH THIS TYPE OF WORK, AND UNDER THE SUPERVISION OF AN EXPERIENCED AND QUALIFIED PLANTING AND IRRIGATION SUPERVISOR.
8. CONTRACTOR SHALL KEEP JOBSITE AS CLEAN AS POSSIBLE DURING CONSTRUCTION AND UPON COMPLETION OF JOB.
9. CONTRACTOR TO MAINTAIN JOB FOR 30 DAYS FROM DATE OF COMPLETION AND ACCEPTANCE BY OWNER.
10. ALL PLANTER AREAS SHALL HAVE MEDIUM REDWOOD BARK APPLIED (2" MIN. DEPTH) UPON COMPLETION OF LANDSCAPING.

TREES INDICATED WITH "*" WILL ACTUALLY FALL IN PLANTING STRIP, DUE TO CLIENT DESIGN CHANGES AND WILL NO LONGER BE IN LAWN AREA.

LEBATA INC.
LANDSCAPE PLAN

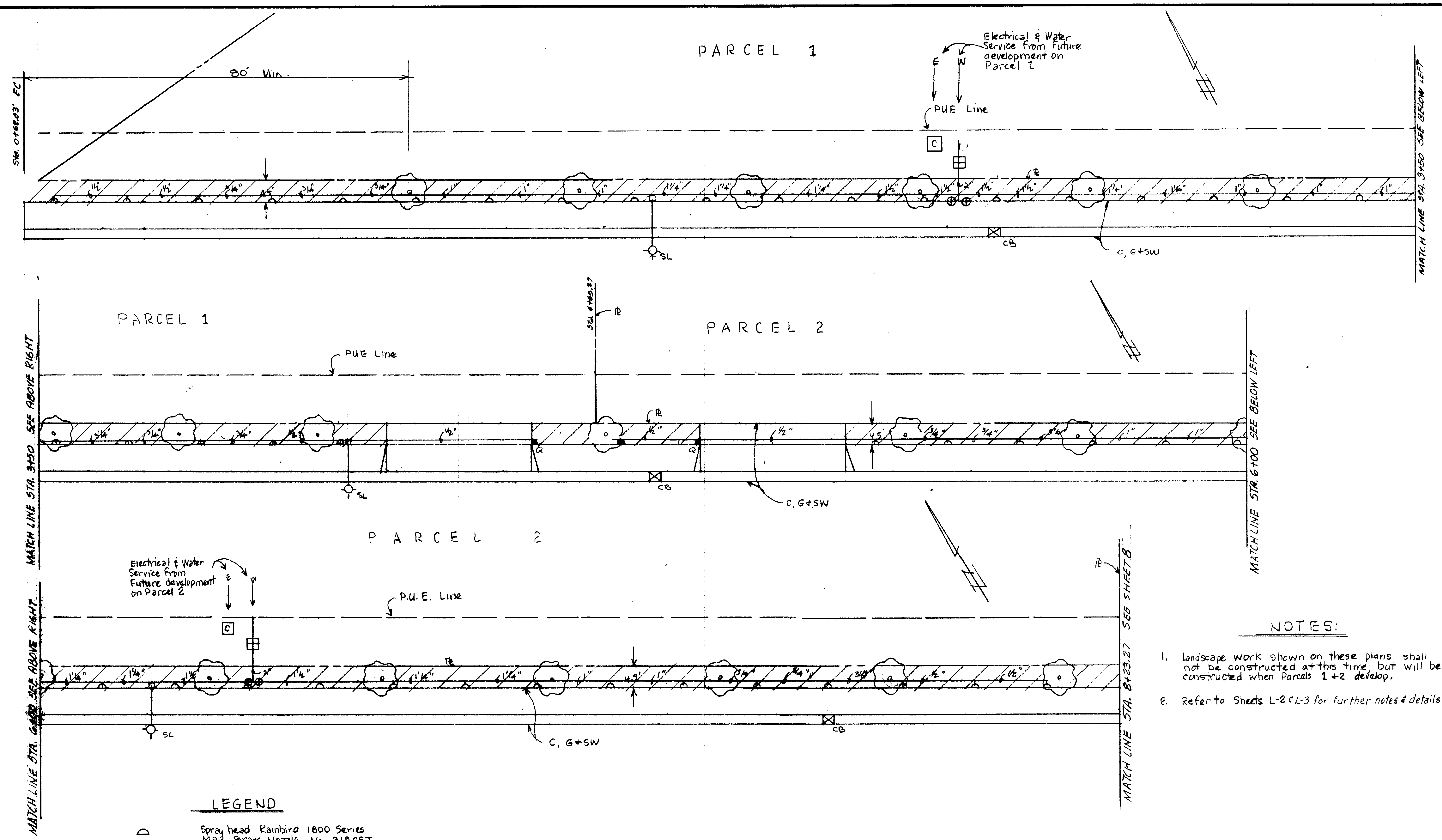
REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	CLIENT REVISIONS	11-6-90	RWS

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
(209) 943-2021
JOB No. 6742 Submitted By RCE No. 18,225 EXP. 6-30-93

SCALE AS SHOWN	APPROVED BY: DATE 12/1/90	SHEET NO. L-2
DESIGNED BY MEP		OF 10 SHEETS
DRAWN BY MEP		JOB NO.
CHECKED BY L M S		
F.B. NO. 434/623		
RECORD DWG BY		

542427

SL 2428



- LEGEND**
- Spray head Rainbird 1800 Series MP-R Brass Nozzle, No. R156ST
 - Electric Remote Control Valve Rainbird 150 PE RB
 - Rainbird RC7 Controller
 - Pressure vacuum Breaker Rainbird PVB200
 - Roll Sod, Delta Bluegrass
 - Trees supplied and installed by the City of Stockton (Total = 19)
 - Indicates size of PVC Sch. 40 Irrigation Line

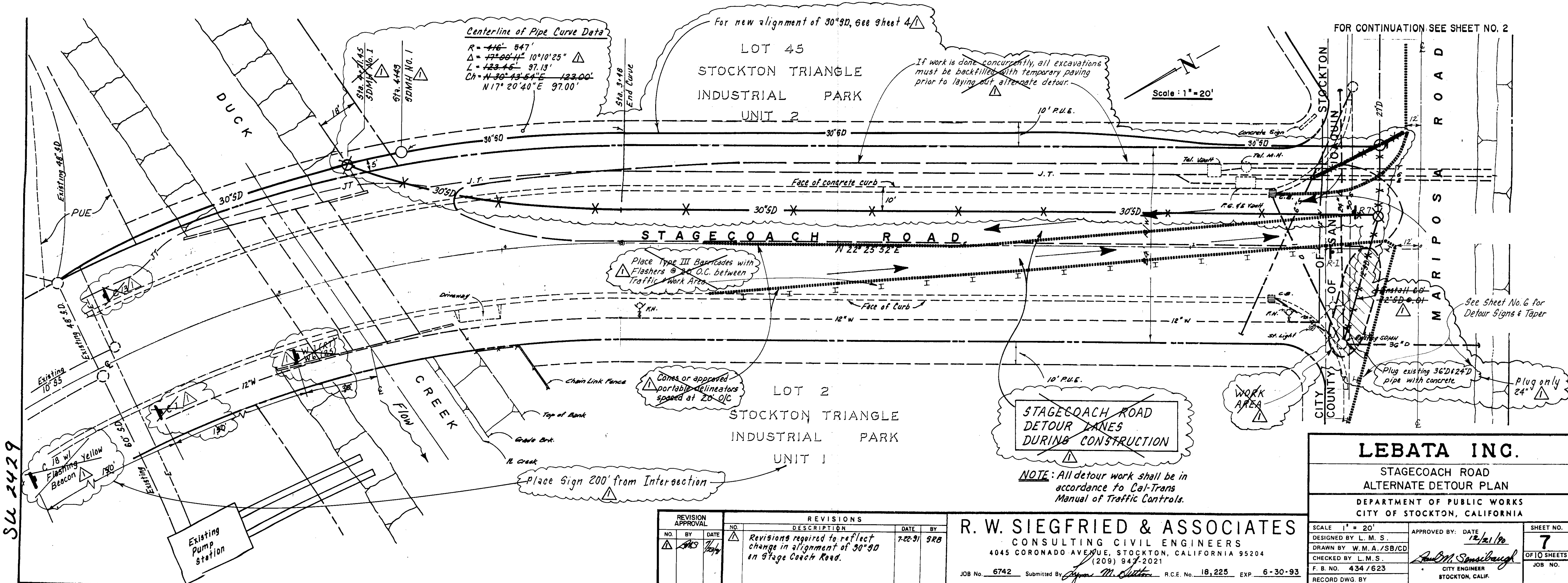
- NOTES:**
- Landscape work shown on these plans shall not be constructed at this time, but will be constructed when Parcels 1+2 develop.
 - Refer to Sheets L-2 & L-3 for further notes & details.

REVISIONS			
NO.	DESCRIPTION	DATE	BY

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
(209) 941-2021
JOB No. _____ Submitted by *[Signature]* RCE No. 18245 EXP. 6/30/93

LEBATA, INC. OFF-SITE IMPROVEMENT PLANS LANDSCAPE PLAN ACROSS FRONTAGE PARCELS 1 & 2	
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE: 1" = 10'	APPROVED BY: DATE: 12/21/90
DESIGNED BY: _____	<i>[Signature]</i> CITY ENGINEER STOCKTON, CALIF.
DRAWN BY: _____	
CHECKED BY: _____	
RECORD DWG BY: _____	
SHEET NO. L-1 OF 10 SHEETS JOB NO. _____	

NOTE:
Because storm drain pipe construction has been moved out of the roadway area on Stagecoach Road, the requirement for traffic detours on Stagecoach Road is hereby deleted. However, detour of traffic will still be maintained for new manhole construction of intersection.



REVISION APPROVAL			REVISIONS		
NO.	BY	DATE	DESCRIPTION	DATE	BY
1	AKS	7/22/91	Revisions required to reflect change in alignment of 30' 90' in Stagecoach Road.	7-22-91	9RB

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
(209) 947-2021
JOB No. 6742 Submitted By *James M. Sutton* R.C.E. No. 18,225 EXP. 6-30-93

LEBATA INC.		SHEET NO. 7	
STAGECOACH ROAD ALTERNATE DETOUR PLAN		DATE 12/21/90	
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		APPROVED BY: <i>Paul M. Sensibaugh</i>	
SCALE 1" = 20'	DESIGNED BY L. M. S.	CITY ENGINEER	STOCKTON, CALIF.
DRAWN BY W. M. A. / SB/CD	CHECKED BY L. M. S.	JOB NO.	
F. B. NO. 434 / 623	RECORD DWG. BY		

SU 2429

SECTION 19

19-1 EARTHWORK.--Earthwork shall conform to the requirements in Section 19, "Earthwork", of the Standard Specifications and these special provisions.

The requirement of the second paragraph of Section 19-5.03 will be required only in those areas shown on the plan.

In lieu of the tolerance specified in Section 19-1.03(a) of the Standard Specifications, the surface of the grading plane shall not be more than 0.05 foot above or below the grade established by the Engineer.

Before grade is approved by the Engineer all earthwork (including driveways and slopes) shall be compacted to grade. Unless otherwise shown on the plans, all surplus materials not to be salvaged, stockpiled or disposed of as provided in Section 19-2.06 shall become the property of the Contractor and disposed of as provided in Section 7-1.13 of the Standard Specifications.

Unless otherwise shown on the plans, the existing pavement, when used as embankment, shall be broken up into pieces not larger than 0.33 foot in greatest dimension.

19-2 EARTHWORK (STRUCTURE EXCAVATION & BACKFILL).--Structure excavation and backfill shall conform to the requirements in Section 19-3, "Structure Excavation and Backfill", of the Standard Specifications and these special provisions.

All references to culvert excavation and culvert backfill on the plans shall be deemed to mean structure excavation and structure backfill, respectively, in the Standard Specifications and these special provisions.

Structure Backfill which is outside of the paved portions of the roadway, unless otherwise specified on the plans, shall be native material selected for its resistance to erosion.

Compaction Requirements: Unless otherwise shown on the plans, the compaction requirements within the limits of structure excavation for pipes and arches shall be as shown on Improvement Standard A-7.

PONDING AND JETTING will be permitted only if a maintenance bond in the amount of twenty percent (20%) of the contract price with a corporate surety approved by the County is provided. Such a bond shall be provided before final acceptance of the project by the County and shall guarantee the repair of all damage due to faulty materials or workmanship provided or done by the contractor. The guarantee shall remain in effect for a period of three (3) years after the date of final acceptance of the project by the County.

SECTION 26

26-1 AGGREGATE BASE.--Aggregate base shall conform to the requirements in Section 26, "Aggregate Bases", of the Standard Specifications and these special provisions.

Aggregate Base shall be Class 2.

The combined aggregate shall conform to the grading specified for the 3/4-inch maximum aggregate.

The R-Value requirement may be waived provided the individual test result of the aggregate base conforms to the specified grading and durability and has a sand equivalent value of 33 or more.

SECTION 39

39-1 ASPHALT CONCRETE.--Asphalt Concrete shall conform to the requirements in Section 39, "Asphalt Concrete", of the Standard Specifications and these special provisions.

Asphalt concrete shall be Type "B". Aggregate shall conform to the 1/2-inch maximum, coarse or medium grading as determined by the Engineer. At the contractor's option, and with approval of the Engineer, aggregate may be 3/4-inch maximum, medium grading with the exception of the final finish course.

Aggregate conforming to the 3/8-inch maximum grading will be permitted for use in driveways, dikes and other areas with approval of the Engineer.

The amount of asphalt binder to be mixed with the aggregate shall be between 5 percent and 7 percent by weight of the dry aggregate. The exact amount of asphalt binder to be mixed with the aggregate and the AR viscosity grade of the asphalt binder will be determined by the Engineer.

Paint binder shall be applied at a rate of approximately 0.05 gallon per square yard, unless otherwise shown on the plans.

When the asphalt concrete is to be produced in a batch plant, the asphalt concrete shall be proportioned and mixed by the automatic method.

All steel-tired rollers shall be of the tandem type.

When shown in the Engineer's Estimate prime coat liquid asphalt penetration grade shall be SC 70 or SC 250 as directed by the Engineer.

The dumping of material in a windrow, in accordance with Section 39-5.01, shall be limited to 750 feet in advance of the paving machine, unless otherwise permitted by the Engineer.

Unless otherwise shown on the plans, asphalt paver equipment used to place asphalt concrete shall be equipped with full automatic screed and grade sensing controls which shall control the longitudinal grade and transverse slope of the screed. The controls shall be actuated by grade and slope references. Corrections on account of deviations from the references shall be automatic. Guides and references required to control the longitudinal grade and transverse slopes shall be furnished and installed by the Contractor.

Should the contractor elect to use a ski device sensing from subgrade for longitudinal control, the minimum length of the device shall be 30 feet. The device shall be a rigid unit mounted on multiple supports. Each support shall act independently of others and the finished grade shall not be affected by the action of a single support.

In addition:

1. The viscosity grade of paving asphalt shall be AR-4000.
2. In no case shall the minimum asphalt content be below 5.3% of the dry aggregate weight.
3. All surface courses of Asphalt Concrete shall have 1/2" maximum aggregate and a minimum of 5.8% asphalt.
4. Alternate compacting equipment or substitution of a vibratory roller for a pneumatic-tired roller will not be permitted or approved.

SECTION 73

73-1 CONCRETE CURBS & SIDEWALKS.--Concrete curbs and sidewalks shall conform to the requirements in Section 73, "Concrete Curbs and Sidewalks", of the Standard Specifications and these special provisions.

In lieu of the requirements of Section 73-1.05, weakened plane joints shall be constructed at 12-foot maximum intervals on tangent sections and at a minimum of one-third points on radii.

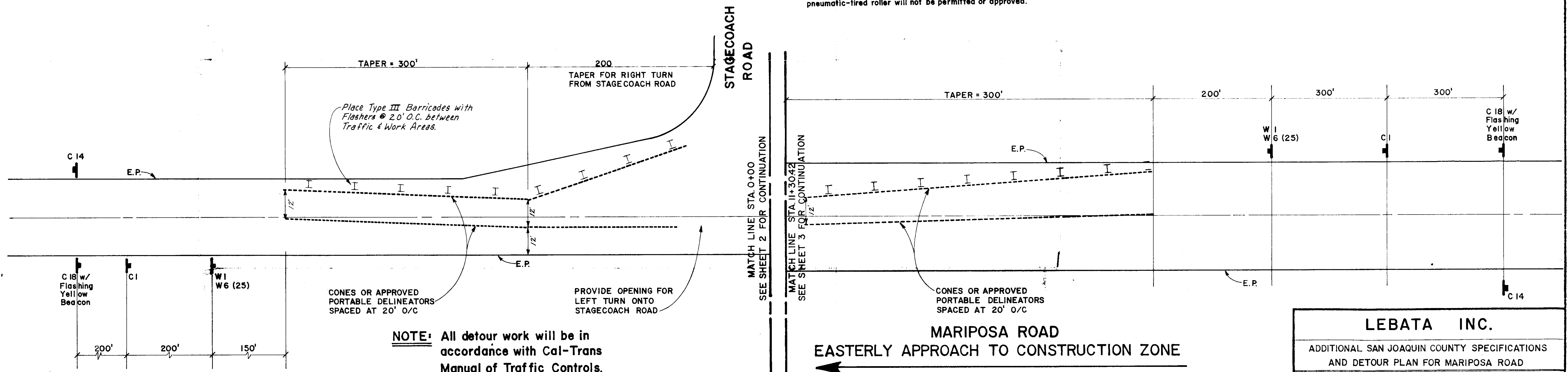
The driveway construction at back of curb shall be poured monolithic with the curb and gutter or shall conform to one of the following alternatives:

- (a) Dowels (5/8 inch diameter by 24 inches long) spaced at 4-foot intervals.
- (b) Keyway constructed 2 inches in height and one inch in depth.

A uniform color shall be maintained by the addition of one pound of lamp black per cubic yard of concrete. Sidewalk and driveway aprons providing access to private property that are constructed behind new sidewalk shall be colored and textured as required to match existing improvements.

All concrete gutters shall be water tested for drainage before acceptance. The maximum deviation from a true grade shall not result in ponding water for a depth exceeding 0.02 foot.

Ground area to be used for landscaping purposes, which has been excavated or is below finished grade shall be backfilled with selected material or imported topsoil free of stones conforming to the provisions of Section 20-2.01, "Topsoil", of the Standard Specifications and these special provisions, unless otherwise shown on the plans.



NOTE: All detour work will be in accordance with Cal-Trans Manual of Traffic Controls.

MARIPOSA ROAD
EASTERLY APPROACH TO CONSTRUCTION ZONE

MARIPOSA ROAD
WESTERLY APPROACH TO CONSTRUCTION ZONE

REVISIONS			
NO.	DESCRIPTION	DATE	BY

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
(209) 943-2021
JOB No. 6742 Submitted *[Signature]* R.C.E. No. 18,225 EXP. 6-30-93

LEBATA INC.		SHEET NO. 6	
ADDITIONAL SAN JOAQUIN COUNTY SPECIFICATIONS AND DETOUR PLAN FOR MARIPOSA ROAD			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE: NONE	DESIGNED BY: LMS	APPROVED BY: DATE <i>12/21/90</i>	OF 10 SHEETS
DRAWN BY: CD	CHECKED BY: LMS	<i>[Signature]</i> CITY ENGINEER STOCKTON, CALIF.	JOB NO.
F. B. NO.	RECORD DWG. BY		

GENERAL NOTES :

1. THE CONTRACTOR SHALL BE CONSIDERED TO STRICTLY ACCORDANCE WITH CITY OF STOCKTON STANDARD SPECIFICATIONS ADOPTED FEBRUARY 1, 1981, AND ALL AMENDMENTS THEREIN TO-DATE, AND THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS DATED JANUARY 1980.
2. ELEVATIONS REFER TO FOGS DATUM. BENCH MARKS ARE AS SHOWN ON THE PLANS.
3. EXISTING UTILITIES SHOWN ON THE PLANS REFER TO DRAWINGS CONTAINED IN THE CITY OF STOCKTON STANDARD SPECIFICATIONS, SECTION 2501: DWG. NO.
4. CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FOR ANY WORK DONE WITHIN CITY AND STREET RIGHT-OF-WAY FROM CITY OF STOCKTON AND SAN JOAQUIN COUNTY PUBLIC WORKS DEPARTMENT, AND NOTIFY CITY AND COUNTY 24 HOURS IN ADVANCE OF STARTING ANY WORK REQUIRED IN THE PLANS.
5. WORK IN STREET RIGHT-OF-WAY IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE CITY OF STOCKTON AND SAN JOAQUIN COUNTY PUBLIC WORKS DEPARTMENT.
6. THE CONTRACTOR SHALL CONTACT WALTER HIGGINS (944-8279) OF THE CITY OF STOCKTON FOR A PRECONSTRUCTION CONFERENCE.
7. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD 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.
8. EXISTING UTILITIES ARE SHOWN AS THEY ARE BELIEVED TO EXIST. THE OWNER AND THE ENGINEER DO NOT ACCEPT RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO CONSTRUCTING ANY WORK, THE CONTRACTOR SHALL HAVE EACH UTILITY COMPANY ACCURATELY LOCATE IN THE FIELD THEIR MAINS AND SERVICE LINES. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES, SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF HIS CONTRACT. (CONTACT "WHS" 800-642-2444).
9. WE CALL YOUR ATTENTION TO: SECTION 1540 (a) (1) OF THE CONSTRUCTION SAFETY ORDINANCE (TITLE 9 CALIFORNIA ADMINISTRATION CODE SECTION 1540), ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, WHICH STATES:

"PRIOR TO OPENING AN EXCAVATION, EXPOSURE SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATION: I.E., SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND, IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING; AND, WHEN IT IS DISCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND UTILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION."

10. THE CONTRACTOR SHALL CHECK WITH THE UTILITY COMPANIES AND VERIFY ALL UTILITY LOCATIONS. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF HIS CONTRACT. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICES TO THE DEVELOPMENT.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND REPLACEMENT OF EXISTING IMPROVEMENTS.
12. WHENEVER PAYMENT IS BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS, THE PAYMENT SHALL BE REPLACED AFTER PROPER BACKFILLING, WITH PAYMENT MATERIALS EQUAL TO, OR BETTER THAN, THE MATERIALS USED IN THE ORIGINAL PAVING.
13. PAYMENT FOR PAYMENT WILL BE MADE ONLY FOR AREAS SHOWN ON THE PLANS. REPLACEMENT OF PAYMENT WHICH IS BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INCLUDED IN THE STREET CONTRACTOR'S UNIT PRICE FOR PAYMENT, AND NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH WORK.
14. PRIOR TO OPENING AN EXCAVATION, THE CONTRACTOR SHALL DETERMINE WHETHER UNDERGROUND INSTALLATION, I.E., SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND, IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING AND, WHEN IT IS DISCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND UTILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION. CALL U.S.A. 1-800-642-2444.
15. EXCAVATION OF 5 FEET, OR MORE, IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY.
16. ON-SITE STORM DRAINS AND SANITARY SEWERS ARE PRIVATE AND SHALL BE MAINTAINED BY THE PROPERTY OWNER.
17. THE CONTRACTOR SHALL EXPOSE EXISTING STORM DRAINS AND SANITARY SEWERS WHERE CONNECTION IS TO BE MADE SO THAT HE CAN VERIFY EXISTING FLOWLINES AND LOCATIONS BEFORE THE START OF CONSTRUCTION.
18. CONSTRUCTION STAKING: CONSTRUCTION STAKING IS NORMALLY PERFORMED BY THE ENGINEER WHO PREPARED THE PLAN. THIS PERMITS APPROPRIATE ON-SITE INTERPRETATION AND ADJUSTMENT OF THE PLANS, IF NECESSARY.

THIS NOTE GIVES FORMAL NOTICE THAT THE FIRM OF R. W. SIEGFRIED & ASSOCIATES CANNOT, AND WILL NOT, TAKE RESPONSIBILITY FOR ERRORS OR OMISSIONS, IF ANY, WHICH MIGHT OCCUR AND WHICH COULD HAVE BEEN AVOIDED OR DETECTED AND/OR CORRECTED OR MITIGATED HAD R. W. SIEGFRIED & ASSOCIATES PERFORMED THE CONSTRUCTION STAKING WORK.

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS, THE COUNTY OF SAN JOAQUIN, ITS ELECTED OFFICIALS, OFFICERS, EMPLOYEES, AND AGENTS FROM ANY AND ALL CLAIMS, COSTS OF LITIGATION, DAMAGES, AND ATTORNEY'S FEES, FOR PERSONAL INJURY OR PROPERTY DAMAGE OF WHATEVER NATURE WHICH ARE CLAIMED TO HAVE OCCURRED DURING THE TERM OF THIS PROJECT.

SPECIAL PROVISIONS :

- CHANGES AND AMENDMENTS (SEE ALSO SPECIFICATIONS ON SHEET 6.)
1. LOWE SEM BID FOR GRADING AND LAND STABILIZATION SHALL INCLUDE COST OF REMOVING FROM THE SITE ALL STRIPPED VEGETATION, DEBRIS, AND OTHER UNDESIRABLE MATERIAL.
 2. THE CONTRACTOR SHALL GRADE THE STREET WIDENING AREA TO THE ELEVATIONS SHOWN ON THE PLANS AND SHALL EXPORT AND IMPORT EARTH MATERIAL AS REQUIRED TO ACHIEVE FINISHED GRADES SHOWN.
 3. PREPARATION AND PLACEMENT OF FILL SHALL BE OBSERVED AND TESTED BY THE SOILS INSPECTOR SO THAT HE CAN CERTIFY TO THE PERFORMANCE OF THE COMPLETED FILL OF THE REQUIREMENTS OF CITY AND COUNTY STANDARD SPECIFICATIONS.
- SURFACE IMPROVEMENTS (SEE ALSO SPECIFICATIONS ON SHEET 6.)
1. SURFACE PREPARATION: SURFACE SHALL BE CONSTRUCTED TO THE REQUIREMENTS OF SECTION 19 OF THE STANDARD SPECIFICATIONS.
 2. AGGREGATE BASE: (SEE ALSO SPECIFICATIONS ON SHEET 6.) AGGREGATE BASE SHALL BE CLASS 2 CONFORMING TO THE REQUIREMENTS OF SECTION 26-1.08 OF THE CALTRANS STANDARD SPECIFICATIONS. SPREADING AND COMPACTING AGGREGATE BASE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 26-1.04 AND 26-1.05 OF THE CALTRANS STANDARD SPECIFICATIONS.
 3. ASPHALT CONCRETE: (SEE ALSO SPECIFICATIONS ON SHEET 6.) ASPHALT CONCRETE SHALL BE CLASS 3 CONFORMING TO THE REQUIREMENTS OF SECTION 26-1.09 OF THE CALTRANS STANDARD SPECIFICATIONS. THE FINISH OF THE ASPHALT CONCRETE SHALL BE ONE (1) INCH BETTER THAN FINISH OF THE SURFACE.
 4. PORTLAND CEMENT CONCRETE: PORTLAND CEMENT CONCRETE FOR SITE IMPROVEMENTS SHALL BE CLASS 3 CONFORMING TO THE REQUIREMENTS OF SECTION 90 OF THE CALTRANS STANDARD SPECIFICATIONS. THE MINIMUM TENSILE STRENGTH SHALL BE 2,500 PSI.
 5. AGGREGATE SUBBASE: AGGREGATE SUBBASE SHALL BE CLASS 4 AND SHALL CONFORM TO THE PROVISIONS OF SECTION 25 OF THE STANDARD SPECIFICATIONS AND THESE TECHNICAL SPECIFICATIONS.
- CLASS 4 AGGREGATE SUBBASE SHALL BE CLEAN AND FREE FROM VEGETABLE MATTER AND OTHER DELETERIOUS SUBSTANCES.

GENERAL NOTES (Continued)

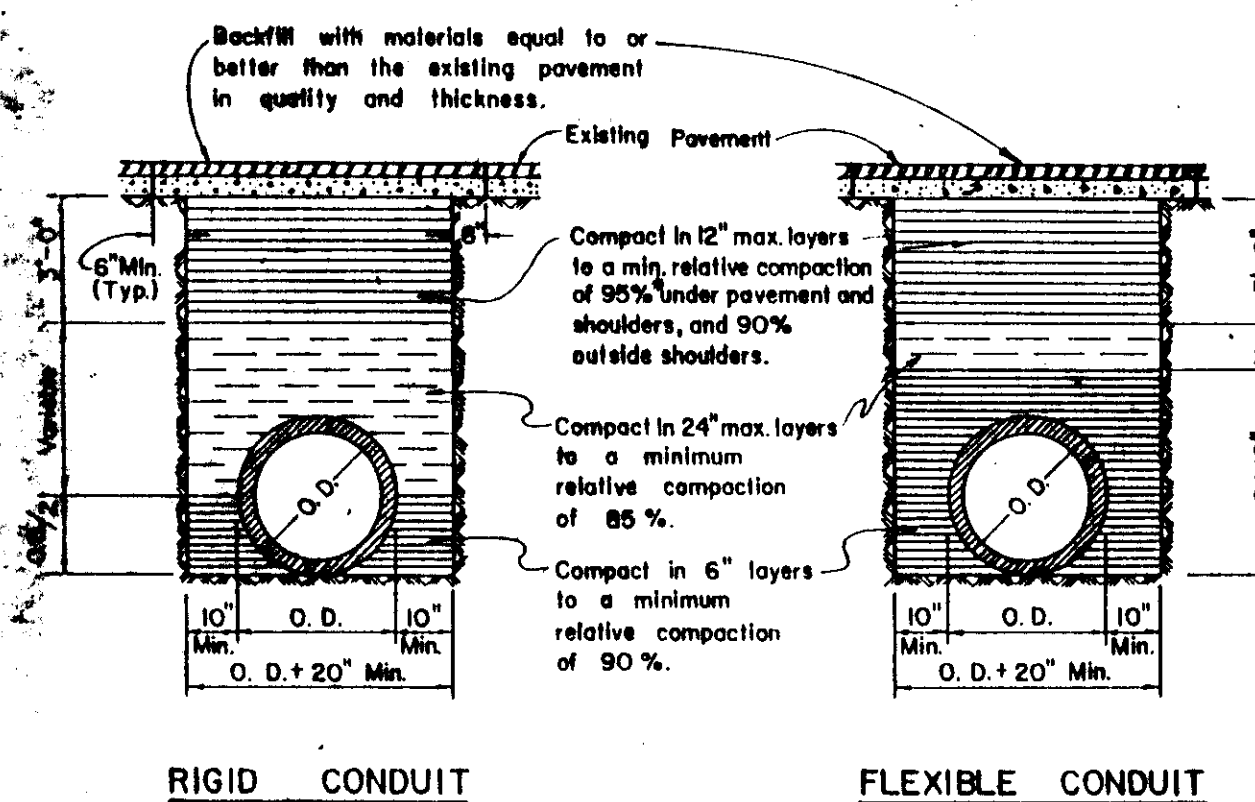
20. THE ENGINEER SHALL SUBMIT AS-BUILT DRAWINGS OF THE LIGHTING SYSTEM. AS-BUILTS SHALL INCLUDE ALL ITEMS LISTED IN DWG. NO. 109.
21. ALL STREET LIGHTS SHALL BE PER DWG. NOS. 109, 111, 112, 114, & 115.

THE PERCENTAGE COMPOSITION BY WEIGHT OF CLASS 4 AGGREGATE SUBBASE SHALL CONFORM TO THE FOLLOWING GRADING WHEN DETERMINED BY TEST METHOD NO. CALIFORNIA 202:

TESTS	TEST METHOD NO. CALIFORNIA	REQUIREMENTS
Sieve Sizes		
2-1/2"	100	20 Min.
No. 200	2-35	55 Min.

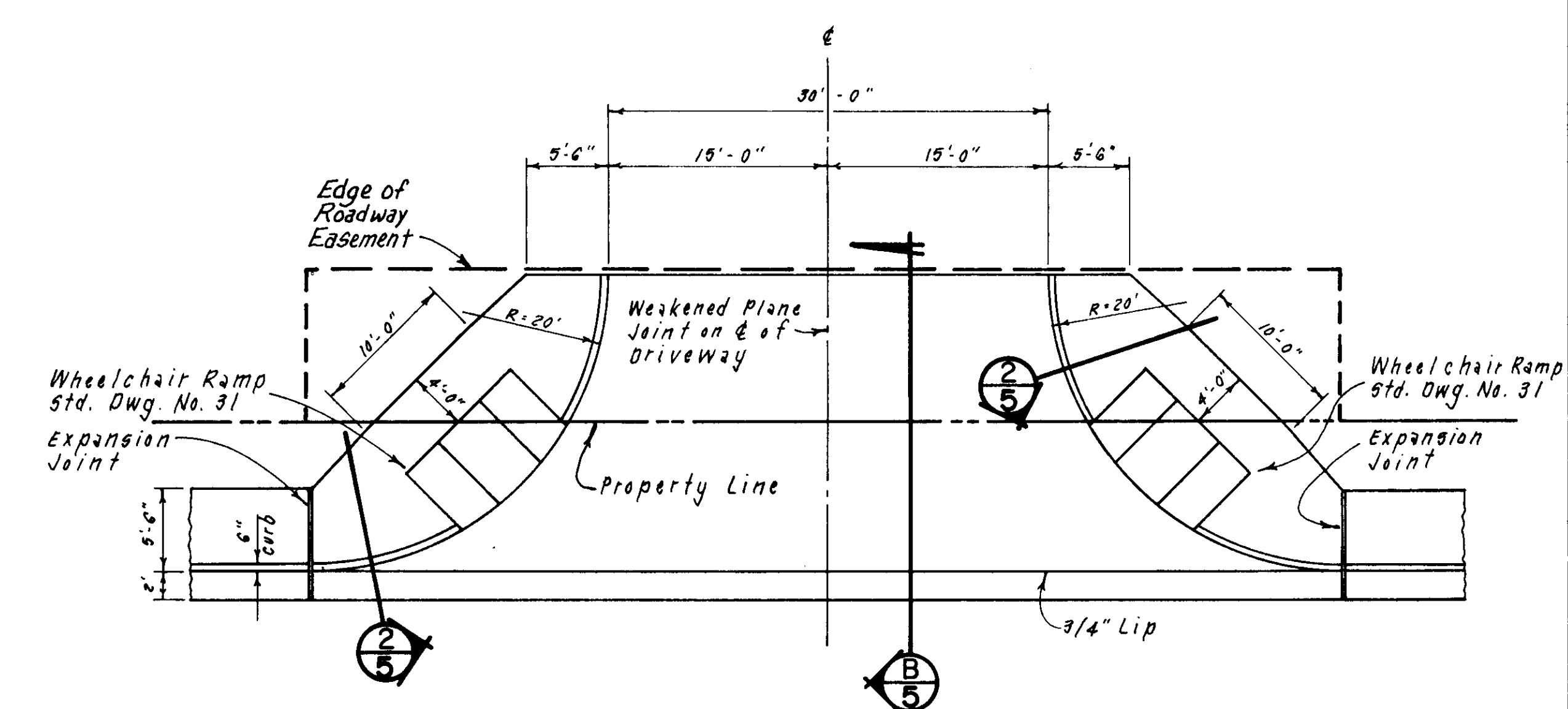
CLASS 4 AGGREGATE SUBBASE SHALL ALSO CONFORM TO THE QUALITY REQUIREMENTS SHOWN IN THE FOLLOWING TABLE:

- WHERE SPECIFIED, CLASS 2 AGGREGATE SUBBASE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 25 OF THE STANDARD SPECIFICATIONS.
- UNDERGROUND IMPROVEMENTS
1. STORM DRAIN PIPE: STORM DRAIN PIPE SHALL CONFORM TO NOTE 6 OF CITY OF STOCKTON STANDARD DRAWING NO. 77. CAST-IN-PLACE CONCRETE PIPE WILL NOT BE ALLOWED. ALL JOINTS FOR JOINTED STORM DRAIN PIPE SHALL BE RUBBER GASKETED JOINTS.
 2. SANITARY SEWER PIPE: ALL SANITARY SEWER PIPE SHALL BE EXTRA STRENGTH CLAY SEWER PIPE CONFORMING TO THE REQUIREMENTS OF SECTION 71 OF THE STANDARD SPECIFICATIONS. TRENCH EXCAVATION, PIPE LAYING AND BACK FILL SHALL ALSO CONFORM TO THE SAME SPECIFICATIONS.
 3. WATER DISTRIBUTION SYSTEM: THE WATER DISTRIBUTION SYSTEM WILL BE INSTALLED BY CALIFORNIA WATER SERVICE COMPANY.

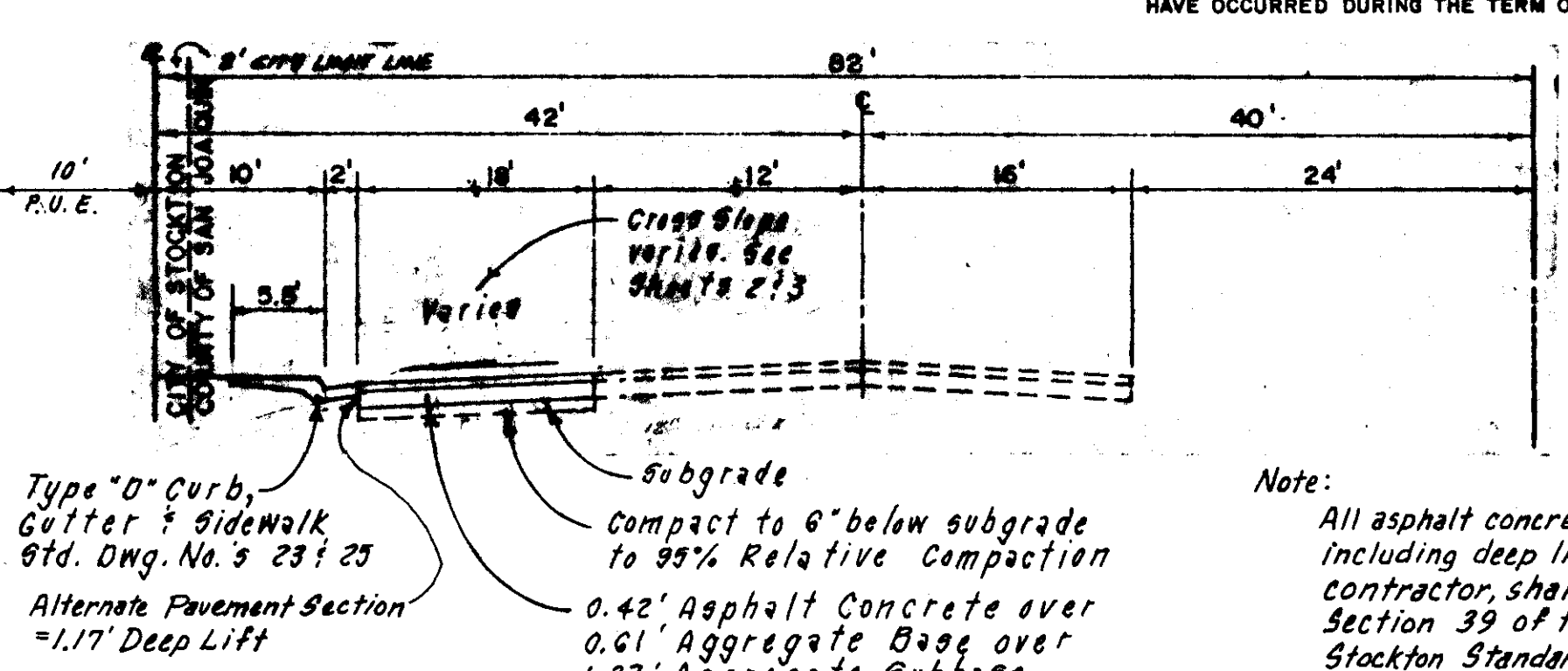


- NOTES:
1. Relative compaction of materials shall be tested by the State of California, Dept. of Transportation Testing Manual, test method No. California 216 or 231.
 2. All existing pavement shall be neatly cut to line prior to trench excavation.
 3. Jelling or ponding will be permitted within the street Right of Way with 3 year band.
 4. * When shown by soil composition and compaction, ninety percent (90%) compaction may be used, when approved by the Director of Public Works.

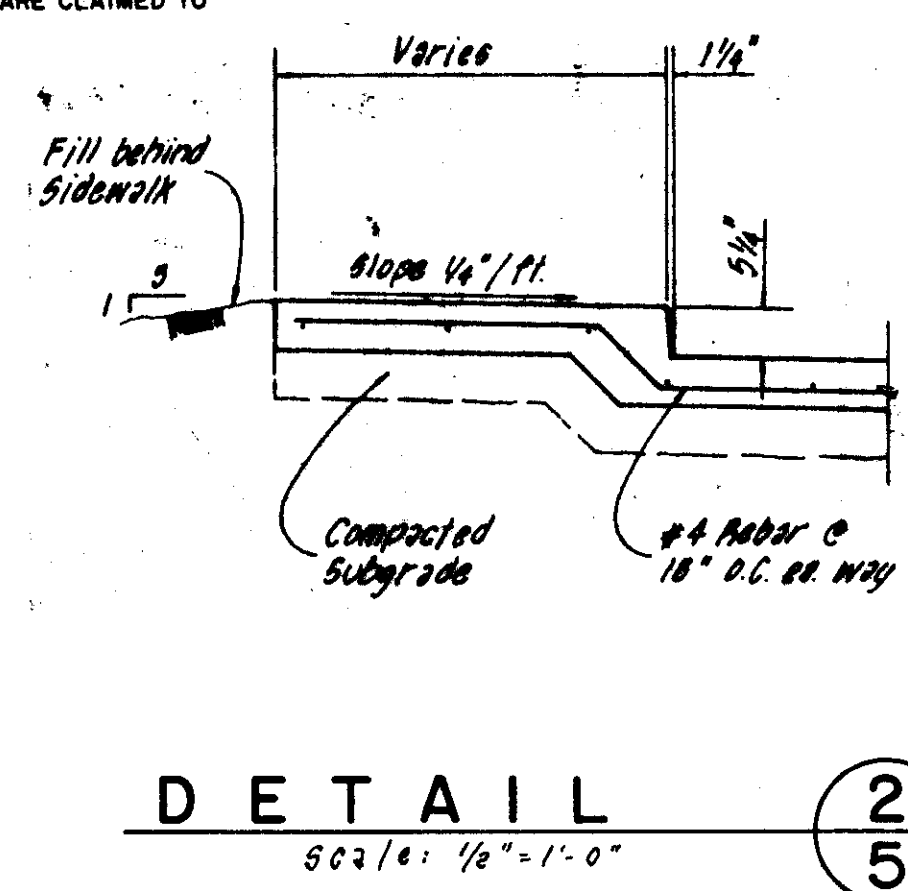
TYPICAL TRENCH SECTION DETAIL 3/5



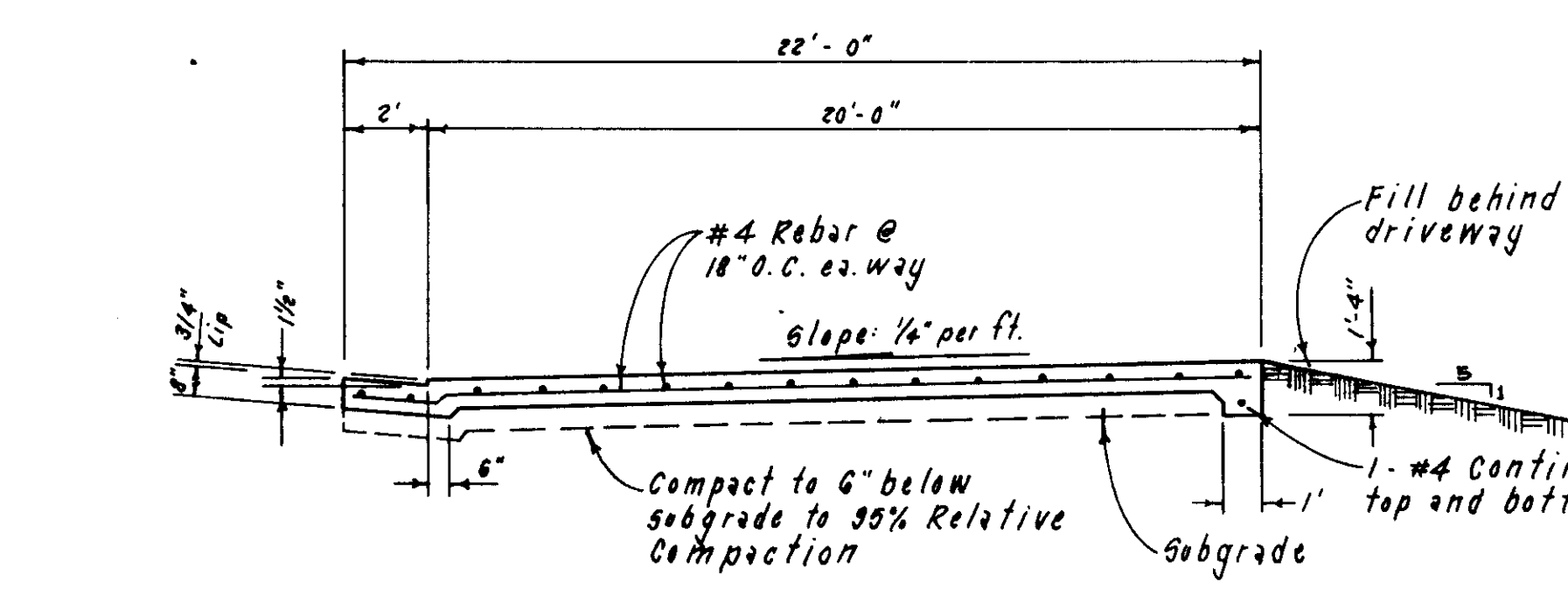
DETAIL 1/5



TYPICAL CROSS SECTION-MARIPOSA ROAD (T.I.-9, R-Value=5) SECTION A/5



DETAIL 2/5



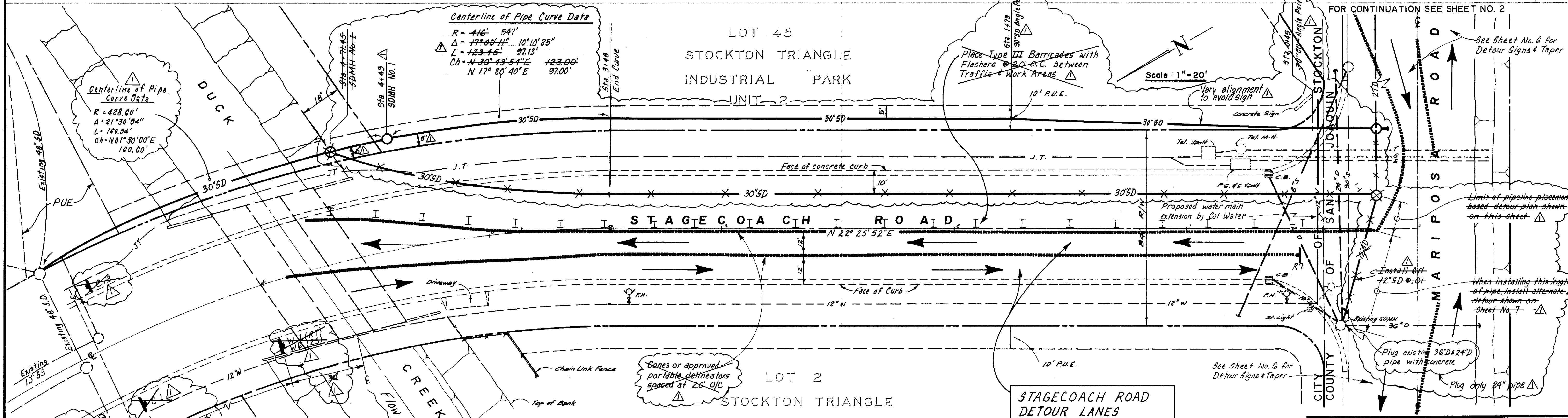
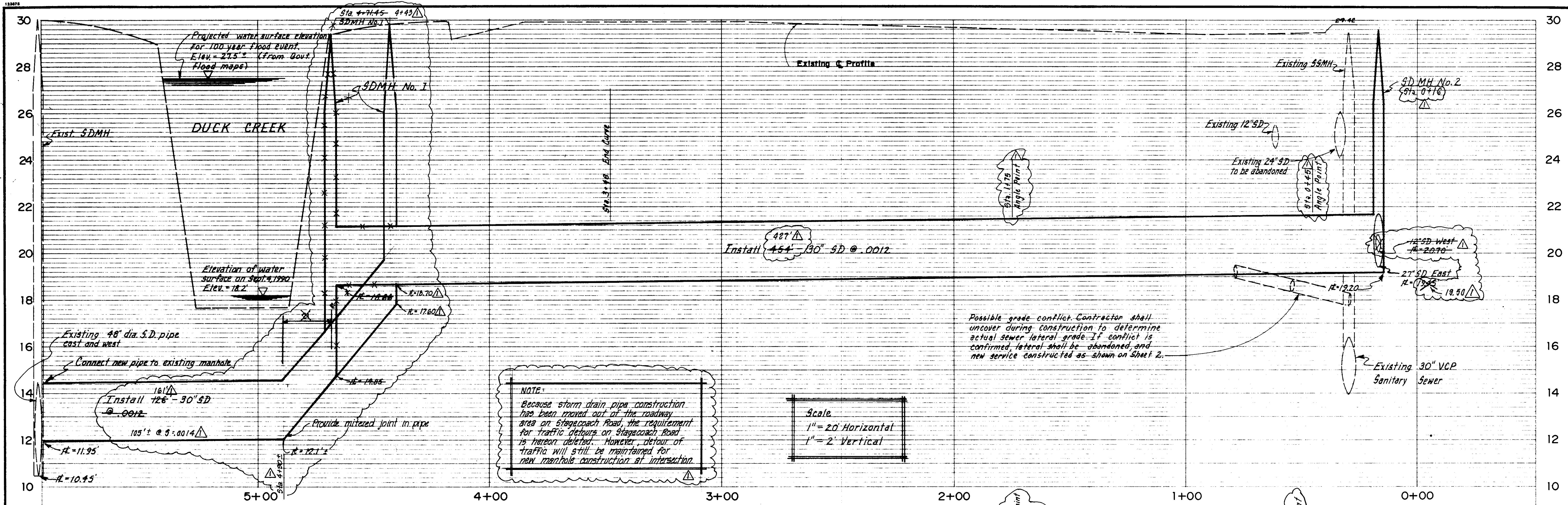
SECTION B/5

NO.	REVISIONS	DESCRIPTION	DATE	BY
1				
2				
3				
4				
5				

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
(209) 943-2921
JOB No. 6742 Submitted By: *R. W. Siegfried* R.C.E. No. 18,225 EXP. 6-30-90

LEBATA INC.
DETAILS SHEET AND GEN. NOTES
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE AS SHOWN	DESIGNED BY L. M. S.	APPROVED BY DATE: 12/21/90	SHEET NO. 5
DRAWN BY S.R.B./CD	CHECKED BY L. M. S.	<i>R. W. Siegfried</i>	OF 10 SHEETS
F. B. NO.	RECORD DWG. BY	CITY ENGINEER STOCKTON, CALIF.	JOB NO.



APPROVED BY	DATE	REVISIONS	DATE	BY
CITY ENGINEER	7/12/91	Revisions required to reflect change in alignment of 30" SD on Stagecoach Road	7-22-91	JGR

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
(209) 943-2021
JOB No. 6742 Submitted by *John M. Sutton* R.C.E. No. 18,225 EXP 6-30-93

LEBATA INC.
STORM DRAIN IMPROVEMENTS
STAGECOACH ROAD (MARIPOSA ROAD TO DUCK CREEK)
DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE: 1" = 20'

DESIGNED BY: L. M. S.

DRAWN BY: W. M. A. / SB/CD

CHECKED BY: L. M. S.

F.B. NO. 434/623

RECORD DWG. BY:

APPROVED BY: DATE 12/21/90

CITY ENGINEER STOCKTON, CALIF.

SHEET NO. 4 OF 10 SHEETS

JOB NO.

LEBATA, INC.
IMPROVEMENT PLANS
FOR
MARIPOSA ROAD EAST OF STAGECOACH ROAD

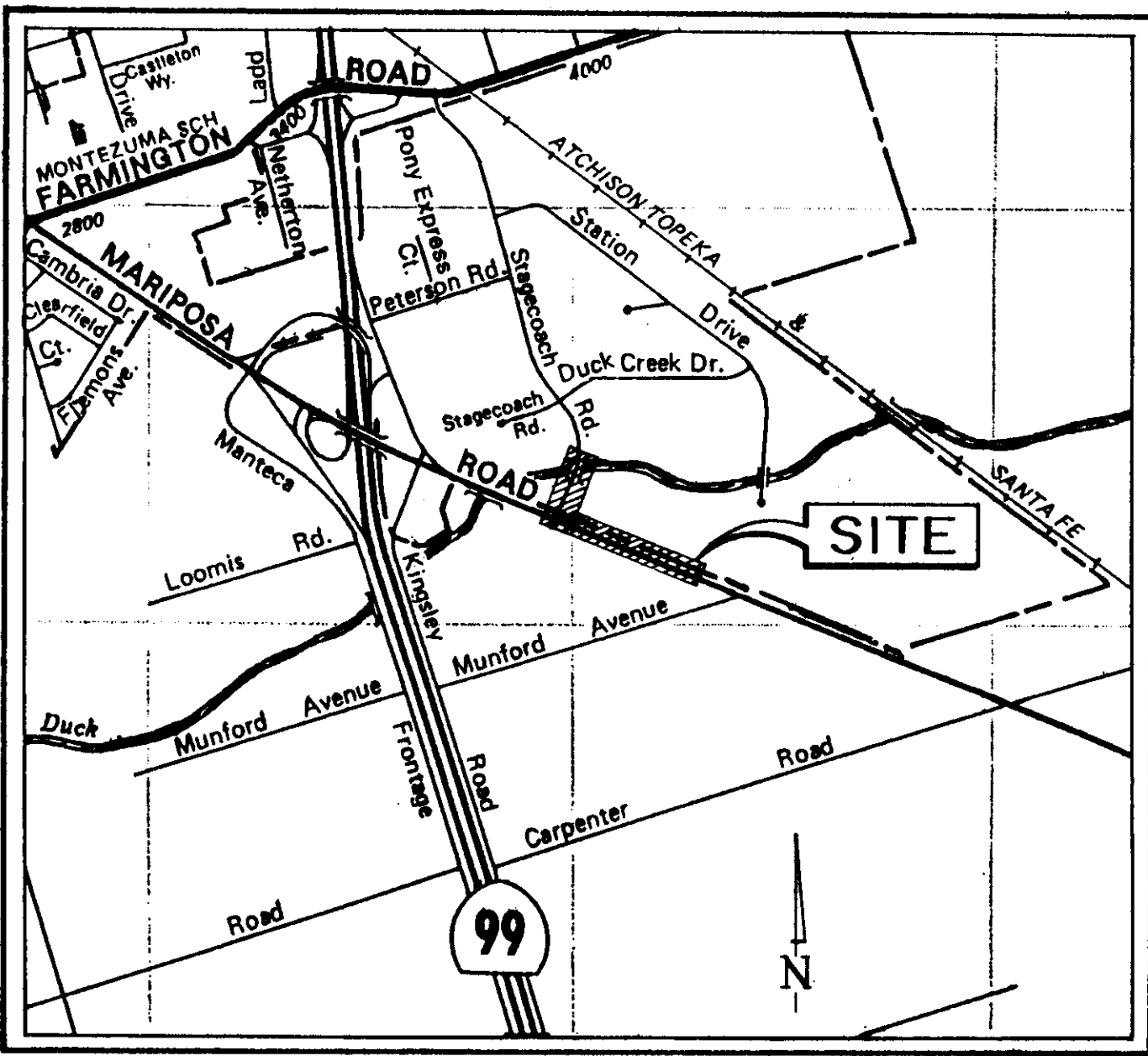
CITY OF STOCKTON , SAN JOAQUIN COUNTY , CALIFORNIA
R.W. SIEGFRIED & ASSOCIATES
STOCKTON , CALIFORNIA
CIVIL ENGINEERS
NOVEMBER , 1990

ABBREVIATIONS:

C.B.	CATCHBASIN (TYPE 2, DWG. NO. 80, UNLESS NOTED)	PL	PROPERTY LINE
C.G.&S.W.	CURB, GUTTER & SIDEWALK	R.C.P.	REINFORCED CONCRETE PIPE
D	STORM DRAIN	R/W	RIGHT-OF-WAY
P.U.E.	PUBLIC UTILITY EASEMENT	S	SANITARY SEWER
DWG. NO.	C.O.S. STANDARD, DRAWING NUMBER	SSMH	SANITARY SEWER MANHOLE (TYPE 1, DWG. NO. 55, UNLESS NOTED)
E.C.	END OF CURVE	SDMH	STORM DRAIN MANHOLE (TYPE 1, DWG. NO. 55, UNLESS NOTED)
F.O.C.	FACE OF CURB	ST. LT.	STREET LIGHT
FL	FLOWLINE	T.C.	TOP OF CURB
P.	PAVEMENT	W	WATER LINE
M.H.	MANHOLE	V.C.	VERTICAL CURB
N.T.S.	NOT TO SCALE	H.P.	HIGH POINT
C.L. / ϕ	CENTER LINE	L.P.	LOW POINT
		J.T.	JOINT TRENCH
		P.O.C.	POINT OF CONNECTION

LEGEND:

	VALVE, DWG. 99
	CLEANOUT, DWG. 64
	WATER MAIN
	SANITARY SEWER
	STORM DRAIN
	MANHOLE, DWG. 55, UNLESS NOTED
	CURB, GUTTER & SIDEWALK
	CATCHBASIN & LATERAL, TYPE 1 DWG. NO. 79, UNLESS NOTED
	FIRE HYDRANT ASSEMBLY, DWG. 101
	INDICATES TRAFFIC CONSTRUCTION SIGN PER CAL-TRANS TRAFFIC MANUAL
	STREET CENTERLINE MONUMENT, DWG. 122
	STREET LIGHT (TO BE MAINTAINED BY CITY OF STOCKTON)
	EXISTING STORM DRAIN (D), SANITARY SEWER (S), WATER (W)
	EXISTING TELEPHONE, ELECTRICAL OR GAS PUBLIC UTILITY
	CONDUIT PULL BOX & CONDUIT
	ELEVATION TO TOP OF CURB OR FLOW LINE
	FIRE HYDRANT
	CROSS SLOPE
	INDICATES AREA OF NEW STREET SECTION SEE TYPICAL SECTION ON SHEET 5
	INDICATES NEW PAVEMENT OF 0.42' A.C.
	INDICATES BOUNDARY BETWEEN DETOUR LANES, INDICATED DURING CONSTRUCTION BY CONES OR APPROVED PORTABLE DELINEATORS SPACED AT 20' O/C



- VICINITY MAP -
N.T.S.

SHEET INDEX:

SHEET NO.	DESCRIPTION
1.	VICINITY MAP, LEGEND, SHEET INDEX AND ABBREVIATIONS
2.	STREET IMPROVEMENT PLANS MARIPOSA ROAD - STA. 0+00.00 TO STA. 5+33.00
3.	STREET IMPROVEMENT PLANS MARIPOSA ROAD - STA. 5+33.00 TO STA. 11+30.42
4.	STORM DRAIN IMPROVEMENTS STAGECOACH ROAD (MARIPOSA RD. TO DUCK CREEK)
5.	DETAIL SHEET AND GENERAL NOTES
6.	ADDITIONAL SAN JOAQUIN COUNTY SPECIFICATIONS AND DETOUR PLAN FOR MARIPOSA ROAD
7.	STAGECOACH ROAD DETOUR PLANS
L-1 to L-3	LANDSCAPE PLANS

MUNICIPAL UTILITIES DEPARTMENT		LEBATA, INC. OFF-SITE IMPROVEMENT PLANS VICINITY MAP, LEGEND, SHEET INDEX AND ABBREVIATIONS	
		12/21/90	
APPROVED		DATE	
R. W. SIEGFRIED & ASSOCIATES CONSULTING CIVIL ENGINEERS 4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204 (209) 943-2023		DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	DESIGNED BY LMS	APPROVED BY: DATE	SHEET NO.
DRAWN BY SB/RKS / WMA	CHECKED BY LMS	12/21/90	1
F. B. NO. 434/623	RECORD DWG. BY		OF 10 SHEETS
JOB NO. 6742 SUBMITTED BY		JOB NO.	

APPROVED BY THE SAN JOAQUIN DIRECTOR
OF PUBLIC WORKS:

HENRY M. HIRATA, R.C.E. 21258
2/7/91
DATE

R. W. SIEGFRIED & ASSOCIATES
CONSULTING CIVIL ENGINEERS
4045 CORONADO AVENUE, STOCKTON, CALIFORNIA 95204
(209) 943-2023
JOB NO. 6742 SUBMITTED BY