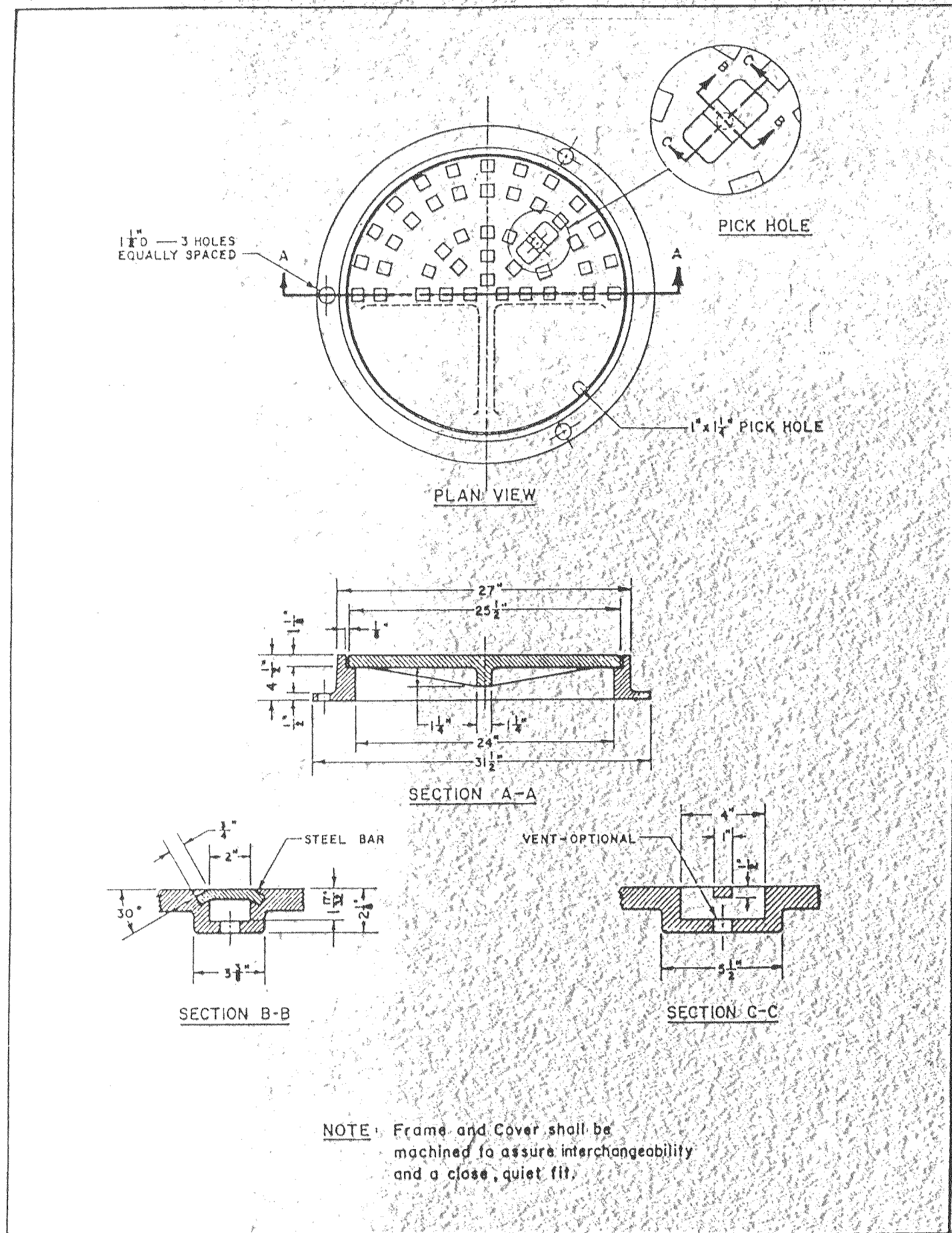
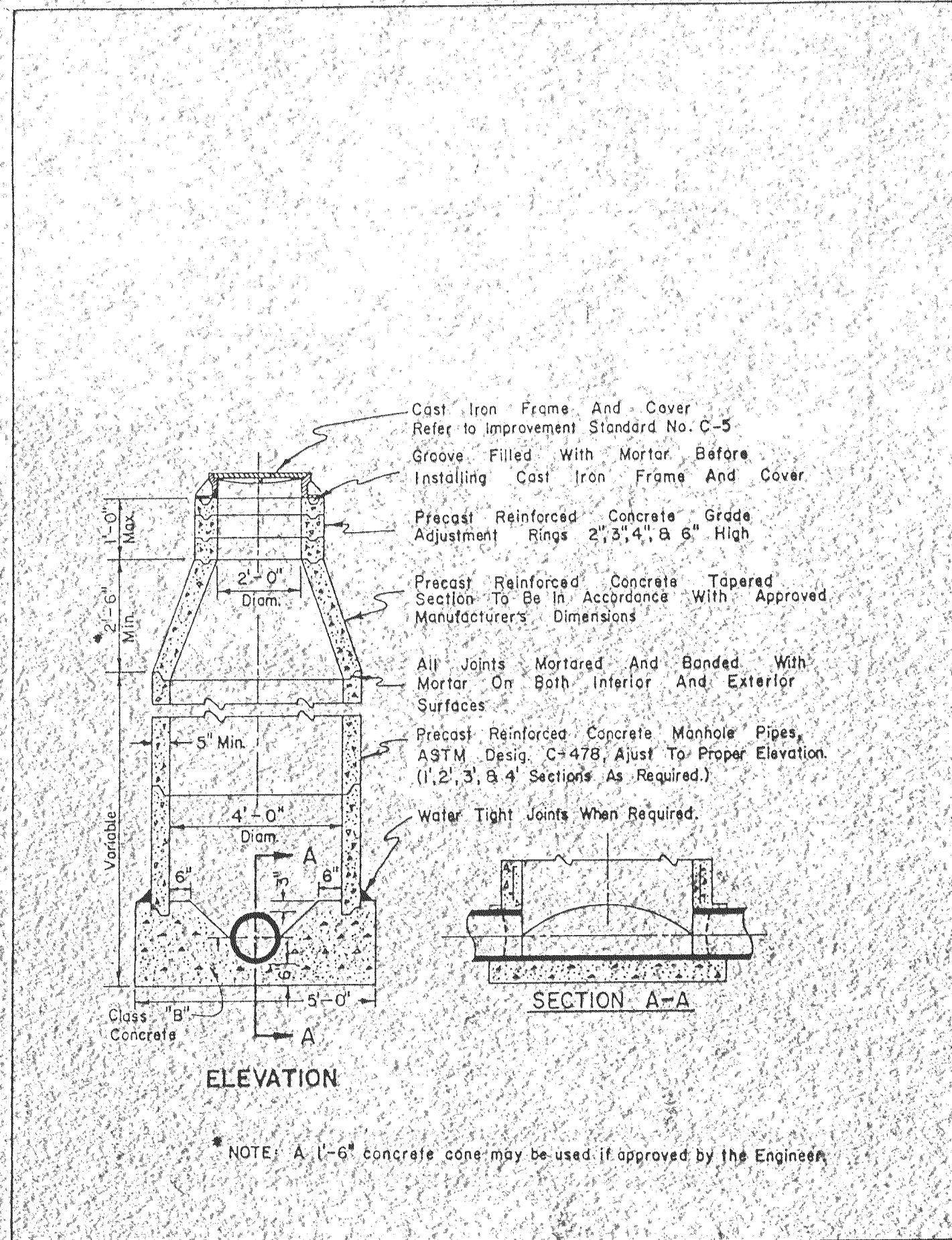
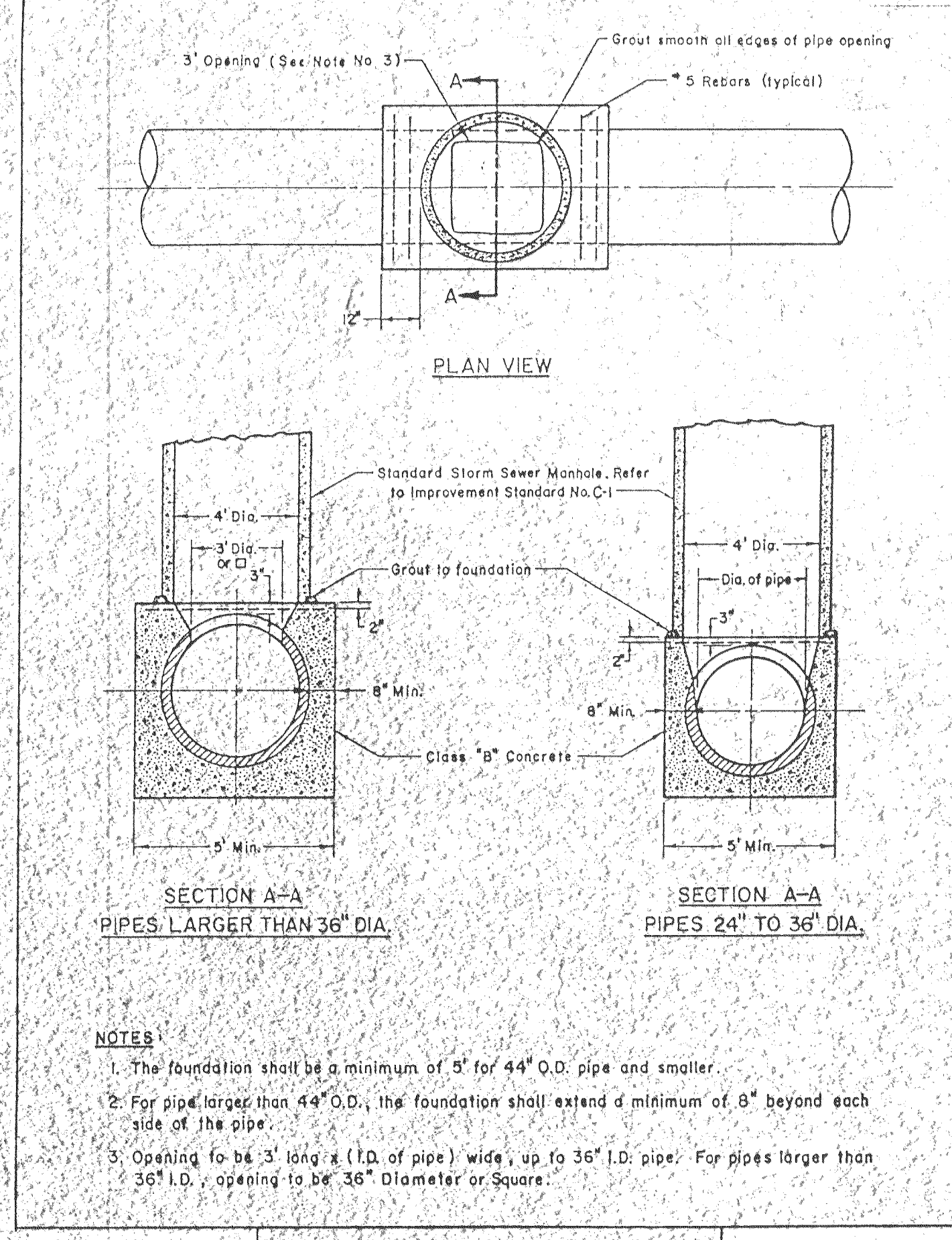




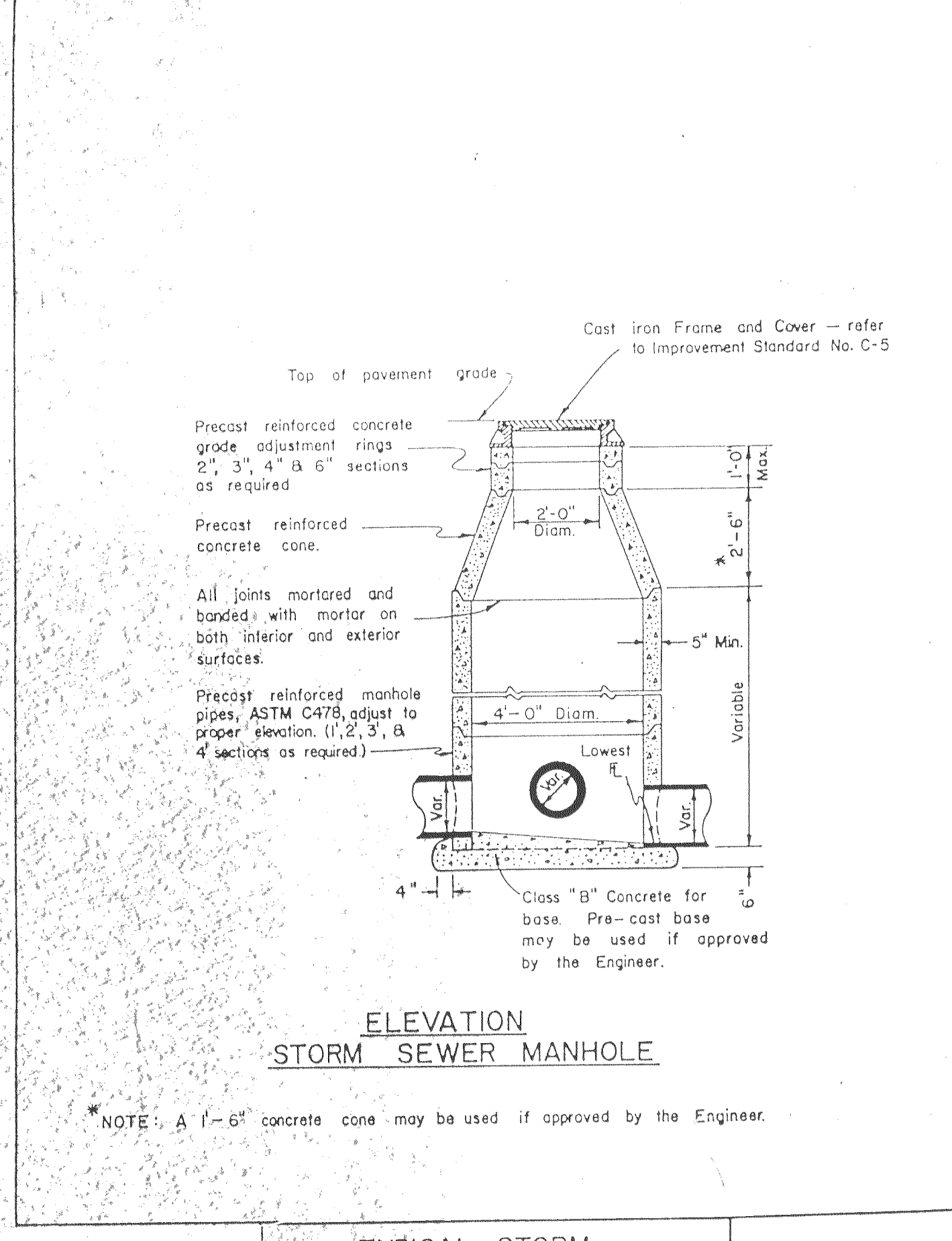
FRAME & COVER
(MANHOLE)



TYPICAL SANITARY
SEWER MANHOLE



SADDLE-TYPE MANHOLE FOR
PIPE 24" DIA. AND LARGER



TYPICAL STORM
SEWER MANHOLE

5-1 TRENCH AND EXCAVATION SAFETY PROTECTION SYSTEM. Attention is directed to Section 5-1.02, "Trench Excavation Safety Plans" of the Standard Specifications, to the provisions of Section 6707 of the Labor Code of the State of California and these special provisions.

The walls and faces of all excavations and trenches 5 feet or more in depth in which employees shall enter shall be effectively guarded by a shoring system, sloping of the ground, or other equivalent means. Excavations and trenches less than 5 feet in depth shall also be so guarded when examinations indicate hazardous ground movement may be expected.

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 tolerances 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 0.31 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.

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 at the AS 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.

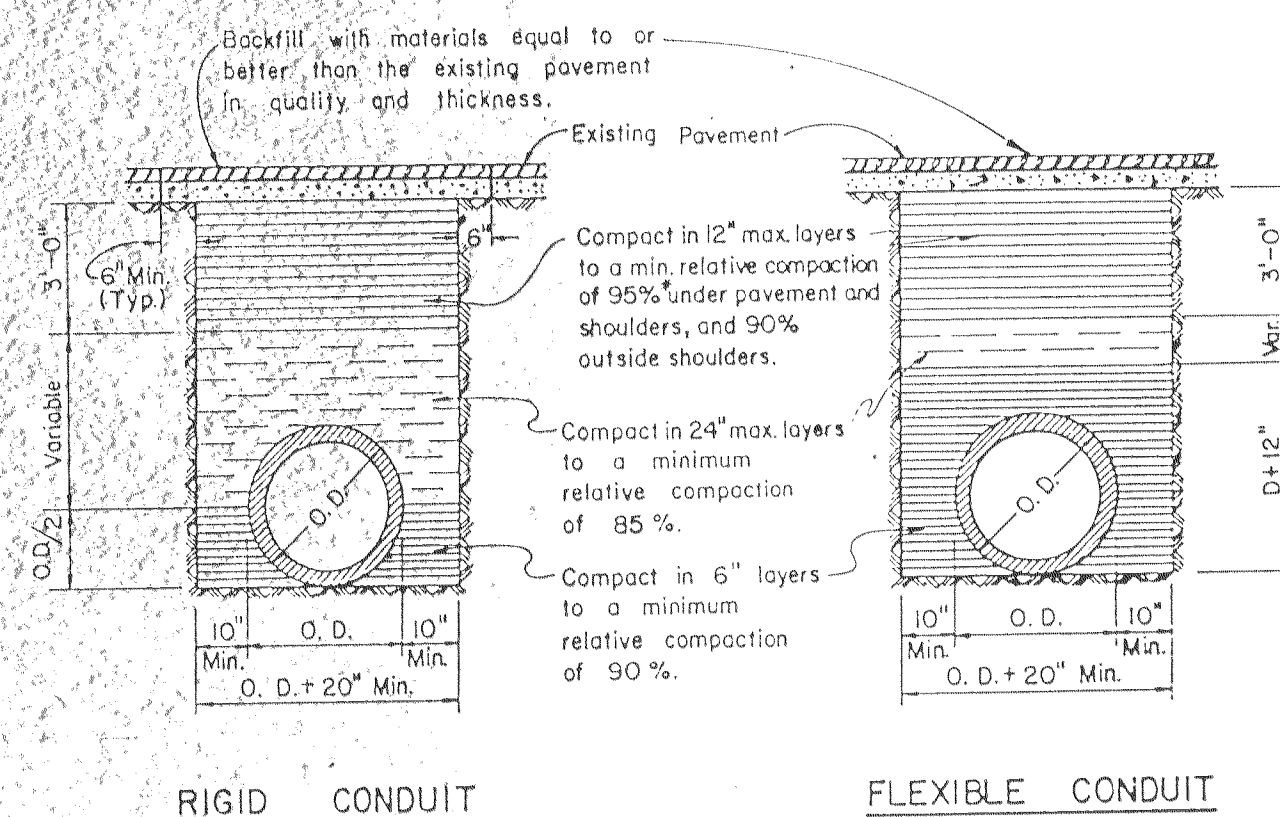
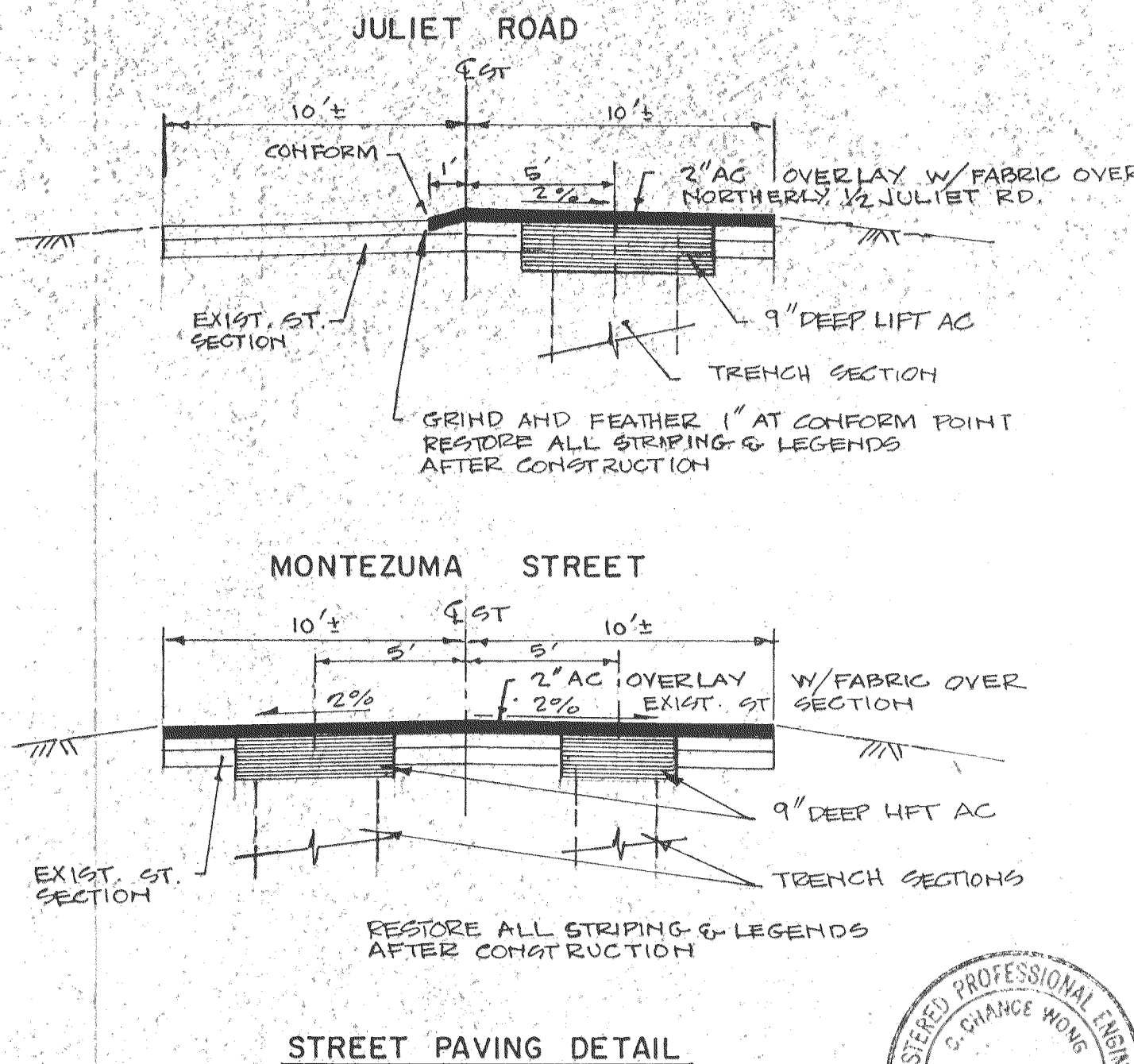
When asphalt concrete gutters are designated on the plans a stringline or wire grade reference shall be required to control longitudinal grade of the gutter. The gutter shall be water tested before acceptance. The maximum deviation from a true grade shall not result in ponding water for depth exceeding 0.04 foot.

Surfacing operations shall be conducted in such a manner that, at the end of each day's work, the distance between the ends of adjacent surfaced lanes shall not be greater than can be completed in the following day of normal surfacing operations.

Portable delineators in conformance with Section 7 of the Construction Details Special Provisions shall be furnished and placed along any edge of new surfacing which has a drop off of more than 0.10 foot.

Existing pavement markers shall be removed and disposed of, unless otherwise shown on the plans.

During the removal of ceramic type pavement markers, screens or other protective devices shall be furnished to contain any fragments as provided for in Section 7-1.09, "Public Safety", of the Standard Specifications.

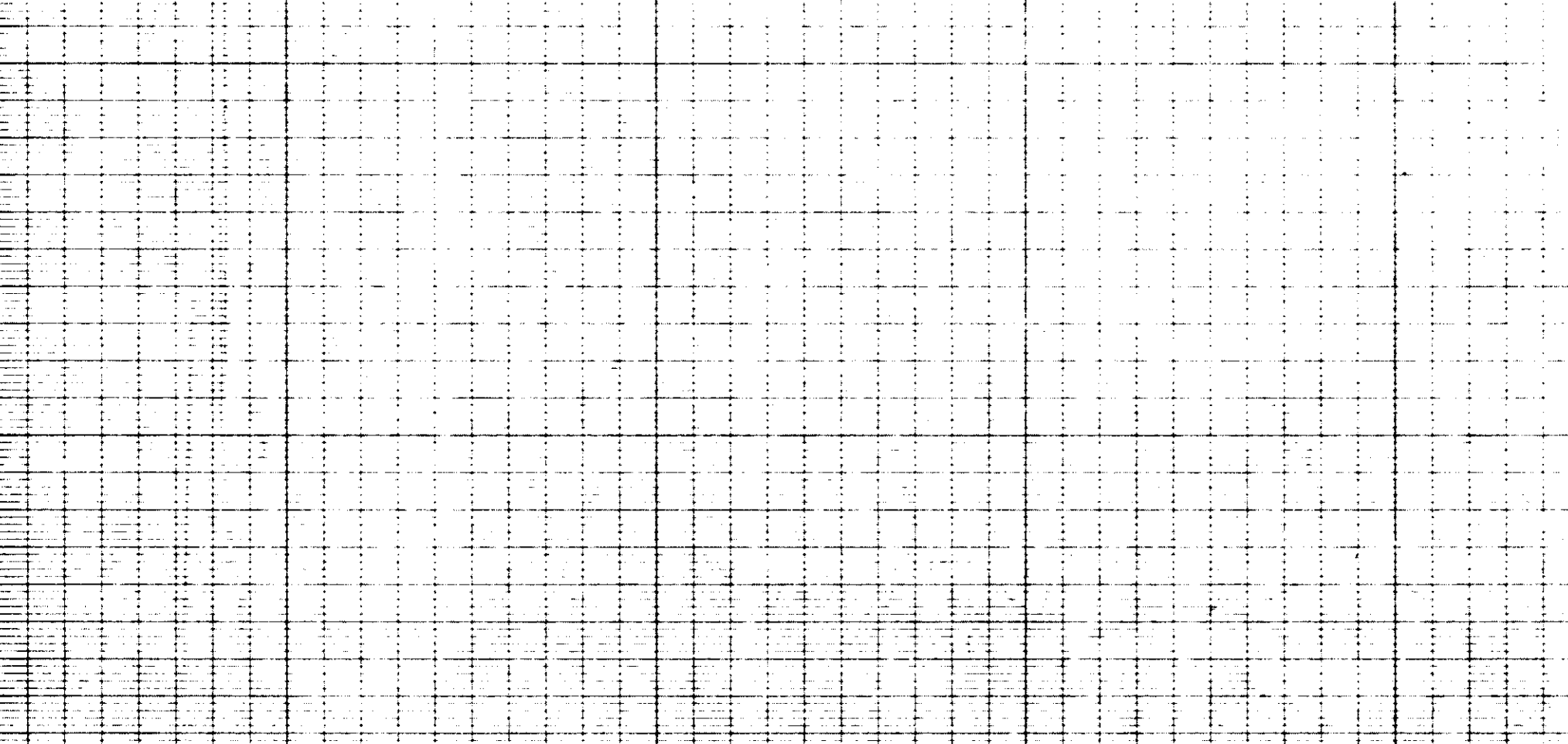
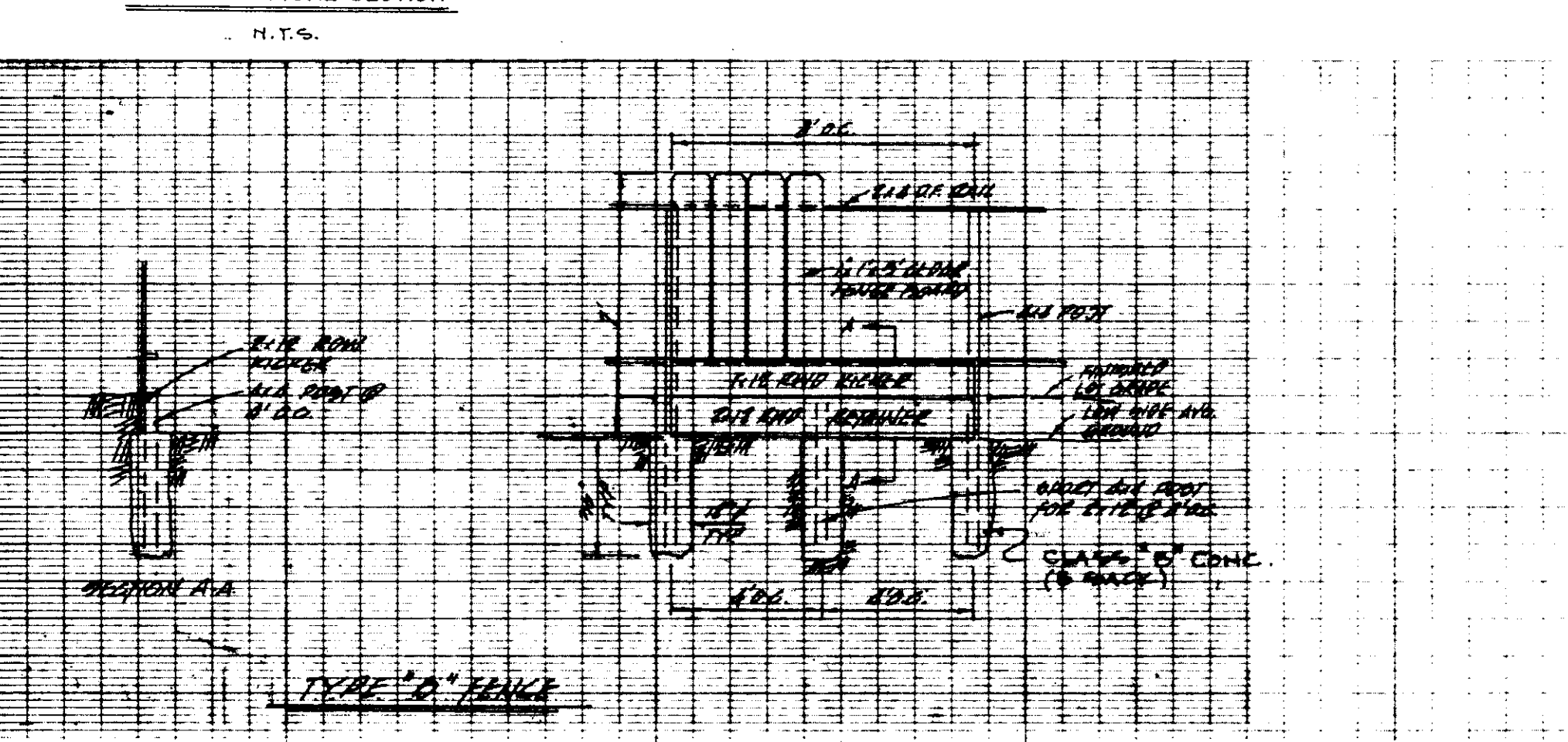
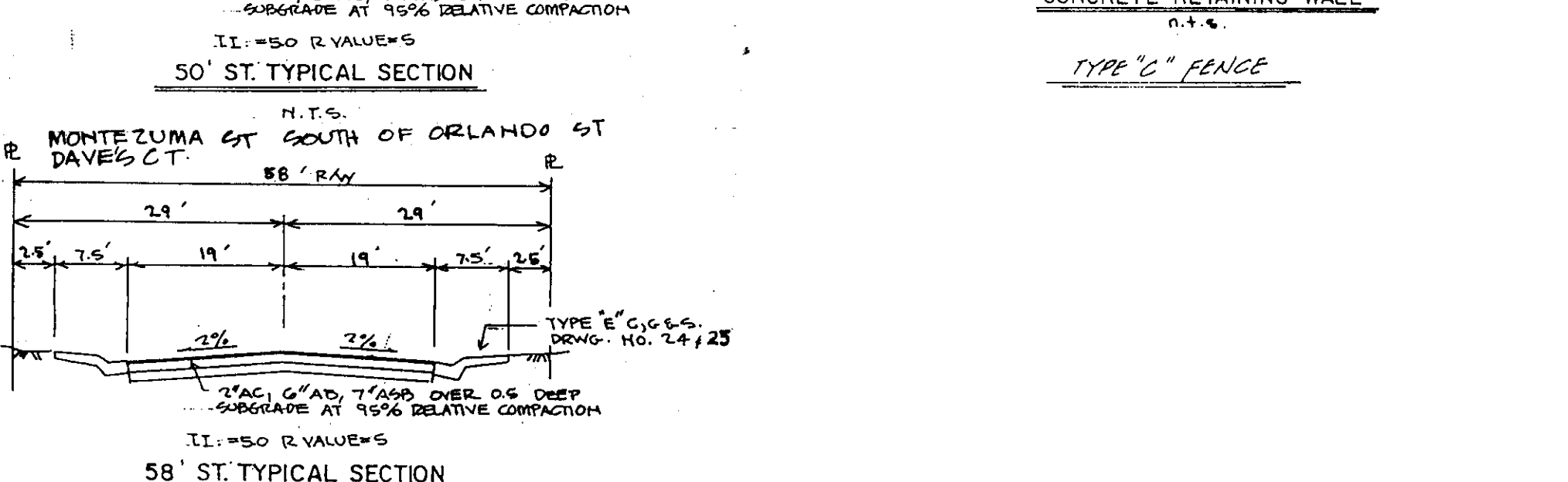
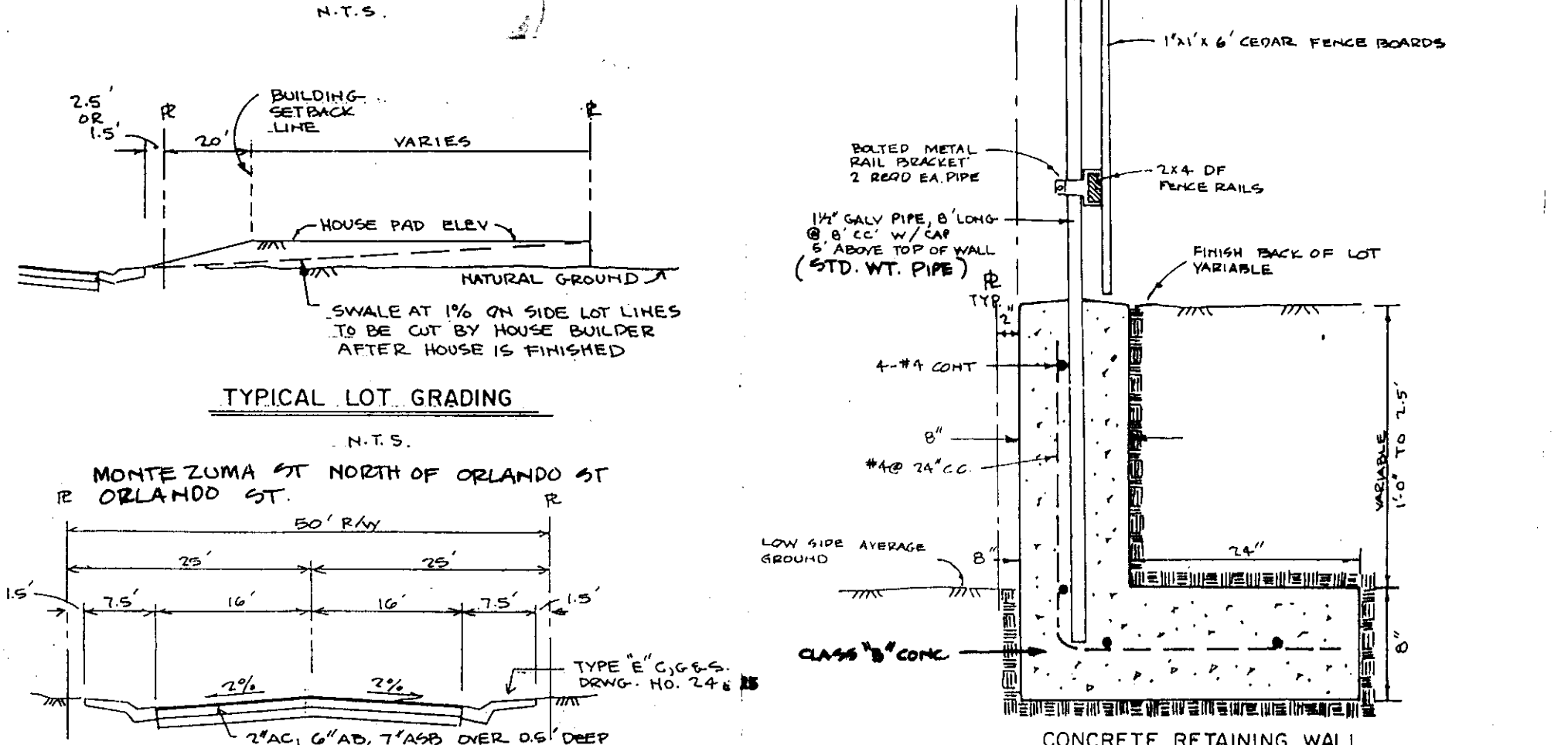
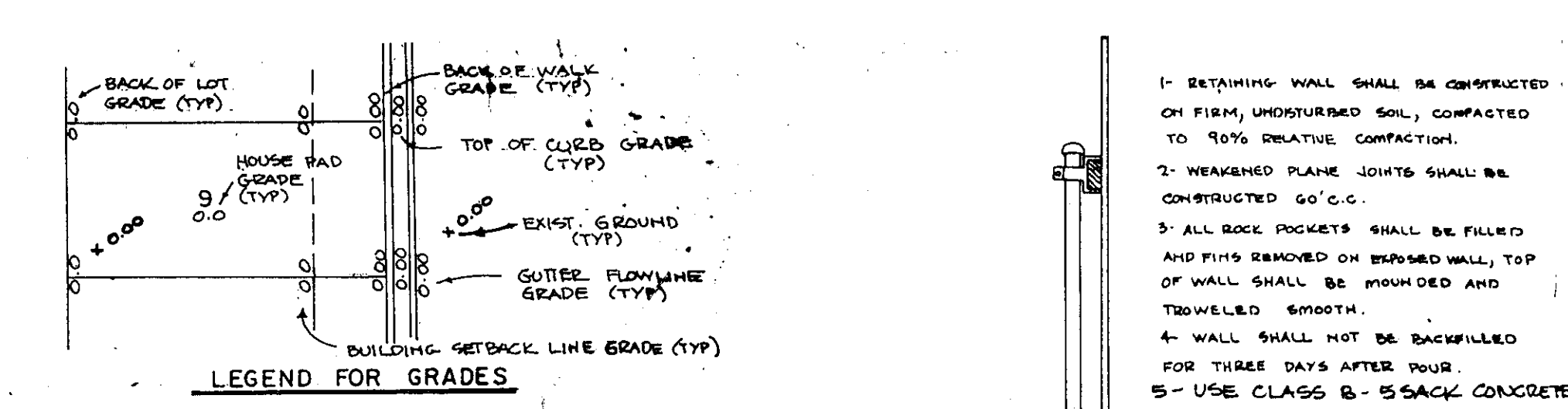


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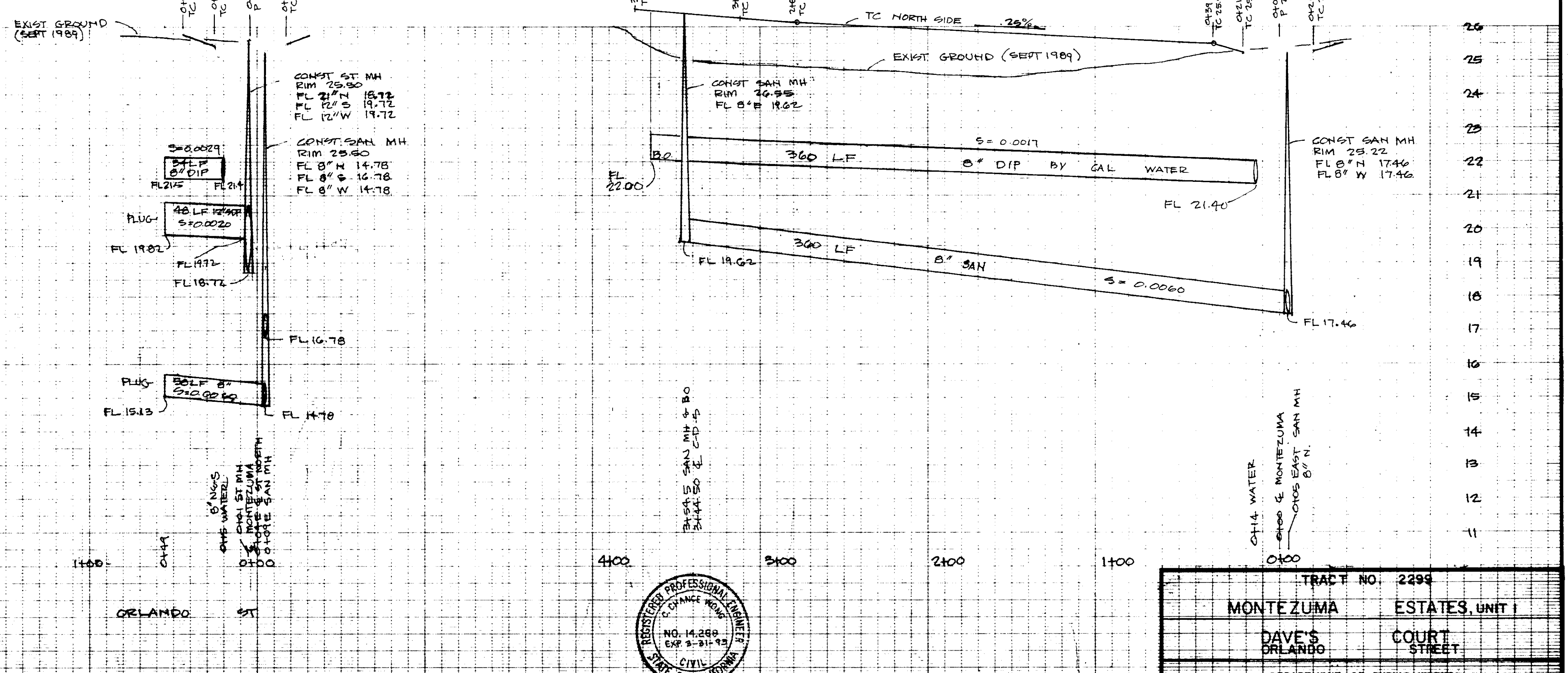
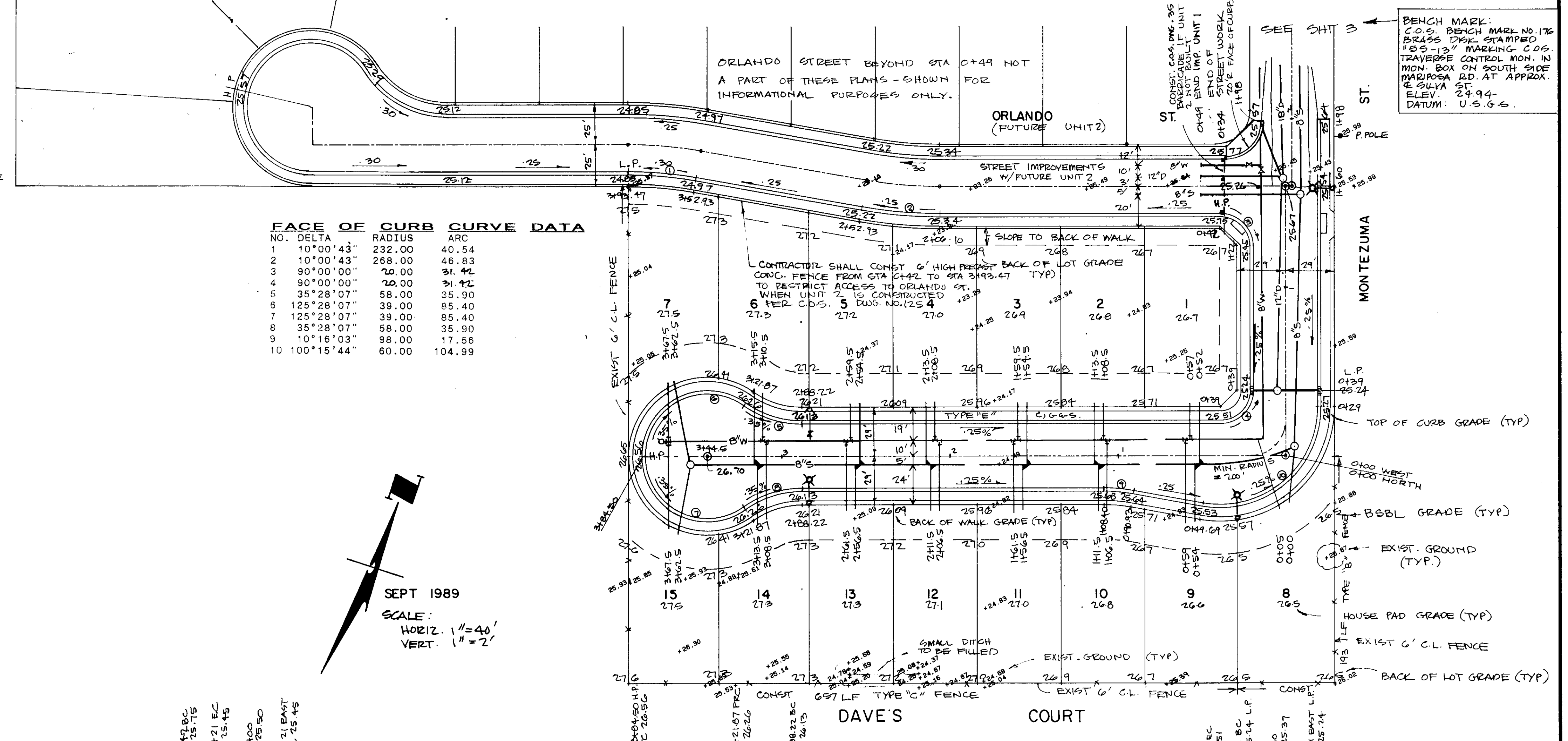
- Relative compaction of materials shall be tested by the State of California, Dept. of Transportation Testing Manual, test method No California 216 or 231.
- All existing pavement shall be neatly cut to line prior to trench excavation.
- Jetting or ponding will be permitted within the street Right of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

TYPICAL TRENCH BACKFILL

APPROVED _____ 19 _____	APPROVED _____ 19 _____	REVISIONS				 WONG ENGINEERS, INC. PLANNING • ENGINEERING • SURVEYING STOCKTON, CALIFORNIA  R.C.E. NO. 14269	JOB NO. 2760 DATE MAY 1990 SCALE HORIZ SCALE VERT DRAWN HAL DESIGN WE CHECK	TRACT NO. 2299	SAN JOAQUIN COUNTY, CALIFORNIA	SHEET 5
		NO.	DESCRIPTION	DATE	BY					OF 5
	HENRY M. HIRATA, DIRECTOR OF PUBLIC WORKS SAN JOAQUIN COUNTY R.C.E. 21258									FILE
								MONTEZUMA ESTATES, UNIT 1 SAN JOAQUIN COUNTY DETAIL SHEET		



APPROVED		APPROVED		REVISIONS		NO.		DESCRIPTION		DATE		BY	



APPROVED _____ 19

APPROVED _____ 19

WONG ENGINEERS, INC.

PLANNING • ENGINEERING • SURVEYING

STOCKTON, CALIFORNIA

R.C.E. NO. 14269

JOB NO. 2670

DATE SEPT 1989

SCALE HORIZ 1" = 40'

SCALE VERT 1" = 2'

DRAWN BY HAL

CHECKED BY WE

AS BUILT BY C.C.W.

TRACT NO. 2299

MONTEZUMA ESTATES, UNIT 1

DAVE'S COURT

ORLANDO STREET

DEPARTMENT OF PUBLIC WORKS

CITY OF STOCKTON, CALIFORNIA

APPROVED BY: DATE 6/27/91

SCALE AS SHOWN

DESIGNED BY WE

DRAWN BY HAL

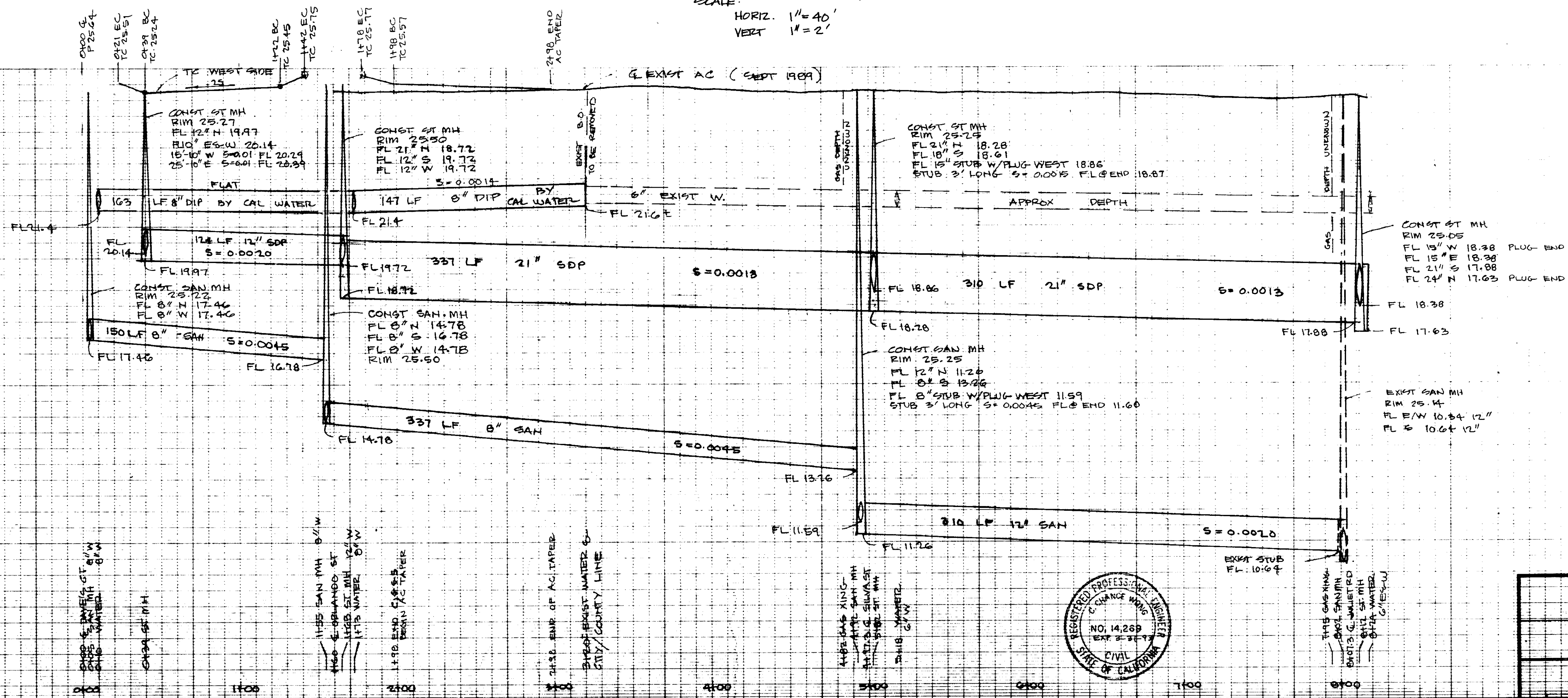
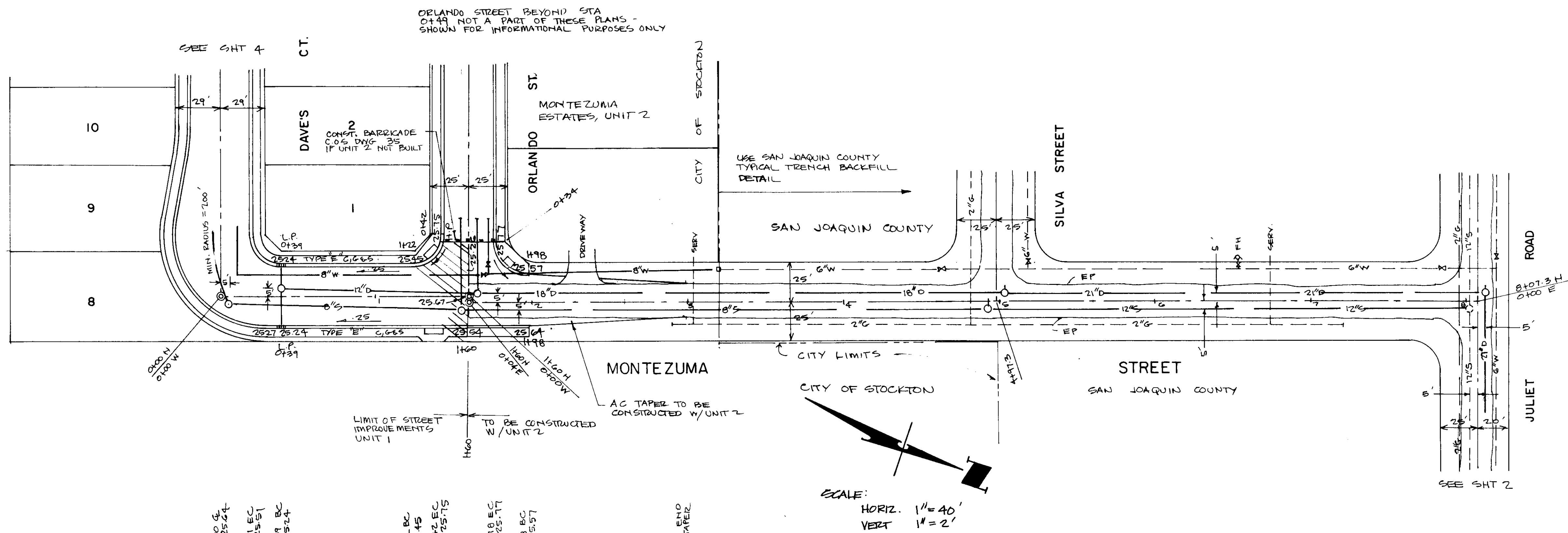
CHECKED BY

AS BUILT BY

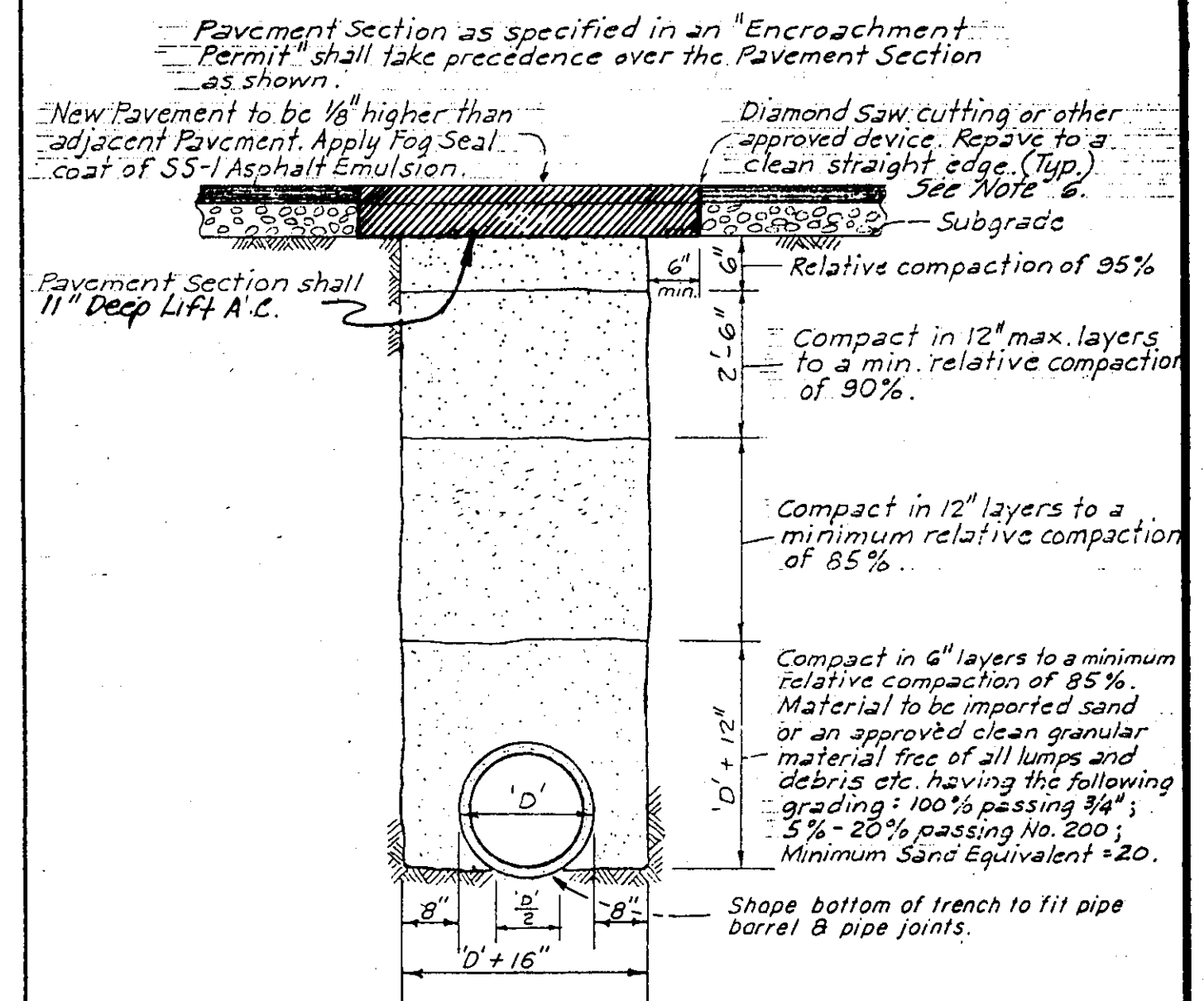
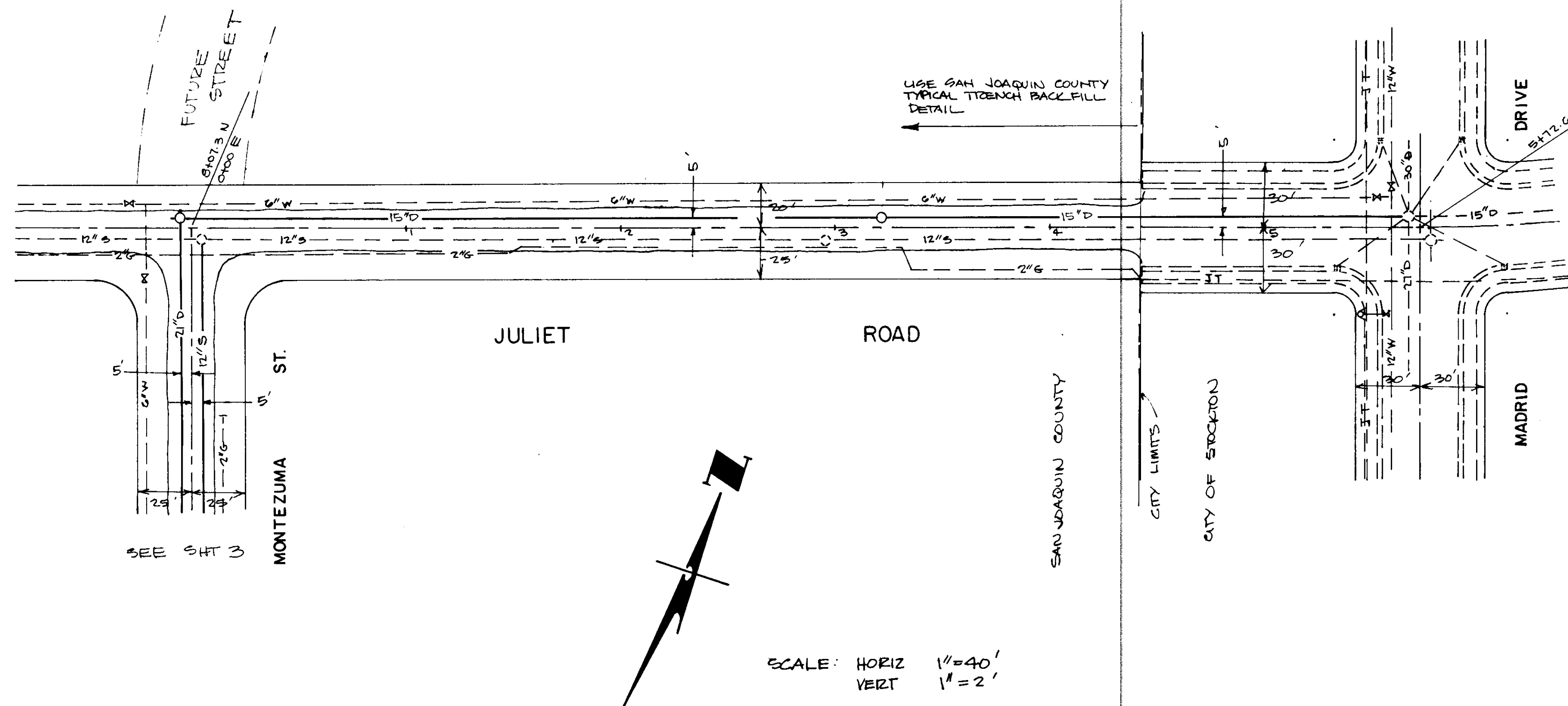
SHEET NO. 4

OF 5 SHEETS

JOB NO. 2670

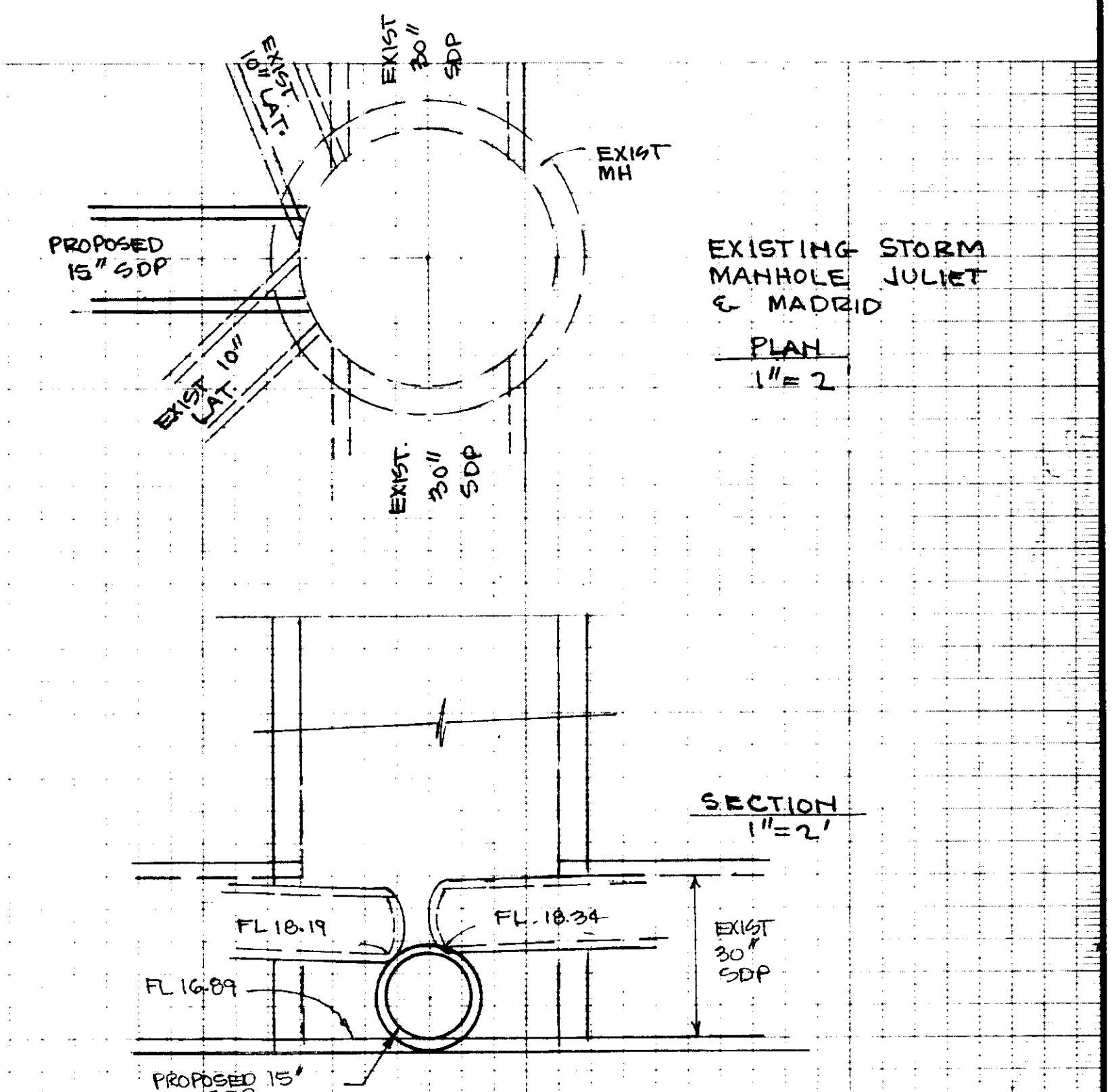
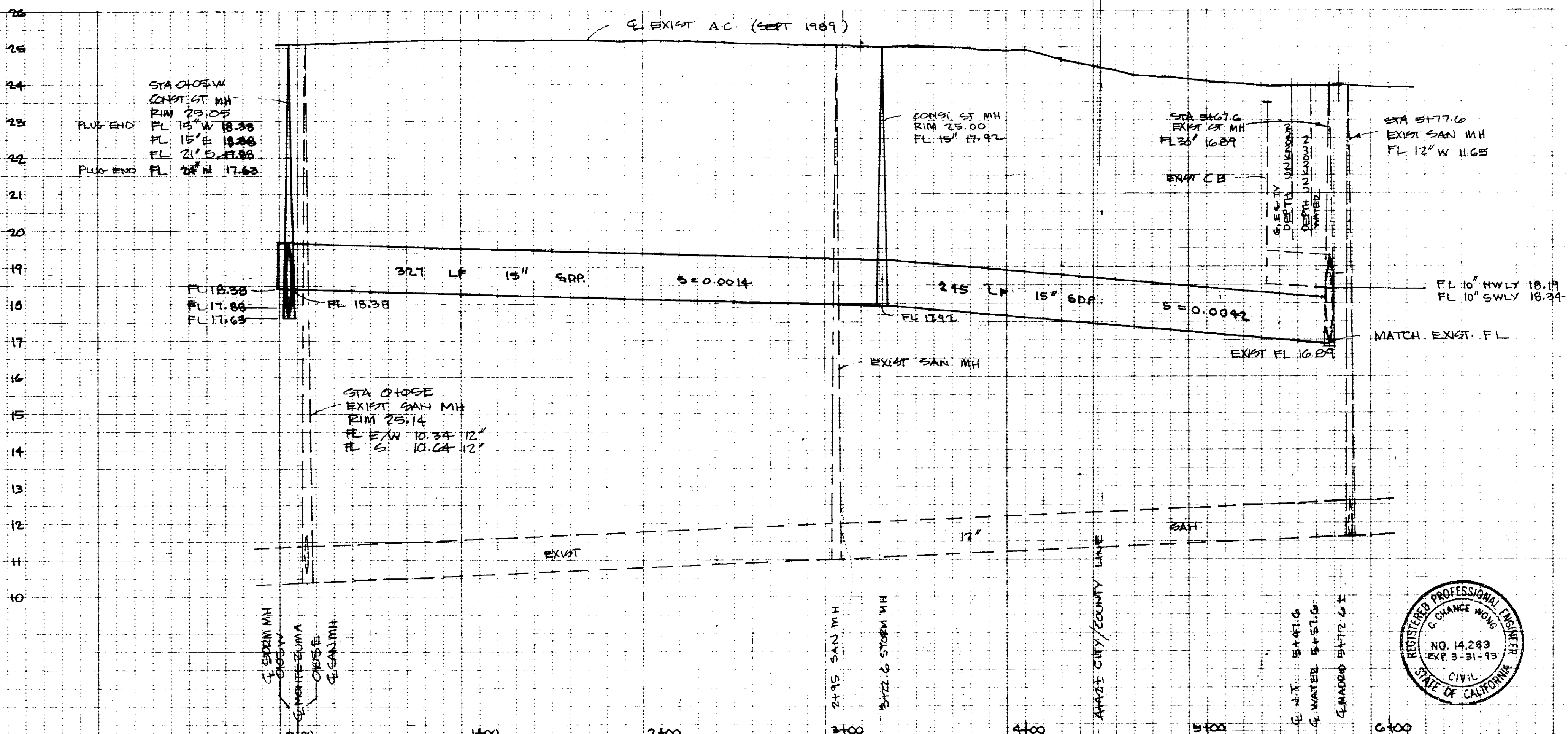


TRACT NO. 1299		SHEET NO. 3	
MONTEZUMA		ESTATES UNIT I	
MONTEZUMA		STREET	
DEPARTMENT OF PUBLIC WORKS			
CITY OF STOCKTON, CALIFORNIA			
SCALE	AS SHOWN	APPROVED BY: DATE <u>6/27/91</u>	SHEET NO. 3
DESIGNED BY	WE	<i>Paul M. Samsbaugh</i> CITY ENGINEER STOCKTON, CALIF	OF 5 SHEETS
DRAWN BY	HAL		JOB NO.
CHECKED BY			2870
AS BUILT BY			



- NOTES**
1. Contractor may at his expense excavate 6" below the bottom of the pipe and replace with sand or aggregate subbase in lieu of shaping bottom of trench to fit pipe barrel. Joints shall be shaped in either case.
 2. When trench and excavation is in existing paved streets, replace pavement 6" on each side of trench.
 3. Trenching in easements and other areas not in street R/W may be backfilled with native material to a relative compaction of 85%.
 4. Deviation from above may be allowed when approved by the City Engineer.
 5. If deviation from standard trench section, it shall be so noted on the Plans and Specifications.
 6. Cracked, rutted, ravelled, brittle, or other poor paving may be line cut.
 7. The above pipe bedding detail applicable to stable soil conditions only.

No.	Revised	By	TRENCH SECTION (EXISTING STREETS)	Approved by <i>Harry D. Montezuma</i> CITY ENGINEER
1	7-1-81	By	CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS	Date 11/8/80 Drawing No. 50
Drawn by	Y. J.			
Checked by				
Scale	None			



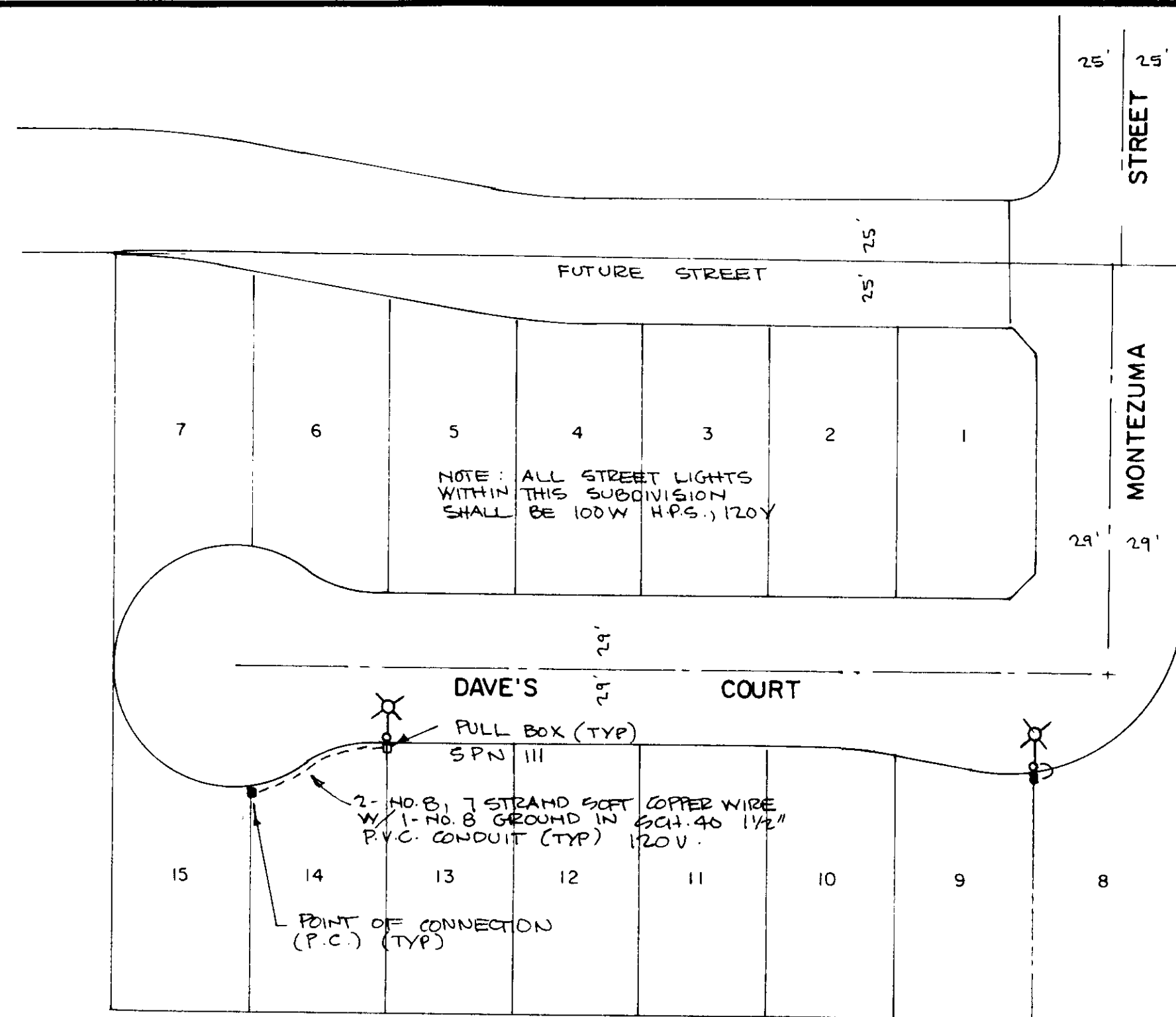
TRACT NO. 2299	ESTATES UNIT I
JULIET ROAD	
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA	
SCALE AS SHOWN	APPROVED BY: DATE 4/27/81
DESIGNED BY WE	
DRAWN BY HAL	
CHECKED BY	
AS BUILT BY	
SHEET NO. 2	JOB NO. 2670

WONG ENGINEERS, INC.
PLANNING • ENGINEERING • SURVEYING
STOCKTON, CALIFORNIA
R.C.E. NO. 14269

JOB NO.	2670
DATE	SEPT. 1989
SCALE HORIZ	1" = 40'
SCALE VERT	1" = 2'
DRAWN	WE
DESIGN	WE
CHECK	C.C.W.

50-2424

3513.1C



STREET LIGHT PLAN 1" = 50'

NOTES FOR PORTION OF WORK WITHIN SAN JOAQUIN COUNTY

GENERAL NOTES

- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY FOR ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THAT CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- PRIOR TO PERFORMING ANY WORK WITHIN THE ROAD RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS.
- CONTRACTOR SHALL OBTAIN A GRADING PERMIT FROM THE SAN JOAQUIN COUNTY BUILDING DIVISION.
- ALL TRAFFIC SIGNS AND MARKINGS SHALL CONFORM TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND SAN JOAQUIN CO. STANDARDS."
- ALL COMPACTION TESTS, AND MATERIAL SAMPLING AND TESTING SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
- ANY CHANGES ON THE APPROVED IMPROVEMENT PLANS AND SPECIFICATIONS MUST BE PREPARED AND CERTIFIED BY THE "CIVIL ENGINEER" AND SHALL BE SUBMITTED TO THE DIRECTOR OF PUBLIC WORKS FOR APPROVAL PRIOR TO IMPLEMENTATION.
- NO SERVICES ARE REQUIRED FOR THESE ROAD IMPROVEMENTS.
- 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; 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, WHICH ARE CLAIMED TO HAVE OCCURRED DURING THE TERM OF THIS PROJECT.
- A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED BEFORE AN ENCROACHMENT PERMIT IS ISSUED.
- A SHORING PLAN SHALL BE SUBMITTED FOR TRENCHES IN EXCESS OF 5' IN DEPTH.
- REFER TO SHEET NO. 5 FOR DETAILS TO BE USED WITHIN SAN JOAQUIN COUNTY JURISDICTION.

MATERIALS

- STORM DRAIN PIPE: CONTRACTOR'S OPTION:
- REINFORCED CONCRETE PIPE, RUBBER GASKETED, ASTM C-76, CLASS III
 - PVC GRAVITY SEWER PIPE, ASTM D-2321, UNITS 8-5
- SANITARY SEWER PIPE: CONTRACTOR'S OPTION:
- VITRIFIED CLAY
 - ABS
 - PVC (SDR-35)
- WATER LINE: (INSTALLED BY CAL WATER)
- DUCTILE IRON PIPE

DISTRICTS SUPPLYING SERVICES

WATER - CALIFORNIA WATER SERVICE COMPANY
SEWER - CITY OF STOCKTON
STORM - CITY OF STOCKTON
STREET LIGHTS - CITY OF STOCKTON
FIRE - CITY OF STOCKTON FIRE DEPARTMENT

LEGEND

EXISTING	TO BE CONSTRUCTED
---S---	---S--- SANITARY SEWER
---D---	---D--- STORM DRAIN
---SAH---	---SAH--- SANITARY MANHOLE
---ST---	---ST--- STORM DRAIN MANHOLE
---SAH---	---SAH--- SANITARY MANHOLE S.J.CO.STD. NO.D-1
---ST---	---ST--- STORM DRAIN MANHOLE S.J.CO.STD. NO.C-1 24" & OVER NO.C-2 FRAME & COVER FOR EA. S.J.CO.STD. NO.C-5

ABBREVIATIONS

P.U.E.	PUBLIC UTILITY EASMENT
SANMH	SANITARY SEWER MANHOLE
SSLH	SANITARY SEWER LAMPHOLE
S	SANITARY SEWER LINE
STMH	STORM DRAIN MANHOLE
CB	CATCH BASIN
D	STORM DRAIN LINE
	FLOWLINE
CL	CENTERLINE
FH	FIRE HYDRANT
BO	BLOW OFF
WM	WATER METER
GV	GATE VALVE
W	WATER LINE
PD	POWER POLE
AC	ASPHALT CONCRETE
CONST	CONSTRUCT
SPN	STANDARD PLAN NUMBER
C.O.S.	CITY OF STOCKTON

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 WONG ENGINEERS, INC., 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 AND MITIGATED HAD WONG ENGINEERS, INC., PERFORMED THE CONSTRUCTION STAKING WORK.
- ALL REFERENCES TO CONTRACTOR SHALL MEAN CONTRACTOR FOR SITEWORK SHOWN ON THIS PLAN ONLY.

THE WATER UTILITY IS CONVERTING ITS METER READING SYSTEM TO A DIRECT INPUT SYSTEM. WE WILL BE USING THE ROCKWELL (SENSUS) TOUCH READ PIT PROBE (TR/PL) UNITS IN COMBINATION WITH THE RADIX PASSPORT HANDHELD READING DEVICE.

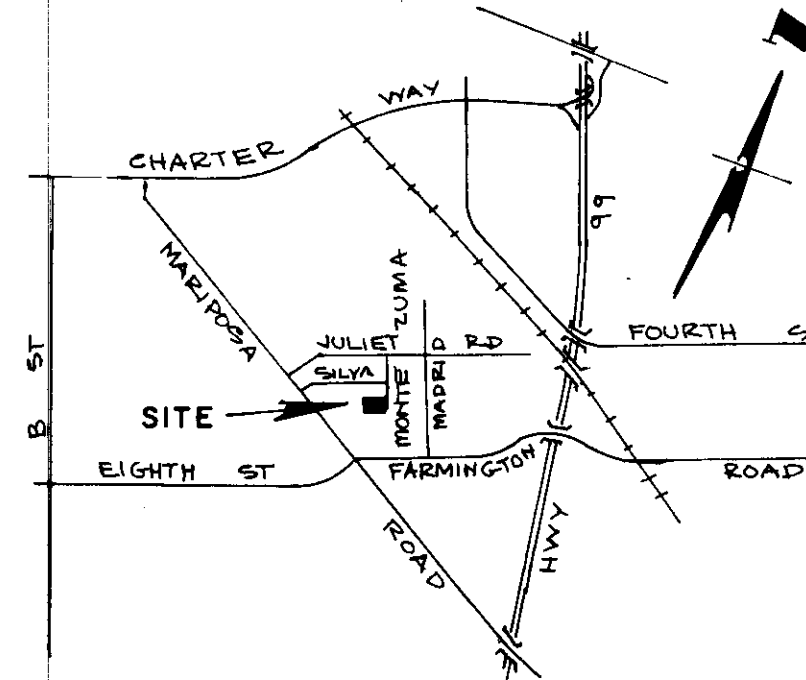
THE ROCKWELL EQUIPMENT WILL REQUIRE A 1-3/4" HOLE IN THE METER BOX COVER. BOTH CHRISTY AND BROOKS PRODUCTS MANUFACTURE COVERS THAT ARE AVAILABLE IN THIS AREA. THE CHRISTY UNITS WOULD BE DESIGNED AS 1" B-12 TR/PL, 2" B-36 TR/PL, AND THE BROOKS UNITS WOULD BE DESIGNED AS NO. 37 TR/PL AND NO. 66 TR/PL.

LEGEND

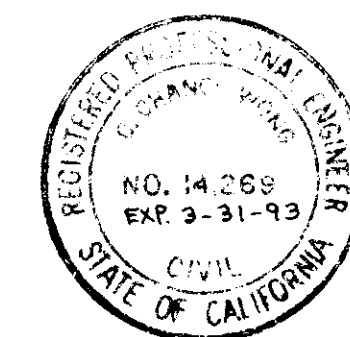
EXISTING	TO BE CONSTRUCTED
---S---	---S--- SANITARY SEWER LINE
---SAH---	---SAH--- SANITARY MANHOLE SPN 55
---SAH---	---SAH--- SANITARY LAMPHOLE SPN 63
---LH---	---LH--- SANITARY LAMPHOLE SPN 58 & 59
---D---	---D--- STORM DRAIN LINE
---ST---	---ST--- STORM MANHOLE SPN 93
---CB---	---CB--- STORM CATCH BASIN SPN 79
---W---	---W--- WATER LINE
---FS---	---FS--- WATER SERVICE SPN 93
---FH---	---FH--- FIRE HYDRANT SPN 101
---BO---	---BO--- BLOW OFF SPN 98
---X---	---X--- WATER VALVE SPN 99
---	--- CURB, GUTTER & SIDEWALK SPN 23
---	--- TIMBER BARRICADE SPN 35
---	--- CENTERLINE MONUMENT SPN 122
---	--- STREET LIGHT SPN 114
---	--- STREET SIGN SPN 36
---	--- WHEELCHAIR RAMP SPN 31
---	--- GAS LINE
---	--- POWER POLE
---	--- PARKING PROHIBITION FOR STOPPING SIGHT DISTANCE

18. FOG SEAL: ALL A.C. PAVING SHALL BE FOG SEALED PER STATE OF CALIFORNIA STANDARD SPECIFICATIONS, SECTION 37.

NOTE: USE OF WATER, EXCEPT FOR RECYCLED, RECLAIMED, OR OTHER NON-POTABLE WATER, FOR THE PURPOSE OF DUST CONTROL OR OTHER CONSTRUCTION USES, UNLESS FOR HEALTH OR SAFETY PURPOSES, IS PROHIBITED.



VICINITY MAP



SHEET INDEX

SHEET 1	TITLE SHEET
SHEET 2	JULIET ROAD PLAN/PROFILE
SHEET 3	MONTUZUMA STREET PLAN/PROFILE
SHEET 4	DAVE'S COURT
SHEET 5	ORLANDO STREET PLAN/PROFILE
	SAN JOAQUIN COUNTY DETAIL SHEET

GENERAL NOTES

- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS, 1984 EDITION, AND ALL AMENDMENTS THERETO TO DATE. ALL WORK SHALL BE DONE UNDER THE INSPECTION OF THE CITY OF STOCKTON DEPARTMENT OF PUBLIC WORKS OR BUILDING DEPARTMENT.
- BENCH MARKS AND ELEVATIONS SHOWN ON PLANS ARE REFERRED TO CITY OF STOCKTON DATUM.
- DRAWING NUMBERS SHOWN ON PLANS REFER TO CITY OF STOCKTON STANDARD DETAILS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FROM DAMAGE ALL EXISTING IMPROVEMENTS THAT ARE TO REMAIN. SUCH IMPROVEMENTS THAT ARE DAMAGED BY THE CONTRACTOR, SHALL BE REPLACED AT HIS EXPENSE.
- CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF STOCKTON PUBLIC WORKS DEPARTMENT AND SHALL NOTIFY CITY ENGINEER 24 HOURS IN ADVANCE OF PERFORMING ANY WORK REQUIRED WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL CONTACT WALT NICHOLS AT 944-8279 OF THE CITY OF STOCKTON FOR A PRECONSTRUCTION CONFERENCE.
- PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE IN THE FIELD THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL FREE NUMBER 800-642-2444.
- EXISTING UTILITIES ARE SHOWN AS THEY ARE BELIEVED TO EXIST. THE OWNER AND THE ENGINEER DO NOT ACCEPT RESPONSIBILITY FOR THEIR ACCURACY. 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.
- 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. EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER, EXISTING UTILITIES ARE SHOWN AS THEY ARE BELIEVED TO EXIST. THE OWNER AND THE ENGINEER DO NOT ACCEPT RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO COMMENCING 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 UTILITY LINES, SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF HIS CONTRACT.
- YOUR ATTENTION TO: SECTION 1540(a)(1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 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, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS, I.E. SEWER, WATER, FUEL, ELECTRIC, ETC., WILL BE ENCOUNTERED AND, IF SO, WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING; AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION."
- EXCAVATION OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY.
- CONTRACTOR SHALL PROVIDE CONSTRUCTION SIGNS AND TRAFFIC DEVICES FOR PUBLIC SAFETY AND CONVENIENCE. CONTRACTOR SHALL KEEP TWO TRAFFIC LANES OPEN IN ADJACENT PUBLIC STREETS AT ALL TIMES DURING CONSTRUCTION.
- PRIOR TO FINAL INSPECTION OF STREET LIGHTS, ENGINEER SHALL SUBMIT AS BUILT DRAWINGS OF STREET LIGHTS, SHOWING THE LOCATION OF THE LIGHTS, CONDUITS, CONDUCTOR SIZES AND POINT OF CONNECTION OF SERVICE. THIS SUBDIVISION WILL NOT BE SUBMITTED TO THE CITY COUNCIL FOR ACCEPTANCE OF IMPROVEMENTS UNTIL ALL STREET LIGHTS ARE INSTALLED AND ENERGIZED.
- THE UNDERGROUND CONTRACTOR SHALL PROVIDE SUFFICIENT RECORDS AND SHALL LEAVE ADEQUATE MARKS IN THE FIELD FOR THE CURB, GUTTER, AND SIDEWALK CONTRACTOR TO ACCURATELY STAMP "S" AND "W" MARKINGS FOR SANITARY AND WATER SERVICES IN THE CONCRETE.
- PARKING SHALL BE PROHIBITED WITHIN 22' OF A CROSSWALK AT AN INTERSECTION AS REQUIRED BY STOCKTON MUNICIPAL CODE SECTION 10-017.3; WITHIN 15' OF A FIRE HYDRANT AS REQUIRED BY CALIFORNIA VEHICLE CODE SECTION 22514; AND TO PROVIDE ADEQUATE STOPPING SIGHT DISTANCE AT INTERSECTIONS.

GRADING NOTES

- CONTRACTOR SHALL DEMOLISH, EXCAVATE, REMOVE AND DISPOSE OF ALL EXISTING CONCRETE OR ASPHALT CONCRETE PAVING, CONCRETE CURB, GUTTER AND SIDEWALK AND DELETERIOUS MATERIAL AS REQUIRED TO CONSTRUCT THE CONTRACT WORK. ALL EXCESS MATERIAL GENERATED BY DEMOLITION, EXCAVATION AND GRADING SHALL BE DISPOSED OF BY THE CONTRACTOR.
- LUMP SUM BID FOR GRADING AND LAND STABILIZATION SHALL INCLUDE EXCAVATION AND FILL OF PAVED AREAS WITHIN THE SITE AND THE PLACEMENT OF ANY EXCESS EXCAVATION ON DESIGNATED AREAS AS DIRECTED BY THE ENGINEER.
- EARTHWORK
THE CONTRACTOR SHALL EXCAVATE, FILL AND GRADE THE PROJECT SITE IN ORDER THAT SITE IMPROVEMENTS CAN BE CONSTRUCTED TO THE GRADES AND SLOPES SHOWN ON THESE PLANS. ALTHOUGH AN ATTEMPT HAS BEEN MADE TO BALANCE EARTH CUT AND FILL QUANTITIES, DUE TO THE APPROXIMATIONS OF EXISTING GRADES AND OTHER CONDITIONS NOT PRECISELY KNOWN THE ENGINEER DOES NOT GUARANTEE THAT SUCH CUT AND FILL QUANTITIES WILL BALANCE. AS EARTH WORK OPERATIONS PROGRESS, MINOR ADJUSTMENTS IN GRADES MAY BE MADE IN ORDER TO BRING THE CUT AND FILL QUANTITIES MORE IN BALANCE, BUT SUCH CHANGES CAN ONLY BE MADE AFTER APPROVAL OF THE OWNER AND THE ENGINEER. THE COST OF SUCH ADJUSTMENTS SHALL BE PAID BY THE CONTRACTOR AND NO EXTRA PAYMENT WILL BE ALLOWED. ANY SURPLUS EARTH MATERIAL SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE. ANY ADDITIONAL EARTH MATERIAL NEEDED TO COMPLETE THE ON-SITE GRADING SHALL BE PROVIDED AND PAID FOR BY THE CONTRACTOR. ANY FILL PLACED SHALL BE PROPERLY COMPACTED AS REQUIRED BY THE PLANS AND THESE SPECIFICATIONS:
A. EARTH FILL TO ESTABLISH PAVED AREA SUBGRADE SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90%, EXCEPT THAT THE AREA WITHIN 6" BELOW SUBGRADE SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95%.
B. EARTH FILL TO ESTABLISH FINISHED GRADE OUTSIDE THE PAVED AREAS SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 80%.

APPROVED 19 _____

APPROVED November 15, 1990

Henry M. Hirata
HENRY M. HIRATA, DIRECTOR OF PUBLIC WORKS
SAN JOAQUIN COUNTY R.C.E. 21258

NO.	DESCRIPTION	DATE	BY



WONG ENGINEERS, INC.

PLANNING • ENGINEERING • SURVEYING
STOCKTON, CALIFORNIA

R.C.E. NO. 14269

JOB NO. 2670

DATE SEPT. 1989

SCALE HORIZ

SCALE VERT

DRAWN

DESIGN

CHECK C.C.W.

TRACT NO. 2299		MONTEZUMA ESTATES, UNIT 1	
TITLE SHEET			
DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA			
SCALE AS SHOWN	APPROVED BY: DATE	SHEET NO.	
DESIGNED BY WE	DATE 11/17/90	1	
DRAWN BY HAL	CITY ENGINEER	OF 5 SHEETS	
CHECKED BY		JOB NO.	
AS BUILT BY	STOCKTON, CALIF.	2670	

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