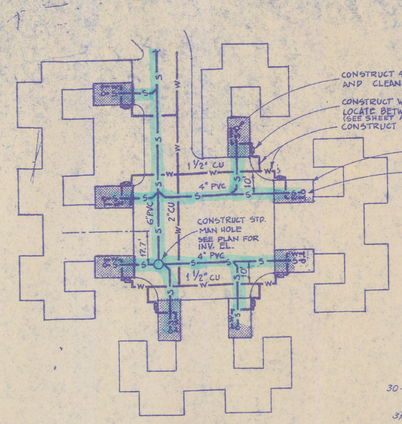
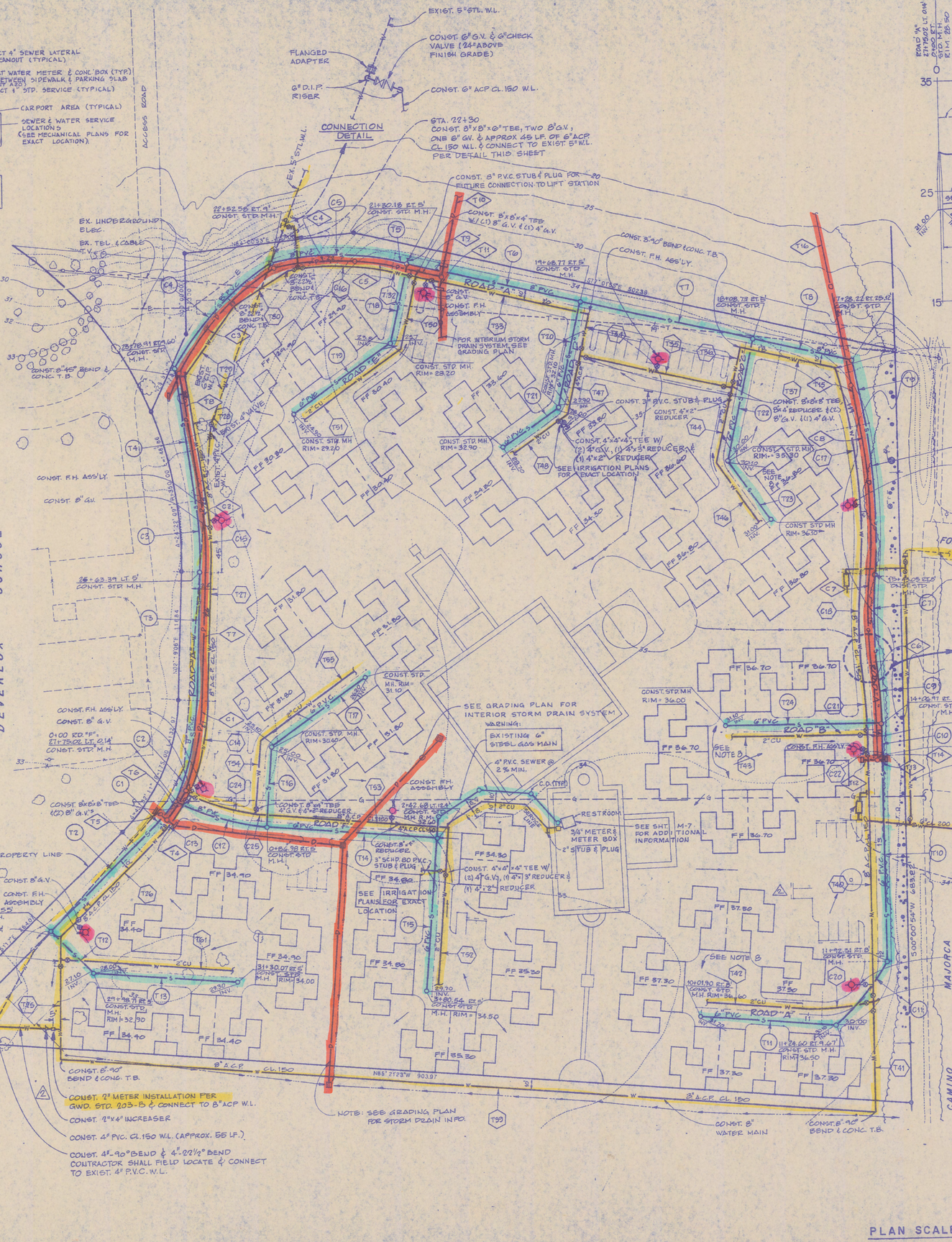
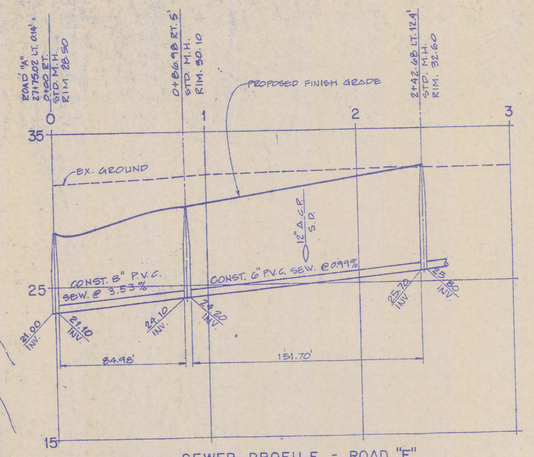


TYPICAL WATER SERVICE & SEWER LATERAL DETAIL

N.T.S.





SEWER PROFILE - ROAD "F"

SCALE: HORIZ.: 1"=40' VERT.: 1"=4'

WATER LINE DATA

NO.	DELTA	RADIUS	LENGTH
C13	13°14' 41"	260.00	60.10
C14	19°18' 31"	260.00	87.70
C15	19°00' 00"	377.00	85.80
C16	23°05' 20"	240.00	96.71
C17	22°40' 14"	482.50	190.91
C18	10°32' 14"	443.50	81.56
C19	4°58' 23"	882.50	85.27
C20	18°26' 46"	200.00	64.39
C21	3°46' 48"	882.50	64.61
C22	1°11' 35"	882.50	20.47
C23	21°08' 32"	200.00	73.80
C24	18°18' 35"	200.00	63.80
C25	4°51' 53"	200.00	16.96

NO.	BEARING	DISTANCE
T25	N00°51' 17" E	110.89
T26	N45°51' 17" E	113.73
T27	N02°19' 06" E	116.84
T28	N08°33' 40" W	113.87
T29	N38°26' 20" E	78.00
T30	N57°30' 00" E	58.52
T31	S77°01' 55" E	183.41
T32	S77°01' 55" E	22.00
T33	S77°01' 55" E	161.41
T34	S12°58' 05" W	38.00
T35	S77°01' 55" E	140.03
T36	S12°58' 05" W	38.00
T37	S77°01' 55" E	87.65
T38	S00°00' 54" W	320.81
T39	N85°21' 23" W	740.81
T40	S00°00' 54" W	220.71
T41	S00°00' 54" W	90.07
T42	N85°21' 23" W	100.95
T43	N89°59' 06" W	137.03
T44	S12°58' 05" W	89.86
T45	S12°58' 05" W	107.86
T46	S35°08' 11" E	80.74
T47	S12°59' 06" W	53.91
T48	S54°51' 49" W	76.49
T49	S12°58' 05" W	91.91
T50	S12°58' 05" W	67.26
T51	S54°51' 49" W	123.70
T52	N04°38' 37" E	157.86
T53	N85°21' 23" W	165.70
T54	N04°38' 37" E	86.81
T55	N54°51' 49" E	120.95
T59	N00°51' 17" E	10.02
T60	N00°51' 17" E	21.20
T61	S85°21' 23" E	171.05

SEWER LINE DATA

NO.	DELTA	RADIUS	LENGTH
C1	8°03' 07"	250.00	35.13
C2	21°24' 20"	250.00	93.40
C3	10°00' 00"	367.00	64.05
C4	30°11' 16"	250.00	131.72
C5	28°09' 41"	250.00	114.15
C6	15°59' 01"	486.00	138.37
C7	10°32' 14"	430.00	79.06
C8	4°58' 22"	896.00	88.44
C9	3°13' 12"	986.00	55.86
C10	1°45' 10"	986.00	30.47
C11	21°14' 05"	200.00	74.12
C12	23°43' 49"	210.00	86.96

NO.	BEARING	DISTANCE
T1	N45°51' 17" E	140.00
T2	N45°51' 17" E	128.38
T3	N02°19' 06" E	116.84
T4	N07°40' 54" W	121.89
T5	S77°01' 55" E	12.00
T6	S77°01' 55" E	161.41
T7	S77°01' 55" E	160.03
T8	S77°01' 55" E	91.81
T9	S10°24' 15" W	58.83
T10	S00°00' 54" W	184.43
T11	N85°21' 23" W	123.70
T12	S44°08' 43" E	64.37
T13	S85°21' 23" E	131.38
T14	S85°21' 23" E	155.70
T15	S04°38' 37" W	137.86
T16	N04°38' 37" E	72.37
T17	N84°51' 48" E	108.26
T18	S12°58' 05" W	73.43
T19	S54°51' 48" W	109.67
T20	S12°58' 05" W	98.08
T21	S54°51' 48" W	62.68
T22	S12°58' 05" W	113.40
T23	S35°08' 11" E	66.27
T24	N89°59' 06" W	140.27

STORM DRAIN

NO.	BEARING	DISTANCE
T4	N50°38' 00" W	25.458
T6	S50°38' 00" E	15.000
T8	N38°17' 38" E	29.258
T7	N02°19' 06" E	116.835
T9	N08°33' 40" W	117.795
T9	S77°01' 55" E	45.000
T10	N12°58' 05" E	150.000
T11	S12°58' 05" W	12.000
T12	S89°59' 06" E	24.000
T13	N89°59' 06" W	9.000
T14	N00°00' 54" E	3.000
T15	N10°24' 15" W	37.000
T16	N10°24' 15" W	160.000

NO.	DELTA	RADIUS	LENGTH
C1	19°19' 31"	255.000	86.009
C2	10°00' 00"	372.000	64.926
C3	29°49' 52"	250.000	129.854
C4	17°25' 19"	250.000	76.018
C5	8°54' 46"	225.000	35.000
C6	4°58' 23"	991.000	86.011
C7	10°32' 14"	435.000	80.002
C8	15°59' 01"	491.000	136.972

UTILITY NOTES:

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS, THE STANDARDS OF THE GOLETA SANITARY DISTRICT, AND THE STANDARDS OF THE GOLETA WATER DISTRICT.
2. EXISTING UNDERGROUND UTILITIES AND SUBSTRUCTURES AS SHOWN HEREON WERE TAKEN FROM THE BEST AVAILABLE SOURCES AND ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL PROCEED WITH CAUTION WHILE EXCAVATING AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
3. THE FOLLOWING AGENCIES SHALL BE ALERTED BY THE CONTRACTOR PRIOR TO COMMENCING ANY WORK AND HE SHALL COORDINATE HIS WORK WITH AND ABIDE BY THE DIRECTION OF SUCH AGENCIES:

UTILITY LOCATING SERVICE	(800) 422-4133
UNIVERSITY OF CALIFORNIA	(805) 961-3459
GOLETA WATER DISTRICT	(805) 964-6761

4. SEE ELECTRICAL AND IRRIGATION PLANS FOR INSTALLATION OF OTHER UTILITIES.
5. FIRE HYDRANTS SHALL BE LOCATED AT CURB RETURNS UNLESS OTHERWISE NOTED.
6. P.V.C. WATER PIPE CONFORMING TO THE REQUIREMENTS OF AWWA C-900 MAY BE USED AS A SUBSTITUTE TO ASBESTOS CEMENT FOR WATER LINES TO BE OWNED AND OPERATED BY THE UNIVERSITY OF CALIFORNIA.
7. SEE SHEET FOR ADDITIONAL REQUIREMENTS IN CONNECTION WITH THE PROPOSED GOLETA WATER DISTRICT MAIN EXTENSION.
8. THE LOCATION OF BUILDINGS & UTILITY SERVICES AT ROADS "B" & "C" SHALL BE ADJUSTED PER PENFIELD & SMITH ADDENDUM DATED 11-26-85.

FOR STORM DRAIN INFORMATION SEE GRADING PLAN

PLAN SCALE: 1"=40'

W.O. 7250 (31-00)

no.	date	by	revision
2	12-5-85	RNS.	REVISED GWD. SERVICE; ADDED CONNECTION TO EXIST. 5" STL. W.L.
1	8-19-85	DGL.	REVISED 6" WATER METER LOCATION; ADDED 2" WAT. METER
1	6-21-85	DGL.	REVISED NOTE AT LIFT STATION

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TEL 805-963-9532

Ronald A. Lafferty DATE 4-29-85
R.C.E. 32,187

project title

U • C • S • B

PROJ. NO. 986320

sheet title

WATER & SEWER LINES

scale	1:40	date	
drawn		checked	
project no.		sheet no	

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Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and the architects shall be informed of any variations from the dimensions and conditions shown on this drawing. Shop drawings shall be submitted to the architects for approval before proceeding with fabrication.

U.C.S.B. DWG. NO. 901-101