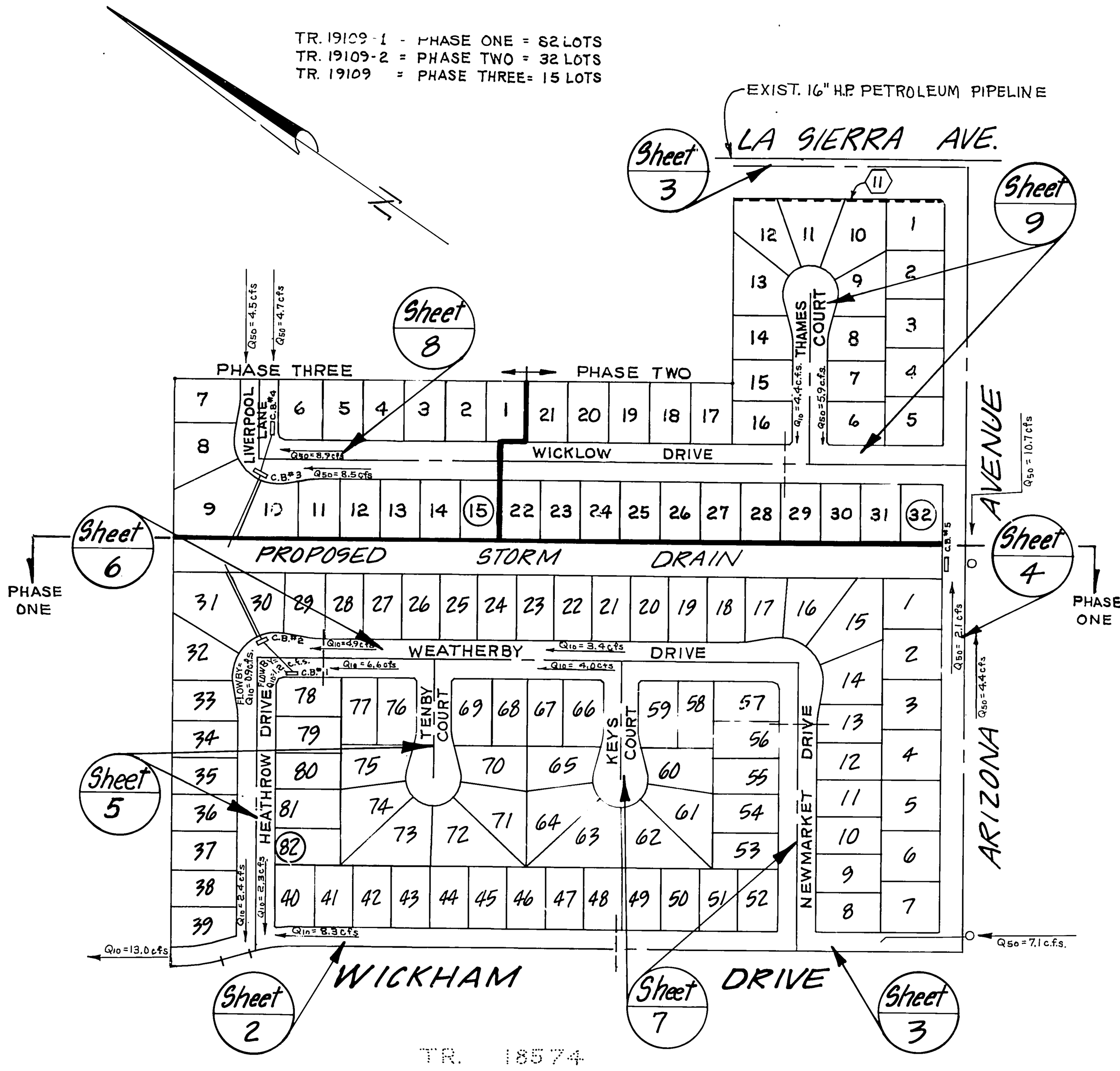
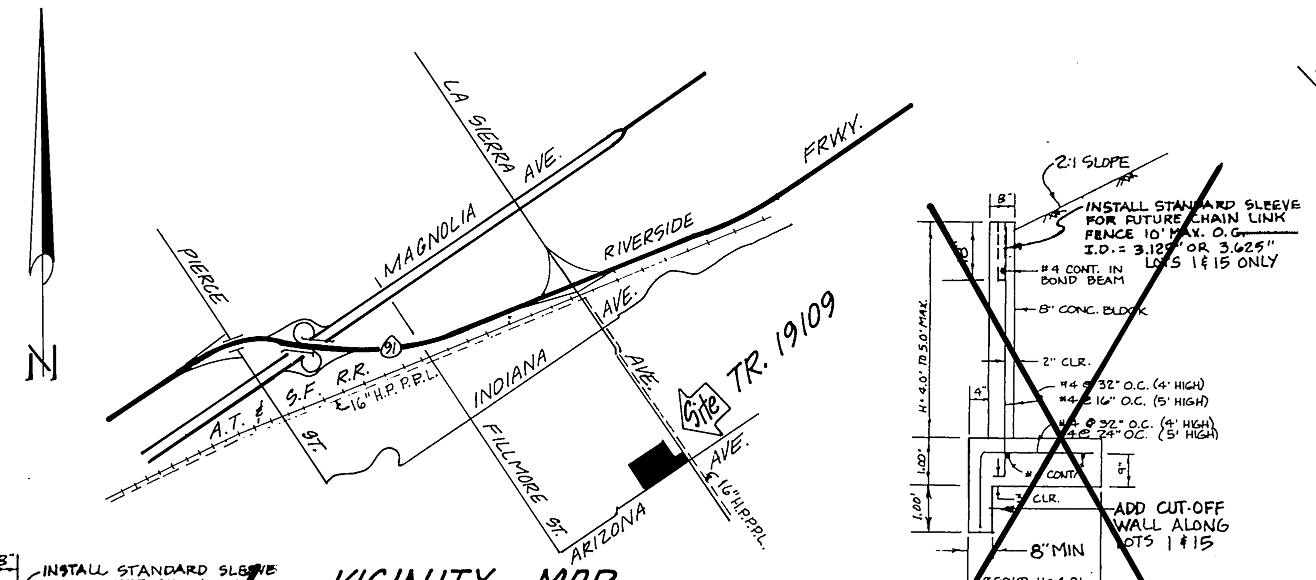


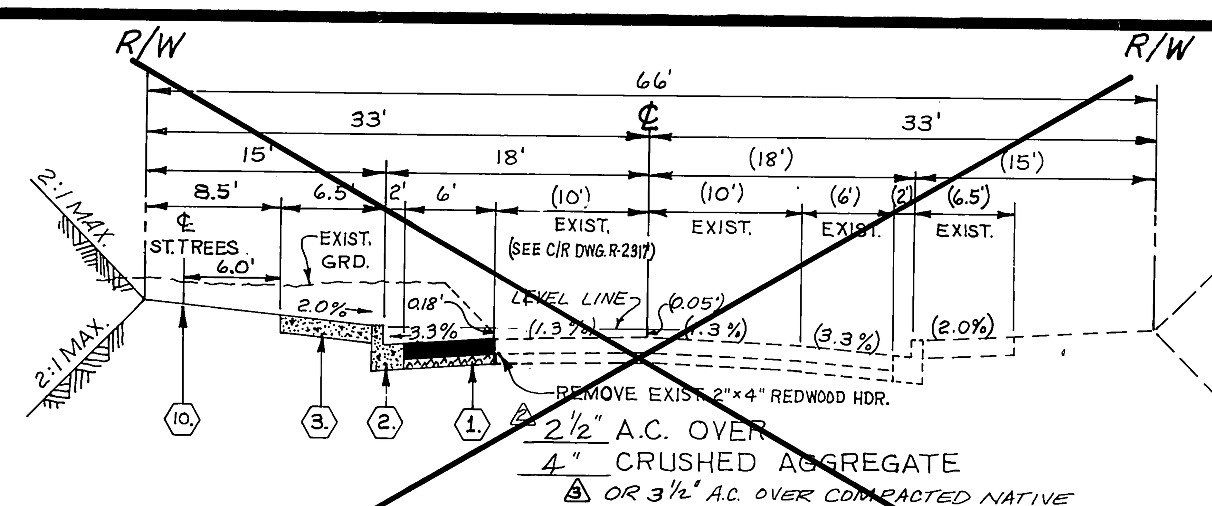
INDEX MAP

SCALE: 1" = 200'



VICINITY MAP

N.T.S.

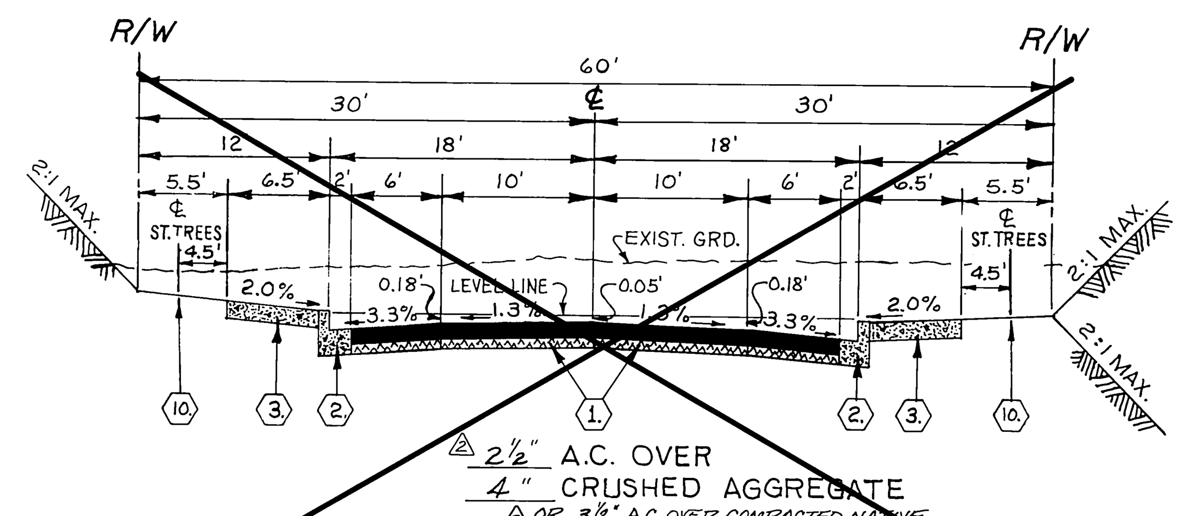


TYPICAL SECTION

N.T.S.

WICKHAM DRIVE T.I. = 5

2 1/2" A.C. OVER 4" CRUSHED AGGREGATE, OR 3 1/2" A.C. OVER COMPACTED NATIVE

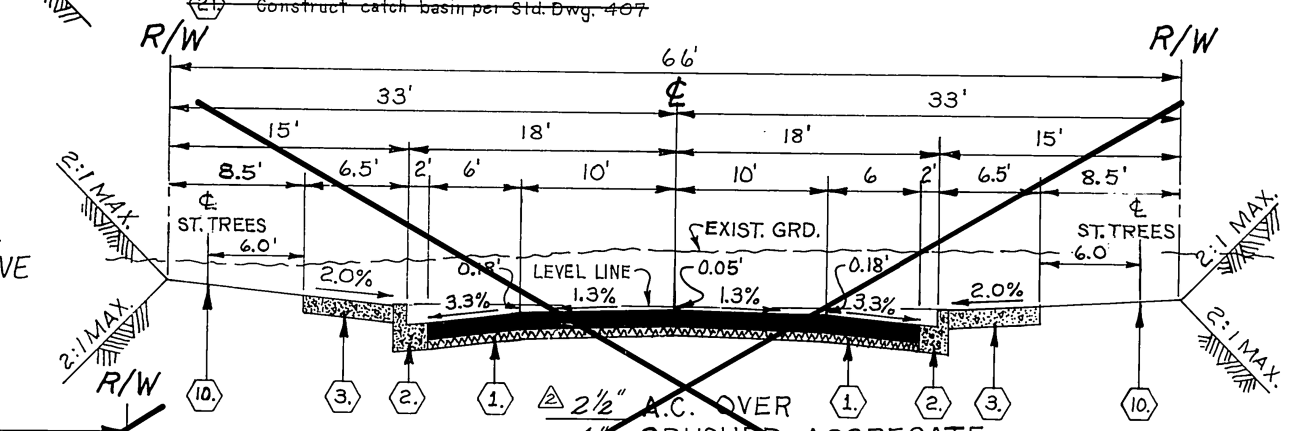


TYPICAL SECTION

N.T.S. T.I. = 5

THAMES COURT — 2 1/2" AC OVER 4" C.A.B. OR 4" AC OVER NATIVE
TENBY COURT
KEYS COURT

2 1/2" A.C. OVER 4" CRUSHED AGGREGATE, OR 3 1/2" A.C. OVER COMPACTED NATIVE

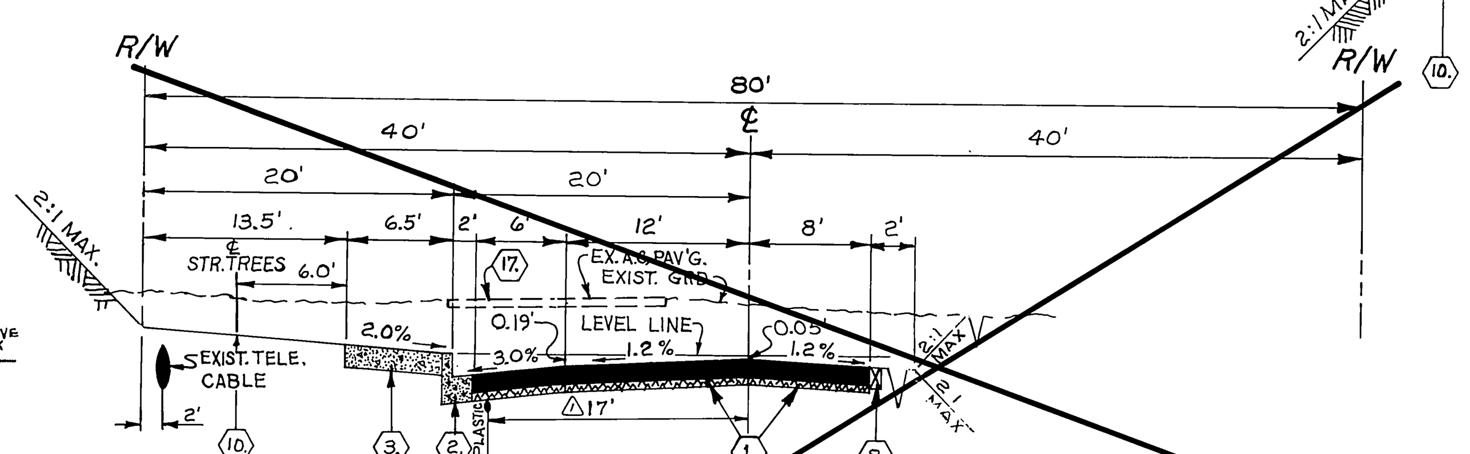


TYPICAL SECTION

N.T.S. T.I. = 5

WICKLOW DRIVE — 2 1/2" AC OVER 4" C.A.B. OR 4" AC OVER NATIVE
LIVERPOOL LANE
NEWMARKET DRIVE
WEATHERBY DRIVE
HEATHROW DRIVE

2 1/2" A.C. OVER 4" CRUSHED AGGREGATE, OR 3 1/2" AC. OVER COMPACTED NATIVE



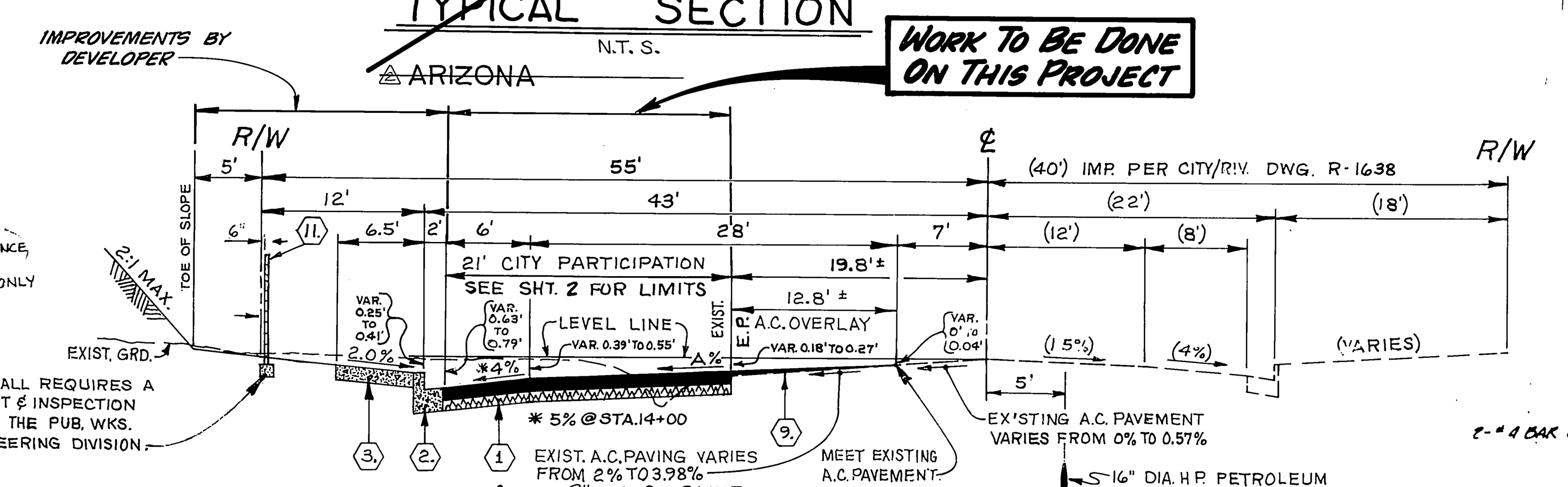
PHASE I: 2 1/2" A.C. OVER 4" CRUSHED AGGREGATE	PHASE II: 2 1/2" AC OVER 5" CRUSHED AGGREGATE OR 5" AC. OVER COMPACTED NATIVE

TYPICAL SECTION

N.T.S.

ARIZONA

WORK TO BE DONE ON THIS PROJECT



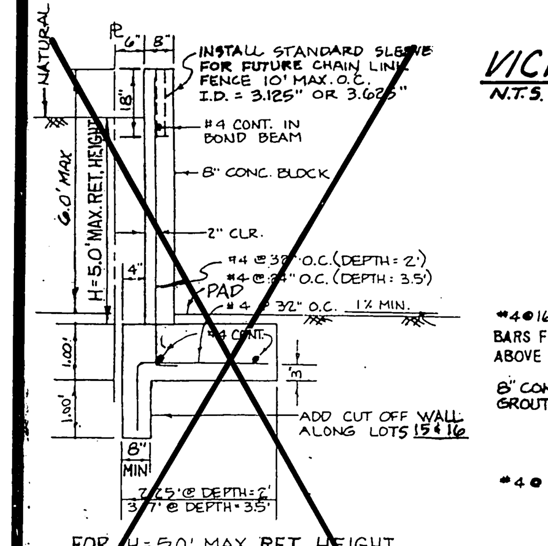
3" A.C. OVER
7" CRUSHED AGGREGATE
OR 6" A.C. OVER COMPACTED NATIVE

NOTE: CALL RICHARD MARSTON, 48 HRS. PRIOR TO STARTING ANY CONSTRUCTION WITHIN THE AREA OF THIS PIPELINE, (213)428-3319.

TYPICAL SECTION

N.T.S.

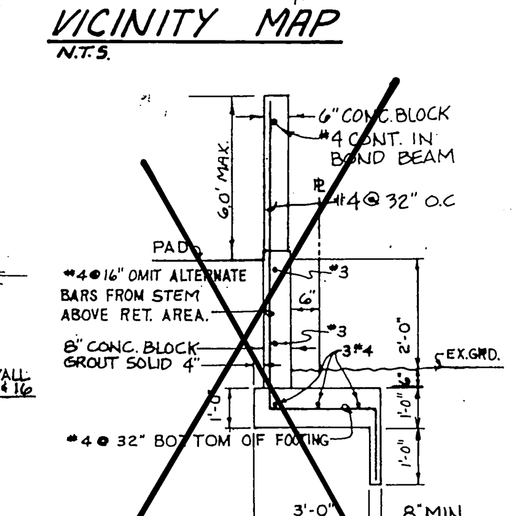
LA SIERRA AVE. T.I. = 7



SECTION A-A

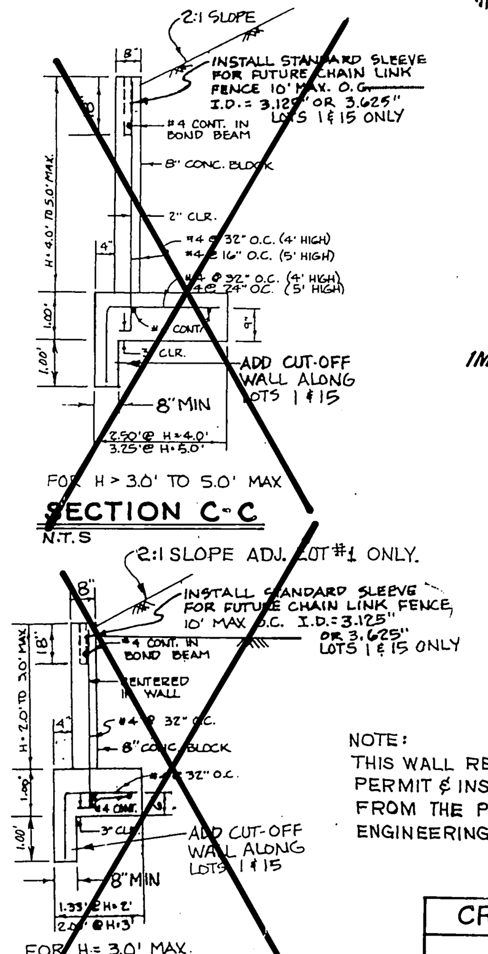
N.T.S.

FOR H = 5.0' MAX RET. HEIGHT.



SECTION B-B

N.T.S.



SECTION C-C

N.T.S.

SEE GRADING PLAN PHASE ONE FOR LOCATION OF SECTION A-A, SECTION B-B, & SECTION C-C

WALL NOTES

1. ALL CELLS CONTAINING REINFORCING STEEL SHALL BE GROUTED FULL.
2. ALL CONCRETE BLOCKS SHALL BE CLASS "A" UNITS.
3. FOOTINGS SHALL BE CLASS "B" CONCRETE, FC = 2500 PSI AT 28 DAYS.
4. OMIT MORTAR IN ALTERNATE VERTICAL JOINTS OF BOTTOM RUN OF BLOCK.
5. USE INTEGRAL COLOR TAN BLOCK.
6. THIS WALL REQUIRES A PERMIT AND INSPECTION FROM THE PUBLIC WORKS ENGINEERING DIVISION.

Underground Service Alert

Call: TOLL FREE 1-800 422-4133

TWO WORKING DAYS BEFORE YOU DIG

CROSS FALL CHART	
STATION	A%
14+00.00	-1.82%
14+50.00	1.66%
15+00.00	1.50%
15+50.00	1.57%
16+00.00	1.39%
16+50.00	1.39%
17+00.00	1.54%
17+50.00	1.57%
17+95.96	1.43%

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 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.

STREET & TRAFFIC CONTROLL SIGN SCHEDULE

CONSTRUCT PER CITY OF RIV. STD. 662-A

A	STOP SIGN R1 30" OCTAGON		E	WEATHERBY DRIVE	3100	J	WICKLOW DRIVE	3000
				TENBY COURT	11200		THAMES COURT	11100
B	WICKHAM DRIVE	3100	F	WEATHERBY DRIVE	3000	K	WICKLOW DRIVE	3000
	HEATHROW DRIVE	11200		KEYS COURT	11200		ARIZONA AVENUE	11100
C	WICKHAM DRIVE	3000	G	WEATHERBY DRIVE	3000	L	ARIZONA AVENUE	11100
	NEWMARKET DRIVE	11200		NEWMARKET DRIVE	11200		LA SIERRA AVENUE	3000
D	HEATHROW DRIVE	11200	H	LIVERPOOL LANE	11100	M	R1B	
	WEATHERBY DRIVE	3100		WICKLOW DRIVE	3100	N	NO PARKING ANYTIME R28	

CONSTRUCTION NOTES:

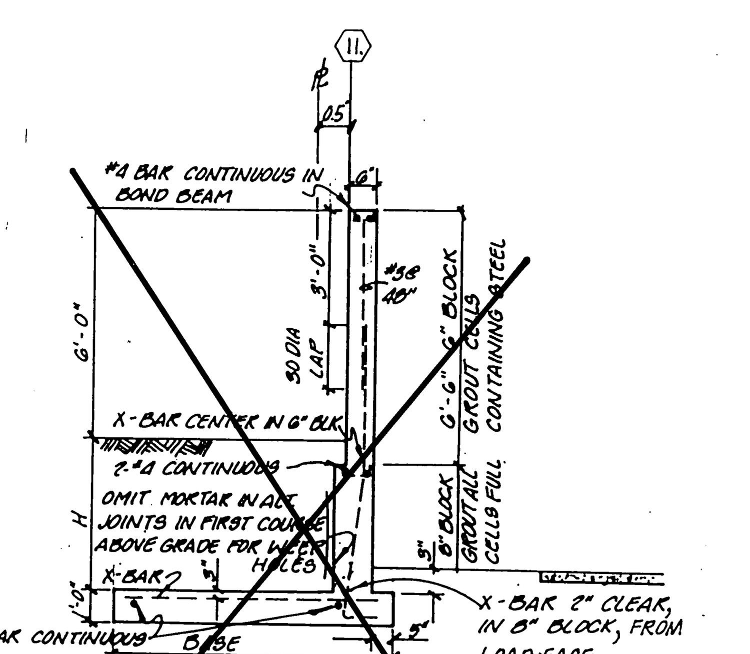
1. CONST. 3" A.C. PAVEMENT OVER 7" C.A.B. PER TYPICAL SECTION.
2. Construct curb and gutter per Std. Dwg. 200 (Type I) 6" C.F.
3. Construct curb sidewalk per Std. Dwg. 325.
4. Construct wheelchair ramps per Std. Dwg. 304
5. Construct cross gutters per Std. Dwg. 220.
6. Construct catch basin per Std. Dwg. 405.
7. Construct barricade per Std. Dwg. 180.
8. Place 2" x 4" redwood header.
9. Construct A.C. overlay as shown on plans.
10. Plant street trees per City of Riverside parks and recreation standards.
11. Construct 355.75 L.F. of variable height reverse frontage wall per detail this sheet WALL IS TO BE CONSTRUCTED OF TAN SLUMPSTONE.
12. Construct 38.5 L.F. A.C. Berm per City of Riverside Std. Dwg. #250, Type 1.
13. Construct 1907 L.F. of 3' wall along existing canal per detail this sheet.
14. Construct curb outlet per Std. Dwg. 410 (W=3').
15. Construct CSP Inlet per Std. Dwg. 412.
16. Construct 15" RCP.
17. Cut and remove existing paving.
18. Construct 18" RCP.
19. Construct 36" RCP.
20. Construct 21" RCP.
21. Construct catch basin per Std. Dwg. 407
22. CONSTRUCT 24" R.C.P.
23. CONSTRUCT TIMBER BULKHEAD PER CITY/RIV. STD. DWG. 456.
24. CONSTRUCT 36" CONCRETE COLLAR @ 40° PER CITY/RIV. STD. DWG. 424.

GENERAL NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1982 EDITION.
3. TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH, STRAIGHT LINE.
4. CONSTRUCT DRIVEWAY APPROACHES PER STD. DWG. 302. EXACT SIZE AND LOCATION TO BE DETERMINED AT THE TIME OF CONSTRUCTION AS APPROVED BY THE TRAFFIC ENGINEER.
5. CURB AND GUTTER SHALL BE STAKED WITH 3' OFFSETS AT 25' INTERVALS.
6. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
7. THE SUBDIVIDER SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREETS HAVE BEEN PREPARED TO ROUGH GRADE. DEPTH OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
8. SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
9. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
10. THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE PUBLIC WORKS DEPARTMENT 30 DAYS PRIOR TO BEGINNING CONSTRUCTION TO NEGOTIATE THE COST OF THE CITY'S PORTION OF THE WORK.
11. IN ORDER TO COORDINATE THE CITY'S PORTION OF THE WORK, THE DEVELOPER AND/OR CONTRACTOR SHALL GIVE THE CITY 60 DAYS NOTICE IN ORDER THAT THE DEVELOPER'S AND THE CITY'S WORK MAY BE INSTALLED CONCURRENTLY. THE DEVELOPER SHALL PREPARE AND COMPACT ROUGH SUBGRADE (±.1') AND IS RESPONSIBLE FOR THE CONDITION OF THE SUBGRADE UNTIL ACCEPTED BY THE CITY AND UNTIL THE CITY'S CONTRACTOR STARTS WORKING. THE DEVELOPER IS ALSO RESPONSIBLE FOR BARRICADING DURING THIS TIME.
12. DEVELOPER AND/OR CONTRACTOR TO GIVE RCFC 5 DAYS WRITTEN NOTICE PRIOR TO STARTING WORK ON STORM DRAIN (OR DOING ANY WORK WITHIN RCFC EASEMENTS). RCFC ENCROACHMENT PERMIT NO. ________
13. THE PRIVATE ENGINEER SIGNING THESE PLANS 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 REVISING THE PLANS FOR APPROVAL BY THE CITY.
14. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) PHONE NO. 1-800-422-4133 TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES WILL BE VALID UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
15. IN RESIDENTIAL AREAS 6" x 6" or 6" DIAMETER BLOCKOUTS FOR MAILBOXES ARE REQUIRED IN CURB SIDEWALK 10" TO 14" FROM CURB FACE AT THE PROPERTY LINE BETWEEN ADJACENT RESIDENCES.
16. THE PRIVATE ENGINEER PREPARING THESE PLANS SHALL BE RESPONSIBLE FOR PERSERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
17. ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
18. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
19. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
20. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
21. SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
22. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE, PARK AND RECREATION DEPARTMENT STANDARDS.
23. CONTACT THE PARK PROJECTS INSPECTOR A MINIMUM OF 48 HOURS IN ADVANCE AT 787-7223 TO SCHEDULE INSPECTIONS. INSPECTIONS SHALL BE REQUIRED: A) WHEN PLANT LOCATIONS HAVE BEEN SPOTTED IN THE FIELD PRIOR TO DIGGING PLANT PITS, B) WHILE DIGGING PLANT PITS AND PLANTING/RELOCATING TREES, C) AFTER PLANTING AND ALL OTHER INDICATED OR SPECIFIED WORK HAS BEEN COMPLETED FOR START OF MAINTENANCE, AND D) AT END OF MAINTENANCE/FINAL ACCEPTANCE (CONTRACTOR/DEVELOPER WILL BE RELEASED FROM MAINTENANCE ONLY UPON RECEIPT OF WRITTEN NOTIFICATION FROM THE CITY THAT THE PARK AND RECREATION DEPARTMENT IS ASSUMING MAINTENANCE RESPONSIBILITIES).
24. THE CONTRACTOR/DEVELOPER SHALL MAINTAIN ALL PLANTINGS FOR A MINIMUM PERIOD OF ONE (1) YEAR.
25. STREET TREE PLANTING SHALL BE AS FOLLOWS:

STREET NAME	BOTANICAL NAME/COMMON NAME	MIN. SIZE	APPROX. SPACING	NO. REQ.
ARIZONA AVE.	WASHINGTONIA FILIFERA/ CALIFORNIA FAN PALM	4' BROWN TRUNK MIN. 8' OVERALL HEIGHT	50'	21
WICKHAM DRIVE	ULMUS PARVIFOLIA/ EVERGREEN ELM	15 GAL	50'	21
WICKLOW DRIVE	PYRUS CALLEYANIA 'BRADFORD'/BRADFORD PEAR	15 GAL	50'	31
THAMES COURT	LAGERSTROEMIA INDICA/ CRAPE MYRTLE	15 GAL	50'	11
LIVERPOOL LANE	PYRUS CALLERYANA 'BRADFORD'/BRADFORD PEAR	10 GAL	50'	5
NEWMARKET DR.	PRUNUS CERASIFERA 'KRAUTER VESUVIUS'/ PURPLE LEAF PLUM	15 GAL	50'	16
WEATHERBY DR.	PRUNUS CERASIFERA 'KRAUTER VESUVIUS'/ PURPLE LEAF PLUM	15 GAL	50'	30
HEATHROW DR.	PRUNUS CERESIFERA 'KRAUTER VESUVIUS'/ PURPLE LEAF PLUM	15 GAL	50'	17
TENBY COURT	LAGERSTRAEMIA INDICA/ CRAPE MYRTLE	15 GAL	50'	8
KEYS COURT	LAGERSTROEMIA INDICA/ CRAPE MYRTLE	15 GAL	50'	8
LA SIERRA AVE.	SEE REVERSE FRONTAGE PLAN NO. A-1137 (1441) PREPARED BY TRW & ASSOC.			

26. DEVELOPER TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY TEN (10) WORKING DAYS FOR COMPLETION OF WORK. (787-7611).



H	BASE	X-BAR
< = 2'-0"	2'-2"	#3 @ 24"
2' to 3'	2'-6"	#3 @ 24"
3' to 4'	2'-9"	#4 @ 24"

REVERSE FRONTAGE WALL DETAIL

No Scale. See sheet 3 for location.

NOTE: THIS WALL REQUIRES A PERMIT & INSPECTION FROM THE PUBLIC WORKS ENGINEERING DIVISION.

BENCH MARK

U.S.C. & G.S. B.M. K-38 1924
DISC. IN HEADWALL ON N.W.
CORNER FILLMORE & A.T.& S.F.
TRACKS

ELEVATION. 722.010

SOUTH. CALIF. GAS CO.	PACIFIC TELEPHONE	CITY OF RIVERSIDE	CITY OF RIVERSIDE
REVIEWED BY:	APPROVED BY:	PUBLIC UTILITIES DEPT. ELECTRICAL DIVISION	PUBLIC UTILITIES DEPT. DOMESTIC SYSTEM
5-1-84 DATE	PUBLIC IMPROVEMENT ENGINEER 2-15-84 DATE	FOR CHIEF UTILITIES ENGINEER, ELECTRICAL DATE	CHIEF UTILITIES ENGINEER, WATER 3-27-84 DATE

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS • SURVEYORS • PLANNERS
3426 TENTH STREET, RIVERSIDE, CAL. TEL. (714) 686-0844
11200 S. MT. VERNON AVE, COLTON, CAL.
APPROVED BY ________ DATE 12/12/83
R.E. No. 17550
W.O. 83-7843 FOR: K & B F.B.

MARK	REVISIONS	APPR.	DATE
4	ADDED PAVING SECTIONS PER SR 1198		6-26-84
3	REVISED SECTION PER REVISED SR 1185		
2	ADDED PAVING SECTIONS PER SR 1185; R=55		
1	ADDITION OF EXIST. 3" PLASTIC GAS LINE		

DESIGNED BY ________ DRAWN BY ________ CHECKED BY ________

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/13/84
PARK DEPARTMENT		
TRAFFIC DIVISION		11-8-84
CHIEF P. W. ENGR.		

APPROVED BY ________ DIRECTOR OF PUBLIC WORKS
DATE 11/13/84

LA SIERRA AVENUE PAVEMENT PARTICIPATION WITH TRACT NO. 19109-2

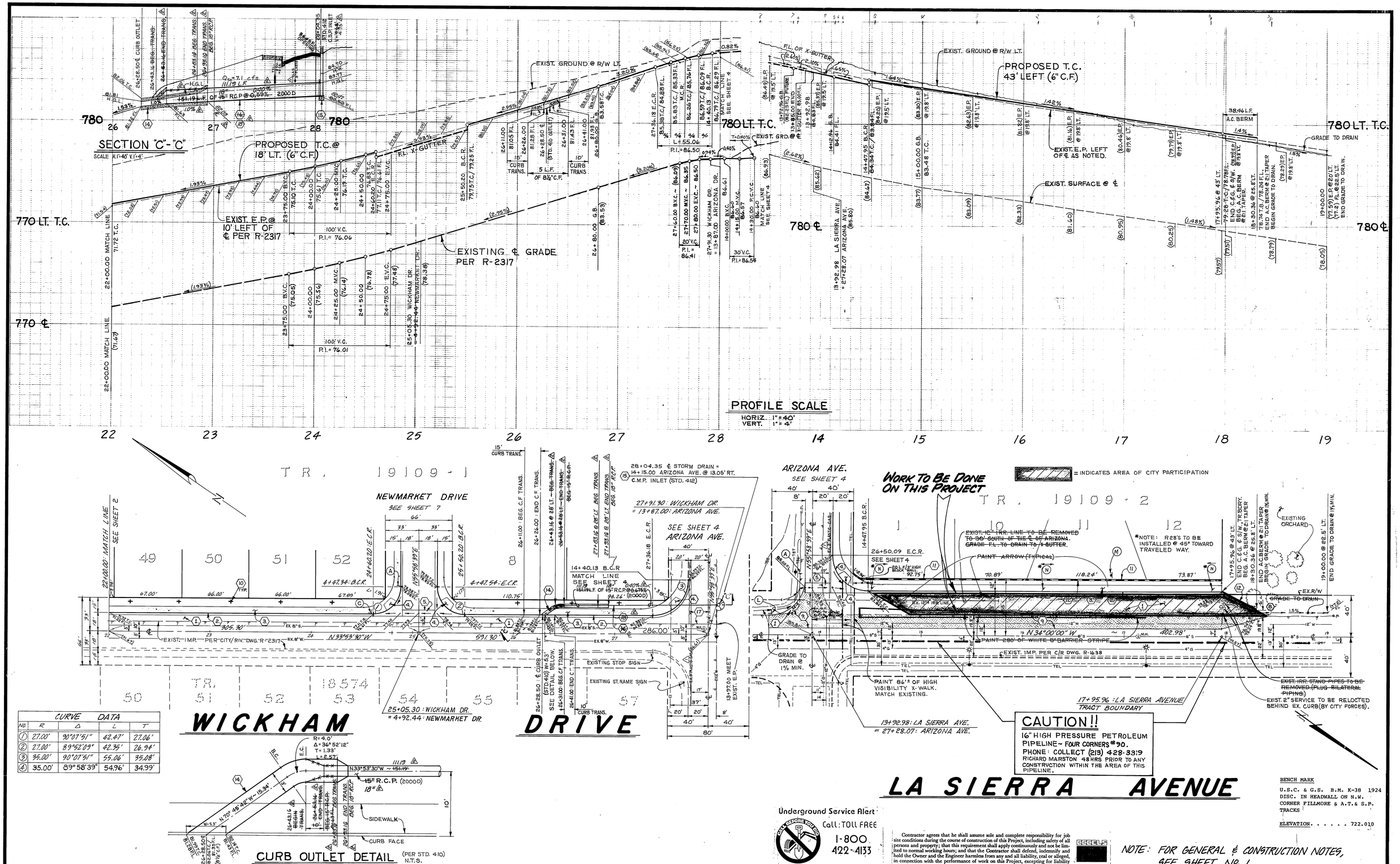
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

PROJECT NO. R-2580A

SHEET 1 OF 2

FILE NO. 83-7843(M)

ADAPTED FROM PLAN R-2580



CURVE DATA				
NO.	R	Δ	L	T
1	27.00'	90°07'51"	42.47'	27.06'
2	27.00'	89°52'09"	42.35'	26.94'
3	35.00'	90°07'51"	55.06'	35.08'
4	35.00'	89°58'39"	54.96'	34.99'

BENCH MARK
U.S.C. & G.S. B.M. K-38 1924
DISC. IN HEADWALL ON N.W. CORNER FILLMORE & A.T.& S.F. TRACKS
ELEVATION. 722.010

Underground Service Alert
Call: TOLL FREE
1-800
422-4133
TWO WORKING DAYS BEFORE YOU DIG

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 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.

NOTE: FOR GENERAL & CONSTRUCTION NOTES, SEE SHEET No 1.

INDEX LF

SOUTH. CALIF. GAS CO.	PACIFIC TELEPHONE	CITY OF RIVERSIDE
REVIEWED BY:	APPROVED BY:	PUBLIC UTILITIES DEPT. DOMESTIC SYSTEM
5-1-84 DATE	R.P. Nolasco 2-15-84 PUBLIC IMPROVEMENT ENGINEER DATE	3-27-84 CHIEF UTILITIES ENGINEER, WATER DATE

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS • SURVEYORS • PLANNERS
3426 TENTH STREET, RIVERSIDE, CAL. TEL. (714) 686-0844
11200 S. MT. VERNON AVE. COLTON, CAL.
APPROVED BY: DATE 12/12/83
R.E. No. 17550
W.O. 83-7843 FOR: K & B F.B.

MARK	REVISIONS	APPR.	DATE
2	REVISED SO TRND 1/3 RCP TO 18" RCP IN WICKHAM		5-3-84
1	ADDITION OF EXIST. 3" PLASTIC GAS LINE		5-3-84

DESIGNED BY DRAWN BY CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		11/13/84
PARK DEPARTMENT		
TRAFFIC DIVISION		11-8-84
CHIEF P. W. ENGR.		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 11/13/84

LA SIERRA AVENUE
PAVEMENT PARTICIPATION
WITH TRACT No. 19109-2

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

PROJECT NO. R-2580A
SHEET 2 OF 2
FILE NO. 83-7843 (M)

ADAPTED FROM PLAN R-2580