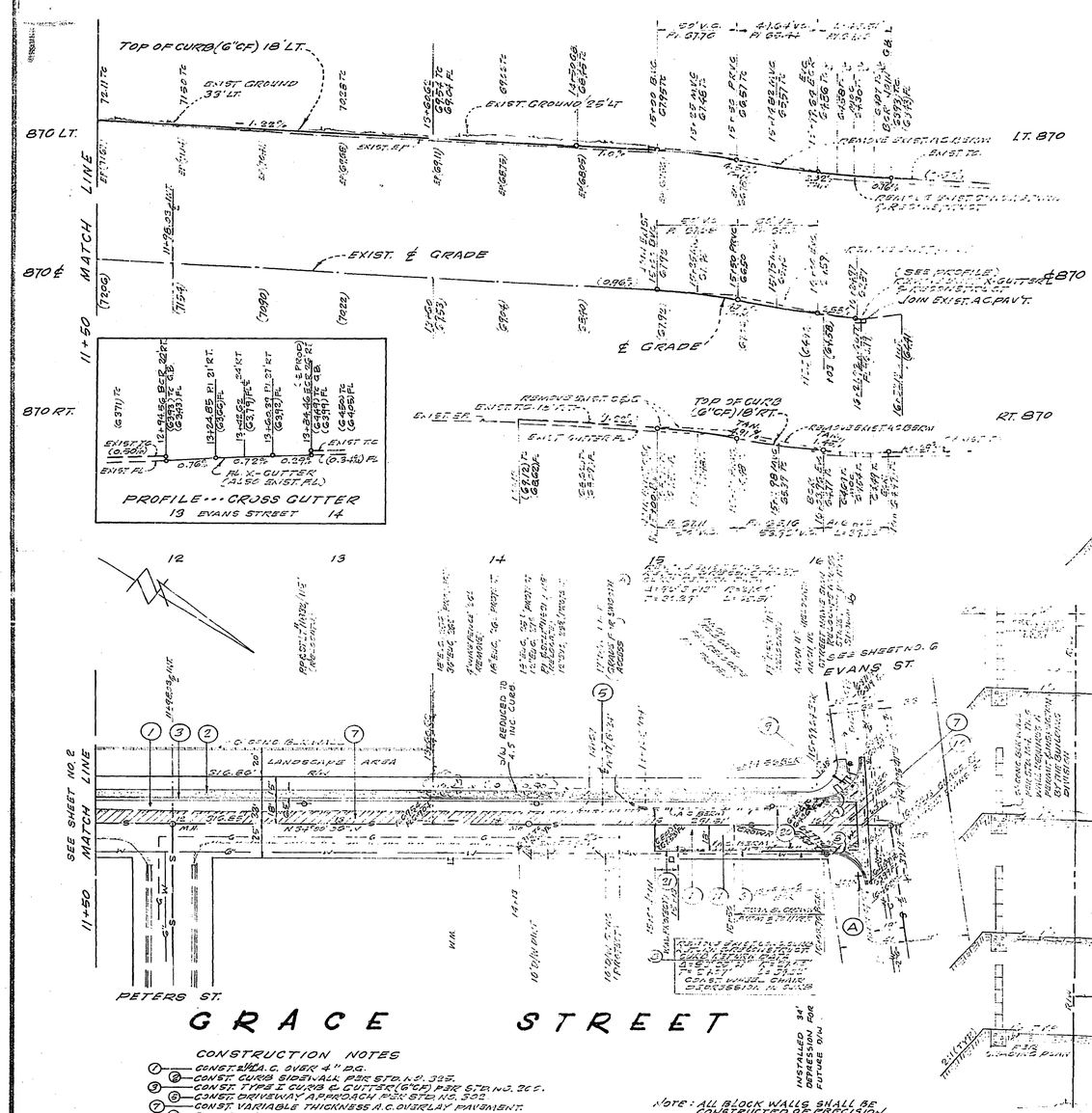
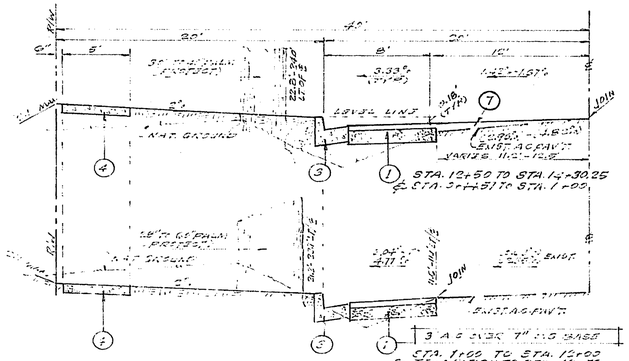


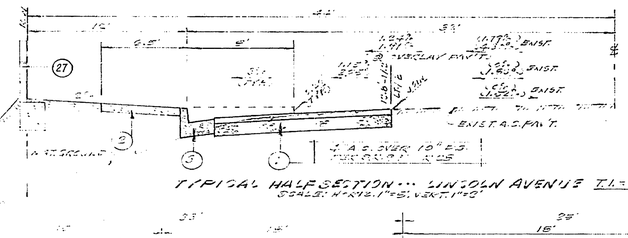
CONSTRUCTION NOTES

1. CONST. 2½" A.C. OVER 4" P.G.
2. CONST. CURB SIDEWALK PER STD. NO. 225.
3. CONST. TYPE I CURB & GUTTER (6"CF) PER STD. NO. 200.
5. CONST. DRIVEWAY APPROACH PER STD. NO. 207
7. CONST. VARIABLE THICKNESS A.C. OVERLAY PAVEMENT.
12. CONST. WHEEL CHAIR RAMP PER STD. NO. 304.
17. REMOVE EXIST. CROSS GUTTER & RECONSTRUCT PER STD. NO. 220.
23. REMOVE EXIST. A.C. PAVEMENT.
27. REMOVE EXIST. CONC. CURB & GUTTER.
A. REPLACE EXIST. STREET NAME SIGN TO POSITION SHOWN.
32. CONST. 2' HIGH CONC. BLOCK WALL (SEE DETAIL B) SHT. 4)

Note: ALL BLOCK WALLS SHALL BE CONSTRUCTED OF PRECISION MASONRY UNITS PAINTED LIGHT BROWN TO MATCH BUILDING WALL COLOR

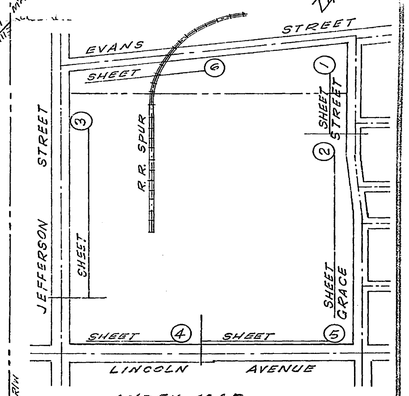


TYPICAL HALF SECTIONS··· JEFFERSON STREET 1"=6
SCALE: HORIZ. 1"=6', VERT. 1"=2'



TYPICAL HALF SECTION··· LINCOLN AVENUE 1"=7
SCALE: HORIZ. 1"=5', VERT. 1"=2'

TYPICAL SECTIONS··· GRACE STREET 1"=5
SCALE: HORIZ. 1"=5', VERT. 1"=2'



INDEX MAP
SCALE: 1" = 300'

BENCH MARK FS-I
FD. IRR. NAIL IN CURB RETURN @ LINCOLN AVE. ENTRANCE TO MUNICIPAL YARD.
RB. 838/68
ELEV. 882.034

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, 1975 EDITION.
3. FROM JOINT OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH, STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION. ENGINEER ESTIMATES AVERAGE TO BE 50 FEET.
4. CONTROL OF 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' OFF SETS AT 25' INTERVALS.
6. TRAIL A CURB SHALL BE STAKED WITH 3' OFF SETS AT 100' INTERVALS. ALL TRANSITIONS & MODIFICATIONS SHALL BE STAKED IN CUTTER WHERE GRADE IS LESS THAN 0.3%. FINISH GRADE SHALL BE AT ALL EXPANSION JOINTS.
7. LOCATION OF UTILITIES TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. WORK SHALL CONFLICT WITH AS LITTLE AS POSSIBLE EXISTING FACILITIES.
8. CONTRACTOR TO VERIFY EXISTING SEWER ELEVATIONS PRIOR TO CONSTRUCTION.
9. ALL TRAFFIC SIGNS TO BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
10. SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
11. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
12. CONTACT THE PARKS AND RECREATION DEPT., TREE DIVISION, AT 787-7518 24 HOURS PRIOR TO RELOCATION OF TREES.
13. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
14. ALL OVERHANGING TREE LIMBS THAT ARE LESS THAN 15' ABOVE THE STREET GRADE SHALL BE TRIMMED BACK.
15. NOTIFICATION TO LAKE COVE WATER MAIN USER OF WORKING AND WATER SERVICE WORK TO START OF CONSTRUCTION NOT TO EXCEED FORTY (40) WORKING DAYS FROM COMPLETION OF LETTER.

APPROVED BY:	APPROVED BY:
CHIEF UTILITIES ENGINEER-ELECTRIC	CHIEF UTILITIES ENGINEER-WATER
DATE	DATE
APPROVED BY:	APPROVED BY:
DEVELOPMENT DEPARTMENT	CHIEF UTILITIES ENGINEER-ELECTRIC
DATE 11/30/78	DATE Nov. 15, 1978

HAWKINS, ROBERTSON & ASSOC.
ENGINEERS & SURVEYORS
RIVERSIDE CALIFORNIA
Charles E. Robertson 9/15/78
R.C.E. 19516 DATE

FOR: S.R. CARPENTER COMPANY

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	NO.	DATE
CITY ENGINEER	VE	4-20
PARK DIRECTOR	LR	11-11-78
TRAFFIC ENGINEER	HS	11-20
CHIEF ENGINEER		

APPROVED BY: DATE

REVISIONS

DESIGNED BY C.H. DRAWN BY C.H. CHECKED BY H.C.

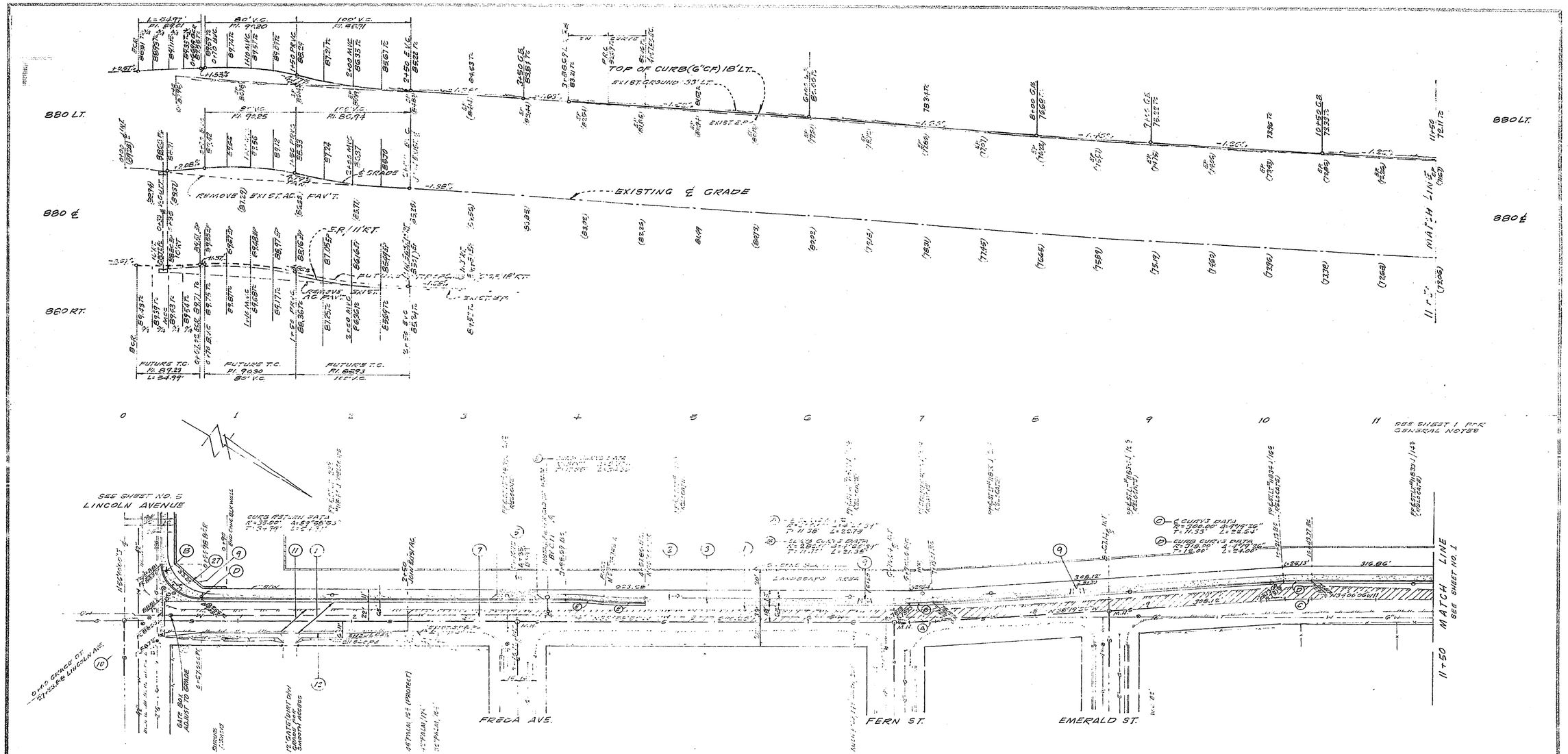
STREET PLAN & PROFILE
GRACE STREET
MP-9-778

HORIZ. SCALE 1" = 40' VERT. SCALE 1" = 8'

ACCOUNT NO. R-2154

SHEET 1 OF 6

78-2885



CONSTRUCTION NOTES

1. CONST. 2½" A.C. OVER 4" D.G.
2. CONST. CURB SIDEWALK PER STD. NO. 325.
3. CONST. TYPE I CURB & GUTTER (6" CF) PER STD. NO. 200.
7. CONST. VARIABLE THICKNESS A.C. OVERLAY PAVEMENT.
9. CONST. WHEELCHAIR RAMP PER STD. NO. 304
10. CONST. CROSS GUTTER PER STD. NO. 220
11. REMOVE EXISTING A.C. PAVEMENT.
12. INSTALL 2"x4" REDWOOD HEADER.
15. CONST. DRIVEWAY APPROACH PER STD. NO. 302.
18. RELOCATE STREET NAME SIGN PER STD. NO. 662-A
20. REMOVE EXIST. 24" STOP SIGN & REPLACE WITH R1 (STOP SIGN) 30" OCTAGON.
27. CONST. 2' HIGH CONC. BLOCK WALL (SEE DETAIL, SHEET 4)

G R A C E S T R E E T

NOTE: ALL BLOCK WALLS SHALL BE CONSTRUCTED OF PRECISION MASONRY UNITS FINAL COLOR SHALL BE LIGHT BROWN TO MATCH BLDG.

APPROVED BY: J.S. Curts, PLANNING DEPARTMENT, DATE 12/14/78

APPROVED BY: CHIEF UTILITIES ENGINEER WATER, DATE

APPROVED BY: CHIEF UTILITIES ENGINEER ELECTRIC, DATE Nov. 15, 1978

HAWKINS, ROBERTSON & ASSOC.
ENGINEERS & SURVEYORS
RIVERSIDE CALIFORNIA
Charles E. Robertson, R.C.E. 30316, 9/15/78, DATE
FOR: E.R. CARPENTER COMPANY

ADDED F.H. AT 9 & SAFETY 12/27/78

* 86 BU. LT. 4-8-80 GKD

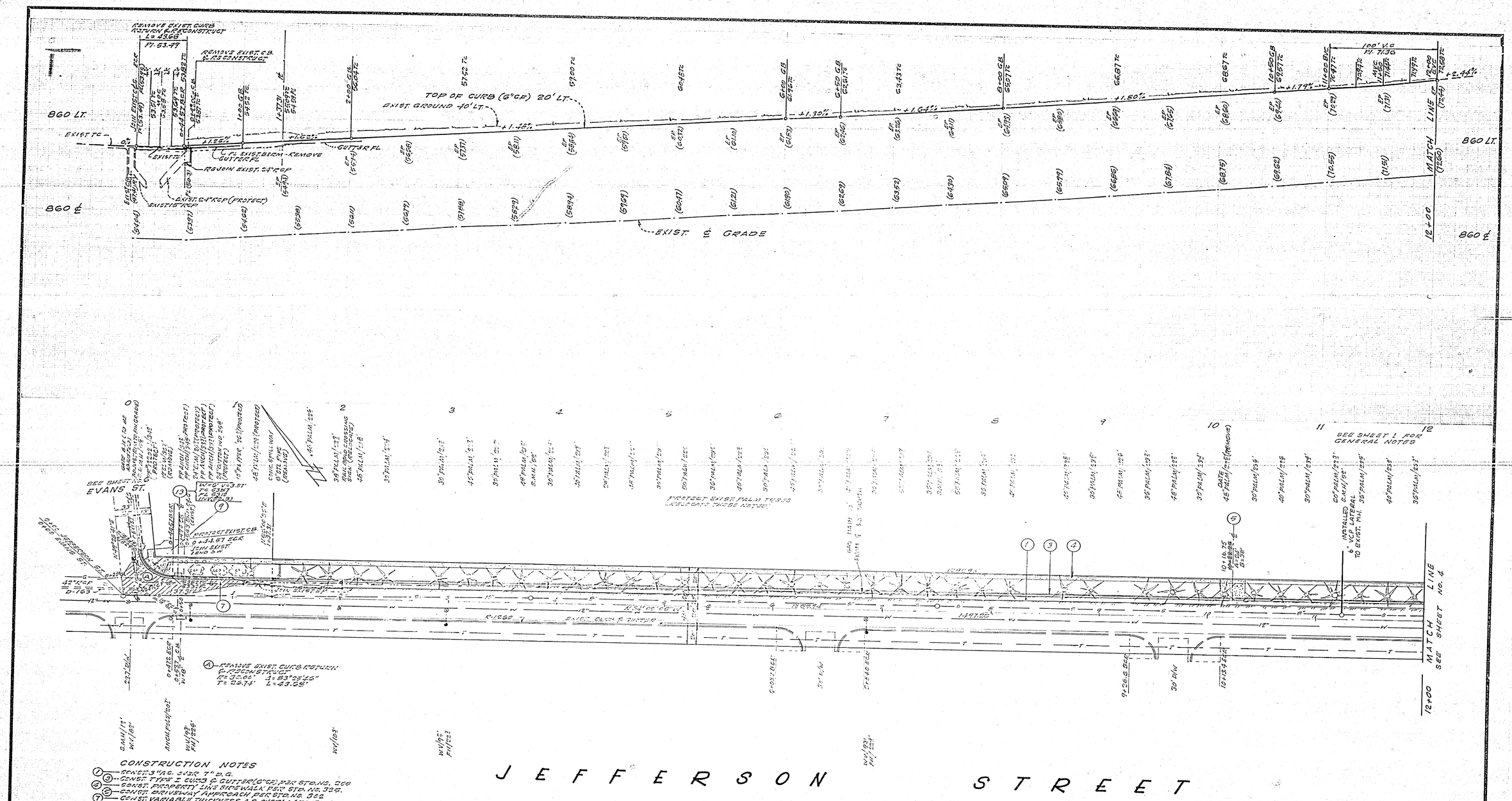
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

BENCH MARK F5-I
FD PK NAIL IN CURB RETURN @ LINCOLN AVE. ENTRANCE TO MUNICIPAL YARD
FB 838/68
ELEV. 882.034 INDEXED SK.

STREET PLAN & PROFILE
GRACE STREET
MP-9-778

ACCOUNT NO. R-2154
SHEET 2 OF 6
78-2885

HORIZ. SCALE 1" = 40' VERT. SCALE 1" = 8'



CONSTRUCTION NOTES

1. CONST. 3" A.C. OVER 7" D.G.
3. CONST. TYPE I CURB & GUTTER (6"CF) PER STD. NO. 200
4. CONST. PROPERTY LINE SIDEWALK PER STD. NO. 325.
5. CONST. DRIVEWAY APPROACH PER STD. NO. 302
7. CONST. VARIABLE THICKNESS A.C. OVERLAY PAVEMENT.
9. CONST. WHEEL CHAIR RAMP PER STD. NO. 304.
13. REMOVE EXIST. CATCH BASIN - PROTECT EXIST. 24" R.C.P. & RECONSTRUCT CATCH BASIN PER STD. NO. 405, REJOIN EXIST. 24" R.C.P.

BENCH MARK FS-1
FD. PK NAIL IN CURB RETURN @ LINCOLN AVE. ENTRANCE TO MUNICIPAL YARD.
FB. 838/65 ELEV. 882.094

APPROVED BY: [signature] CHIEF UTILITIES ENGINEER - WATER DATE 11/15/78

APPROVED BY: [signature] SOUTHERN CALIFORNIA GAS CO. DATE 10-26-78

APPROVED BY: [signature] FOR CHIEF UTILITIES ENGINEER - ELECTRIC DATE Nov. 15, 1978

HAWKINS, ROBERTSON & ASSOC.
ENGINEERS & SURVEYORS
RIVERSIDE CALIFORNIA
Charles E. Robertson 9/15/78
R.C.E. 15012 DATE
FOR: E.R. CARPENTER COMPANY

MARK | REVISIONS | APPR | DATE
DESIGNED BY G.H. DRAWN BY G.H. CHECKED BY WF

* AS BUILT 4-3-80 BKP

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

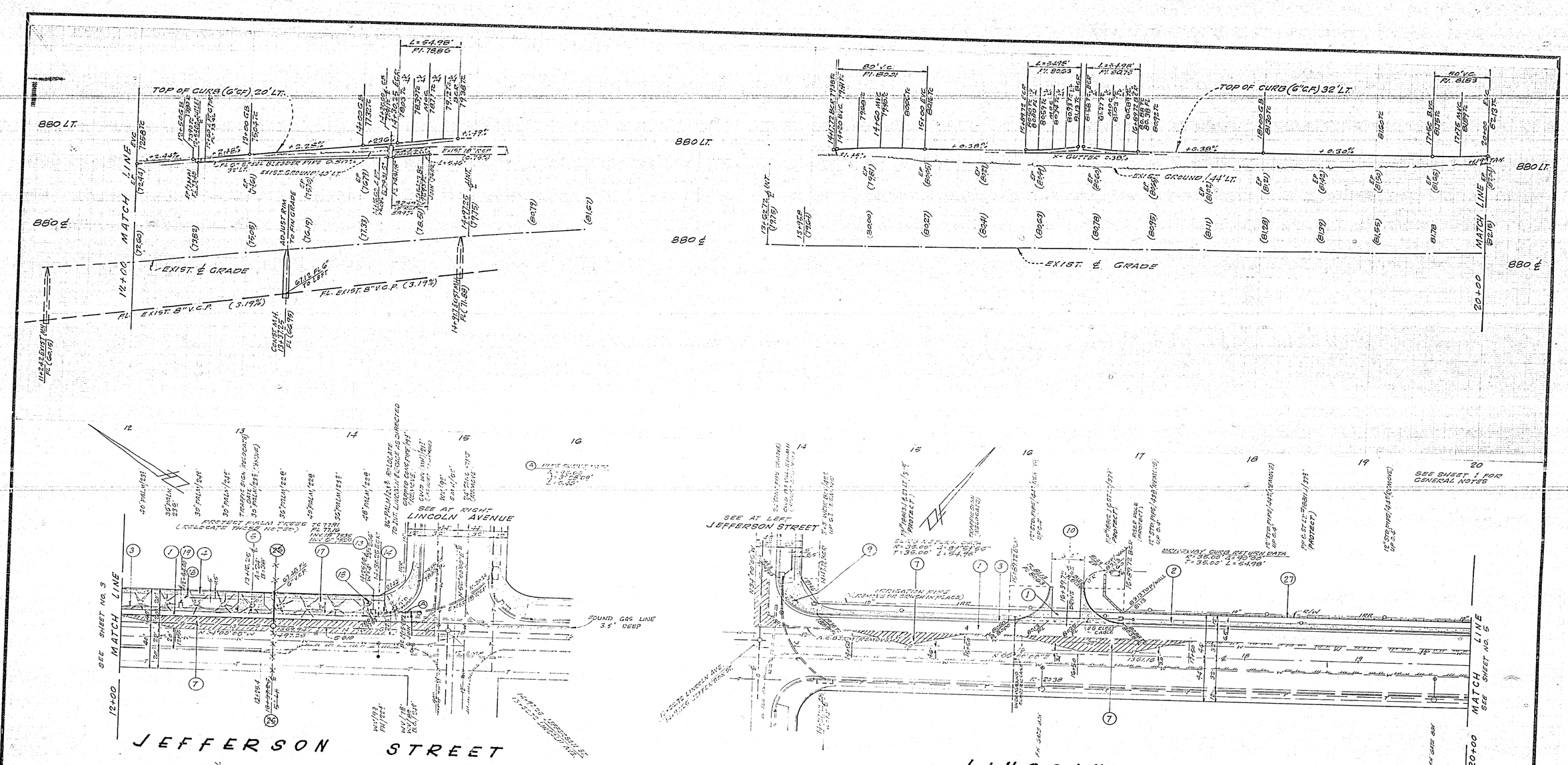
APPROVED	BY	DATE
PRINCIPAL ENGINEER	[initials]	12-20
PARK DEPARTMENT	[initials]	11-21-78
TRAFFIC DIVISION	[initials]	12-20
CHIEF W. ENGINEER	[initials]	12-27

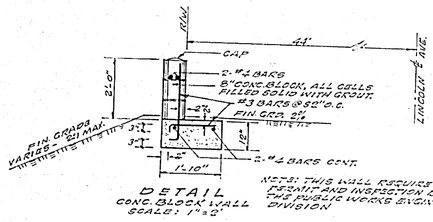
APPROVED BY [signature] PUBLIC WORKS DIRECTOR DATE 11/13/78

STREET PLAN & PROFILE
JEFFERSON STREET
MP-9-778

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

ACCOUNT NO. R-2154
SHEET 3 OF 6
78-2885





DETAIL
CONC. BLOCK WALL
SCALE: 1"=2'

NOTE: THIS WALL REQUIRES A PERMIT AND INSPECTION BY THE PUBLIC WORKS ENGINEERING DIVISION

3" A.C. OVER 7" D.G. JEFFERSON STREET
4" A.C. OVER 10" D.G. LINCOLN AVENUE
3" A.C. OVER 8" A.B. II, DRIVEWAY @ 16-39.72, LINCOLN AVE. PER GRADING PLAN

CONSTRUCTION NOTES

1. CONST. "A.C. OVER" D.G.
2. CONST. CURB SIDEWALK PER STD. NO. 325
3. CONST. TYPE I CURB & GUTTER (6" C.F.) PER STD. NO. 200.
4. CONST. PROPERTY LINE SIDEWALK PER STD. NO. 325.
5. CONST. DRIVEWAY APPROACH PER STD. NO. 322.
6. CONST. VARIABLE THICKNESS A.C. OVERLAY PAVEMENT.
7. CONST. WHEELCHAIR RAMPS PER STD. NO. 304.
8. CONST. CROSS GUTTER PER STD. NO. 220.
9. CONST. CATCH BASIN PER STD. NO. 405
10. CONST. 18" RCP. (2000D)
11. CONST. 6" STEEL BLEEDER PIPE.
12. CONST. 6" STEEL CLEANOUT TO GRADE.
13. CONST. UNDER WALK DRAIN, SIZE 2, PER STD. NO. 411.
14. ~~INSTALL STREET NAME SIGN PER STD. NO. 6604~~
15. CONST. SEWER MANHOLE PER STD. NO. 500.
16. CONST. 6" V.C.P. LATERAL AT 1.0% TO 1.0' BACK OF R/W. (36 L.F.) PLUG AND MARK LOCATION.
17. CONST. 2' HIGH BLOCKWALL (SEE DETAIL THIS SHEET)

BENCH MARK F5-I
FD. PK NAIL IN CURB RETURN @ LINCOLN AVE. ENTRANCE TO MUNICIPAL YARD.
F.B. 638/68
ELEV. 882.034

APPROVED BY:
CHIEF UTILITIES ENGINEER-WATER
DATE

APPROVED BY:
CHIEF UTILITIES ENGINEER-ELECTRIC
DATE Nov. 15, 1978

HAWKINS, ROBERTSON & ASSOC.
ENGINEERS & SURVEYORS
RIVERSIDE CALIFORNIA
Charles E. Robertson 9/15/78
R.C.E. 15016 DATE
FOR: E.R. CARPENTER COMPANY

MARK	REVISIONS	APPR	DATE

DESIGNED BY G.H. DRAWN BY G.H. CHECKED BY

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

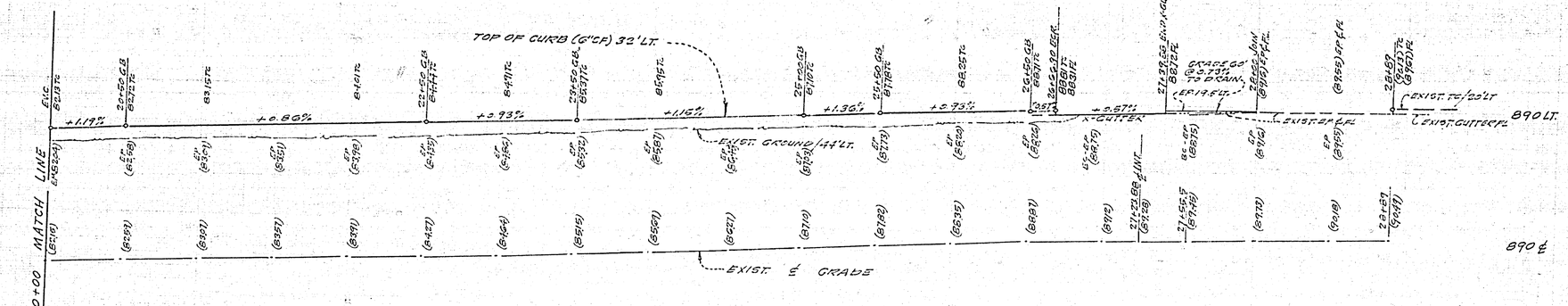
APPROVED	BY	DATE
PRINCIPAL ENGINEER		12-29
PARK DEPARTMENT		11-21-78
TRAFFIC DIVISION		12-20
CHIEF F. R. ENGINEER		12-27

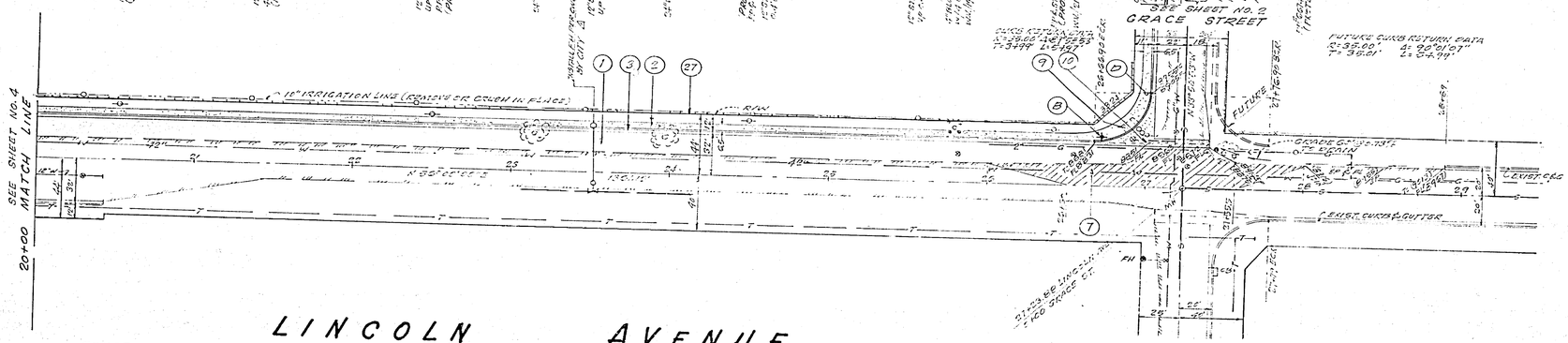
APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 1/19/79

STREET PLAN & PROFILE
JEFFERSON STREET
LINCOLN AVENUE
MP-9-778

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

ACCOUNT NO. R-2154
SHEET 4 OF 6
78-2885





CONSTRUCTION NOTES

1. CONST. 4" "A.C. OVER 10" D.G.
2. CONST. CURB SIDEWALK PER STD. NO. 302
3. CONST. TYPE 2 CURB & GUTTER (6"CF) PER STD. NO. 200.
7. CONST. VARIABLE THICKNESS A.C. OVERLAY PAVEMENT.
9. CONST. WHEELCHAIR RAMPS PER STD. NO. 304.
10. CONST. CROSS GUTTER PER STD. NO. 220.
28. RELOCATE STREET NAME SIGN PER STD. NO. 6024.
29. REMOVE EXIST. 24" STOP SIGN AND REPLACE WITH R1 (STOP SIGN) 30" OCTAGON.
27. CONST. 2' HIGH CONC. BLOCK WALL (SEE DETAIL, SHEET 4)

APPROVED BY: CHIEF OPERATIONS ENGINEER WATER
DATE 11-15-78

APPROVED BY: SOUTHERN CALIFORNIA GAS CO.
DATE 11-16-78

APPROVED BY: CHIEF OPERATIONS ENGINEER ELECTRIC
DATE NOV 16 1978

HAWKINS, ROBERTSON & ASSOC.
ENGINEERS & SURVEYORS
RIVERSIDE CALIFORNIA
Charles E. Robertson 9/15/78
R.C.E. 15916 DATE

FOR: E.R. CARPENTER COMPANY

ADDED F.H. AT SPA. FACES "LOOPS V" 10-6-78
AS BUILT 4-9-79 R.D.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	BY	DATE
PRINCIPAL ENGINEER	WG	12-7-78
PARK DEPARTMENT	[illegible]	11-21-78
TRAFFIC DIVISION	[illegible]	12-5-78
CHIEF P.W. ENGINEER	[illegible]	12-8-78

REVISIONS
DESIGNED BY G.H. DRAWN BY G.H. CHECKED BY G.E.

APPROVED BY [illegible] PUBLIC WORKS DIRECTOR
DATE 11-27-78

BENCH MARK FS-E
RD FINAIL IN CURB RETURN @ LINCOLN AVE. ENTRANCE TO MUNICIPAL YARD.
FB. 838/GB ELEV. 882.034 NGVD 29

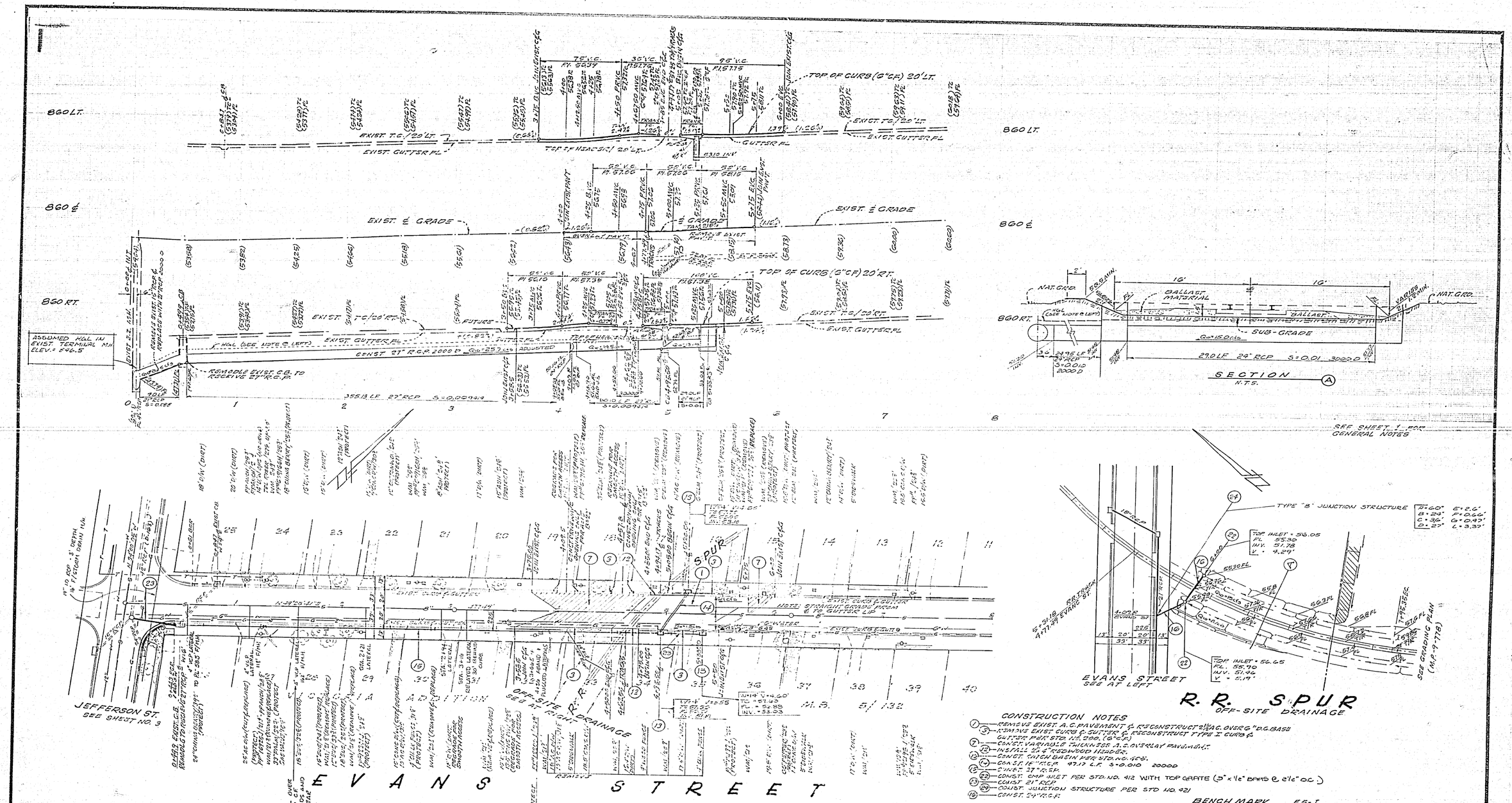
STREET PLAN & PROFILE
LINCOLN AVENUE
MP-9-178

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

ACCOUNT NO R-2154

SHEET 5 OF 6

78-2885



CONSTRUCTION NOTES

1. REMOVE EXIST. A.C. PAVEMENT & RECONSTRUCT 2½" A.C. OVER 6" D.G. BASE
3. REMOVE EXIST. CURB & GUTTER & RECONSTRUCT TYPE I CURB & GUTTER PER STD. NO. 200. (6" C.F.)
7. CONST. VARIABLE THICKNESS A.C. OVERLAY PAVEMENT.
12. INSTALL 2" x 4" REDWOOD HEADER.
13. CONST. CATCH BASIN PER STD. NO. 405.
14. CONST. 18" R.C.P. 47.17 L.F. S=0.010 2000D
15. CONST. 27" R.C.P.
22. CONST. CMP INLET PER STD. NO. 412 WITH TOP GRATE (3" x 1/2" BARS @ 2 1/2" O.C.)
23. CONST. 21" RCP
24. CONST. JUNCTION STRUCTURE PER STD NO. 421
16. CONST. 24" R.C.P.

BENCH MARK F5-I
FD. PK NAIL IN CURB RETURN @ LINCOLN AVE. ENTRANCE TO MUNICIPAL YARD
F.B. 839/68 ELEV. 882.034

APPROVED BY: CHIEF UTILITIES ENGINEER-WATER DATE	HAWKINS, ROBERTSON & ASSOC. ENGINEERS & SURVEYORS RIVERSIDE CALIFORNIA		CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT
APPROVED BY: SOUTHERN CALIFORNIA GAS CO. DATE 10-26-[illegible]	Charles E. Robertson R.C.E. 15016 9/15/78 DATE		APPROVED BY: PUBLIC WORKS DIRECTOR DATE 1/19/79
	FOR: E.R. CARPENTER COMPANY	DESIGNED BY GH DRAWN BY GH CHECKED BY WF	

STREET PLAN & PROFILE
EVANS STREET RAILROAD CROSSING
MP-9-778

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

ACCOUNT NO. R-2154

SHEET 6 OF 6

78-2885