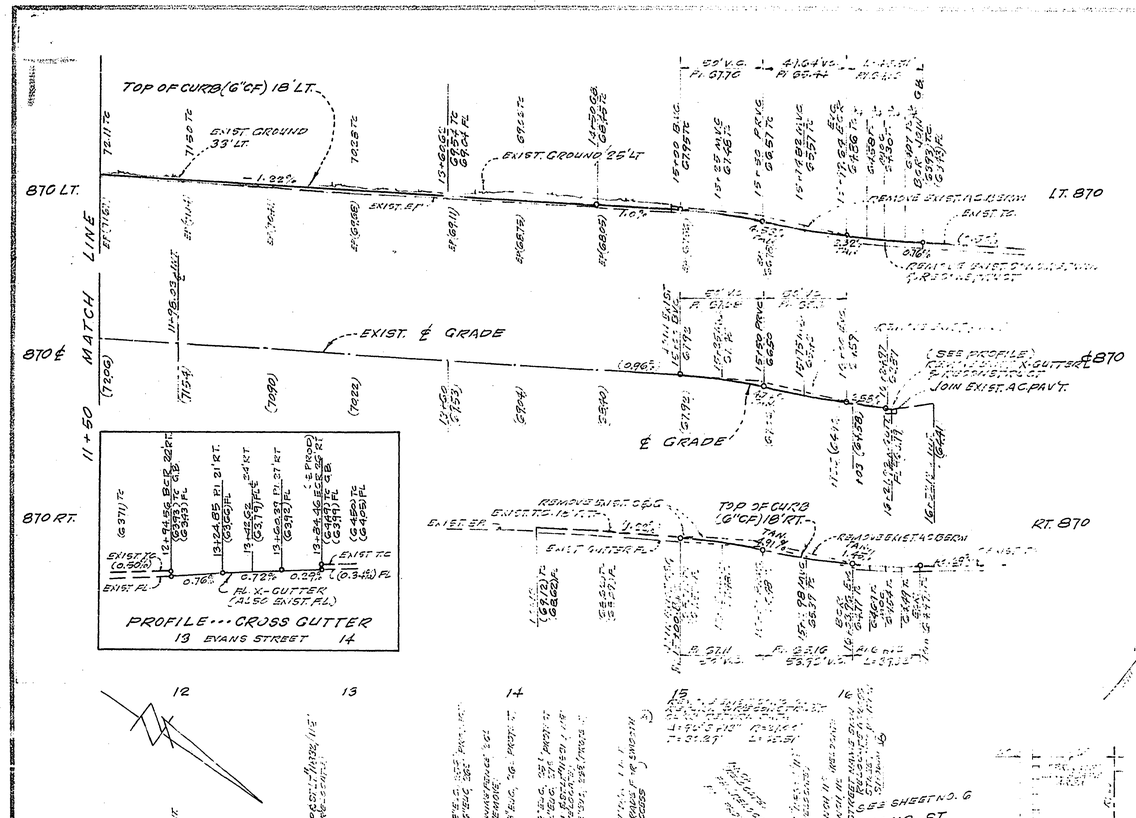
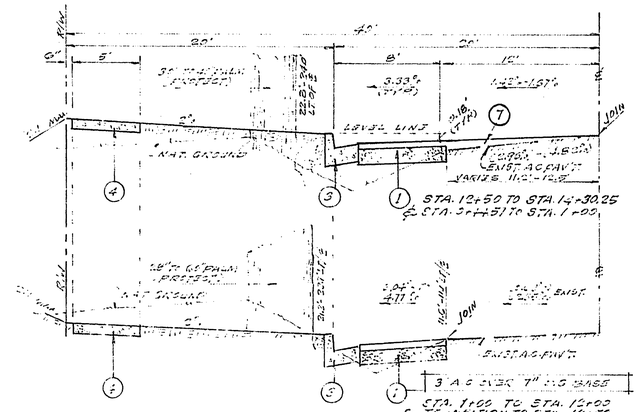


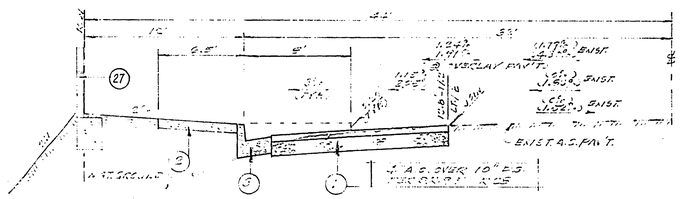


TYPICAL HALF SECTIONS ... JEFFERSON STREET T.I.=6

SCALE: HORIZ. 1"=5', VERT. 1"=2'

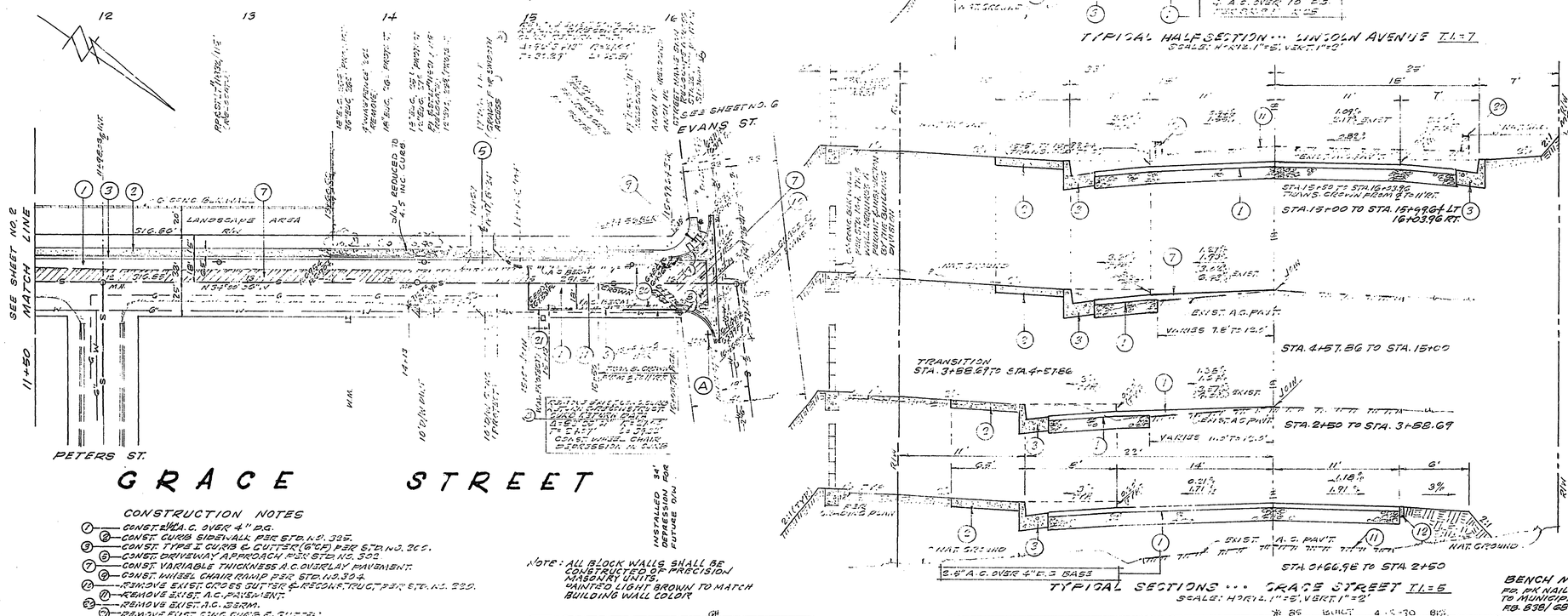
GENERAL NOTES

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, 1976 EDITION.
3. JOIN EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS FOR 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 QUANTITY TO BE 280 TONS.
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' OFF SETS AT 25' INTERVALS.
6. CURB & GUTTER SHALL BE STAKED WITH 5' OFF SETS AT 100' INTERVALS AND TRANSITIONS OR WARPAGE SHALL BE STAKED IN CURB & GUTTER WHICH GRADE IS LESS THAN 0.5%. PLACE SHOVEL LINE AT ALL EXPANSION JOINTS.
7. LOCATION OF UNDERLINE TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR 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 PARK 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. RESIDENTS TO BE GIVEN WRITTEN NOTICE FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW SIXTY TEN (10) WORKING DAYS FOR COMPLETION OF WORK.



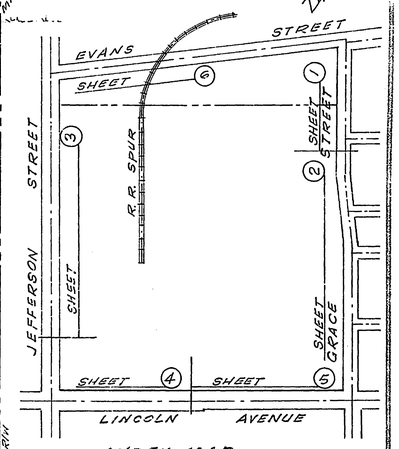
TYPICAL HALF SECTION ... LINCOLN AVENUE T.I.=7

SCALE: HORIZ. 1"=5', VERT. 1"=2'



TYPICAL SECTIONS ... GRACE STREET T.I.=5

SCALE: HORIZ. 1"=5', VERT. 1"=2'



INDEX MAP

SCALE: 1" = 300'

CONSTRUCTION NOTES

1. CONST. 2" A.C. OVER 4" P.C.
2. CONST. CURB SIDEWALK PER STD. NO. 305.
3. CONST. TYPE I CURB & GUTTER (6"CF) PER STD. NO. 200.
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.
12. REMOVE EXIST. CROSS GUTTER & RECONSTRUCT PER STD. NO. 220.
17. REMOVE EXIST. A.C. PAVEMENT.
23. REMOVE EXIST. T.C. BERM.
27. REMOVE EXIST. CONC. CURB & GUTTER.
A. RELOCATE EXIST. STREET NAME SIGN TO POSITION SHOWN.
28. CONST. 2' HIGH CONC. BLOCK WALL (SEE DETAIL SHEET 4.)

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

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

APPROVED BY: John Curtis, PUBLIC WORKS DEPARTMENT, DATE 11/30/78

APPROVED BY: CHIEF UTILITIES ENGINEER-WATER, DATE

APPROVED BY: FOR R. D. Adams, CHIEF UTILITIES ENGINEER ELECTRIC, DATE Nov. 15, 1978

HAWKINS, ROBERTSON & ASSOC.
ENGINEERS & SURVEYORS
RIVERSIDE CALIFORNIA
Charles E. Robertson, R.C.E. 12316, 9/15/78 DATE
FOR: S.R. CARPENTER COMPANY

REVISIONS — DESIGNED BY G.H. DRAWN BY G.H. CHECKED BY W.F.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED		DATE
PUBL. WKS. ENGINEER	WE	2-20
PARK DEPARTMENT	LR	11-21-78
TRAFFIC DIVISION	TE	12-12
CHIEF ENGINEER		

APPROVED BY: WATER & PUBLIC WORKS DIRECTOR — DATE

STREET PLAN & PROFILE
GRACE STREET
MP-9-778

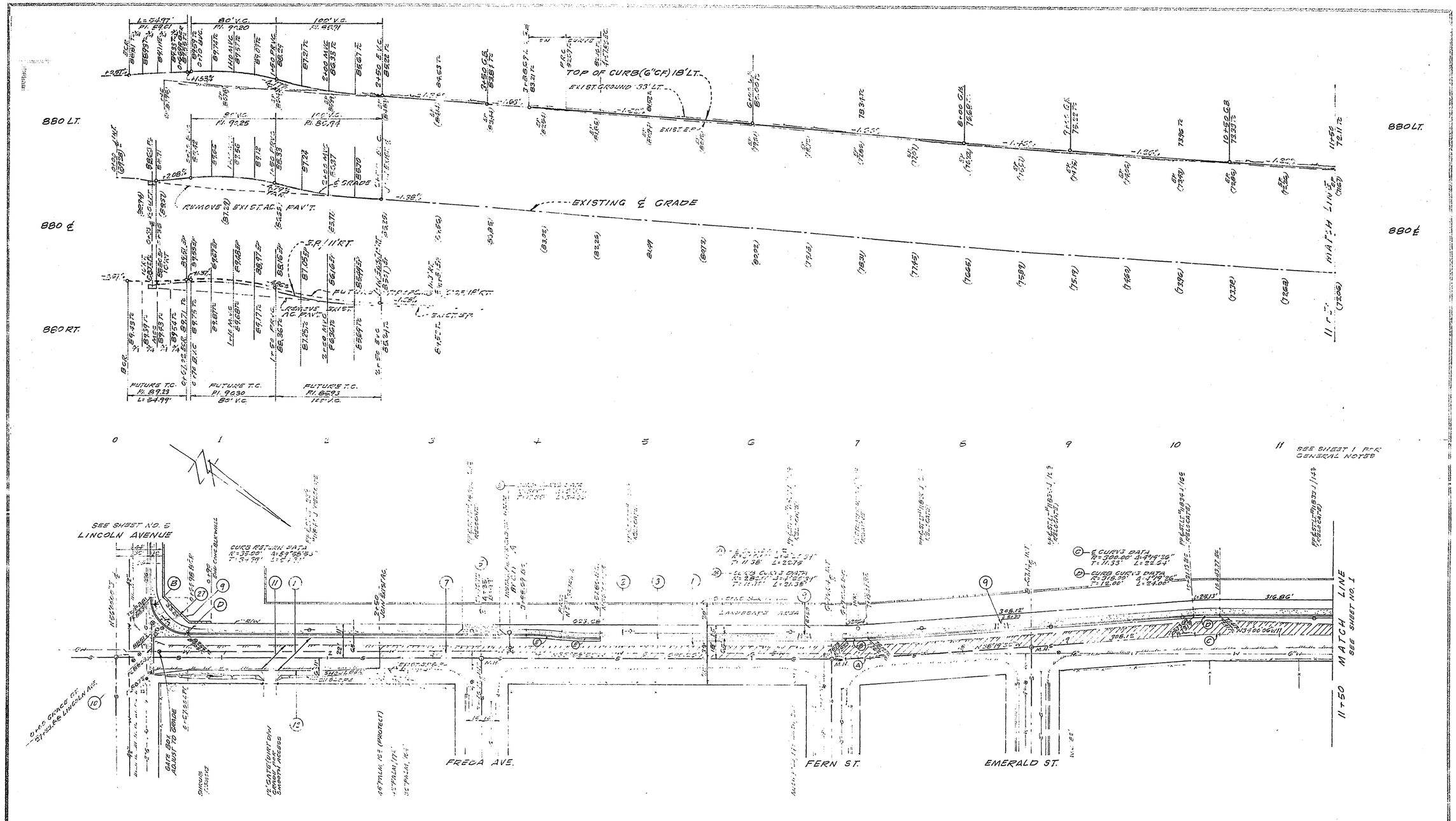
HORIZ. SCALE 1" = 40' VERT. SCALE 1" = 8'

ACCOUNT NO. R-2154

SHEET 1 OF 6

78-2885

INDEXED S.K.



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.
13. INSTALL 2"x4" REDWOOD HEADER.
5. CONST. DRIVEWAY APPROACH PER STD. NO. 302.
8. RELOCATE STREET NAME SIGN PER STD. NO. 662-A
D. 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 PRECISON 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, RCE 13016, 9/15/78, DATE

FOR: E.R. CARPENTER COMPANY

ADDED FH AT 9 & 3 STATION 12/27/79

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

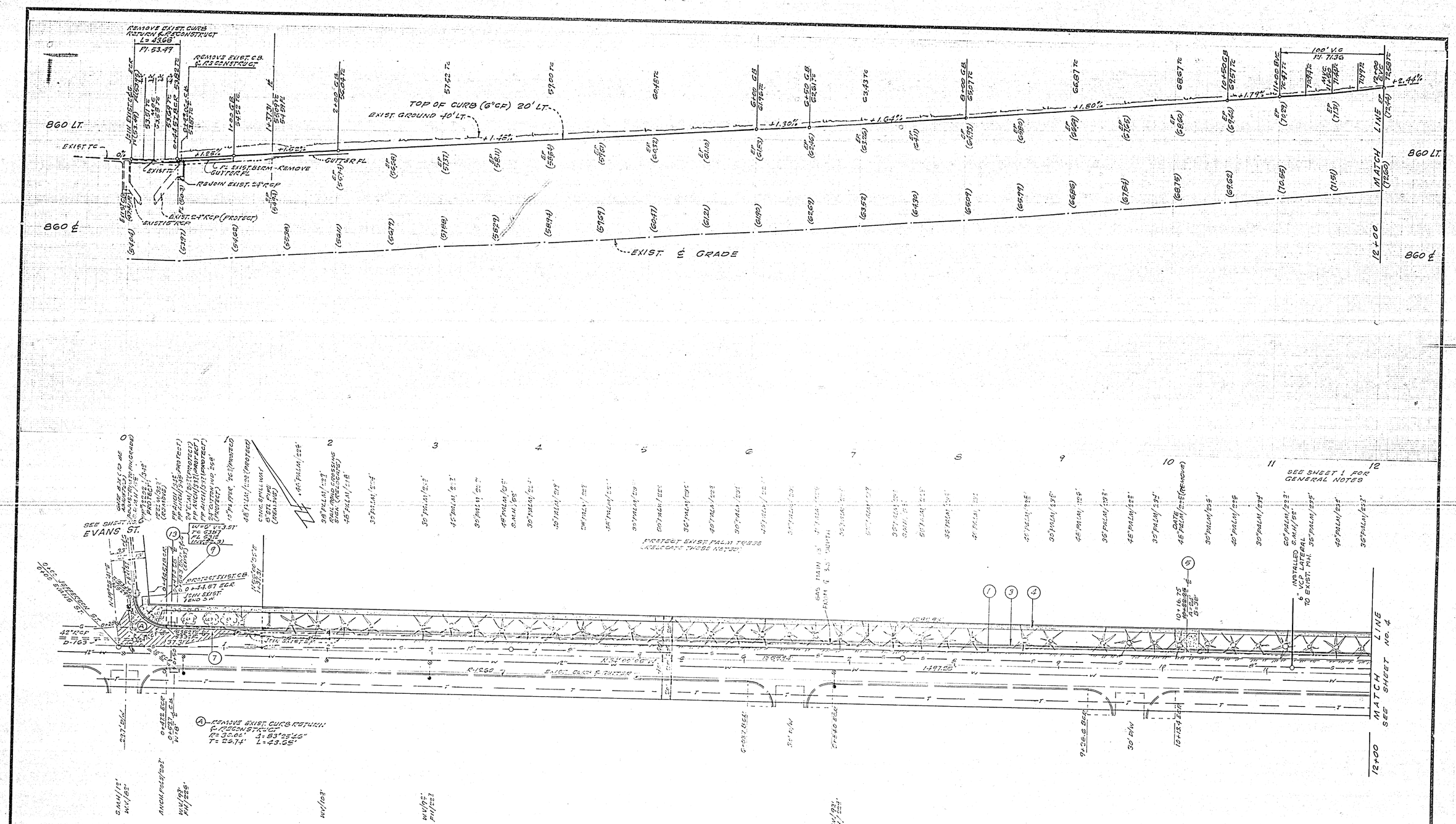
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

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.
12. 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.

JEFFERSON STREET

BENCH MARK FB-1
FOLDING NAIL IN PUBLIC WORKS WATCH @ LINCOLN AVE. ENTRANCE TO MUNICIPAL YARD.
R.B. 838/68 ELEV. 880.034

AS BUILT 4-9-80 BWD

APPROVED BY: O.R. McBroom
SOUTHERN CALIFORNIA GAS CO.
DATE 10-26-78

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

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

HAWKINS, ROBERTSON & ASSOC.
ENGINEERS & SURVEYORS
RIVERSIDE CALIFORNIA
Charles E. Robertson R.C.E. 15015 9/15/78 DATE
FOR: E.R. CARPENTER COMPANY

MARK	REVISIONS	APPR	DATE

DESIGNED BY G.H. DRAWN BY G.H. CHECKED BY W.F.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

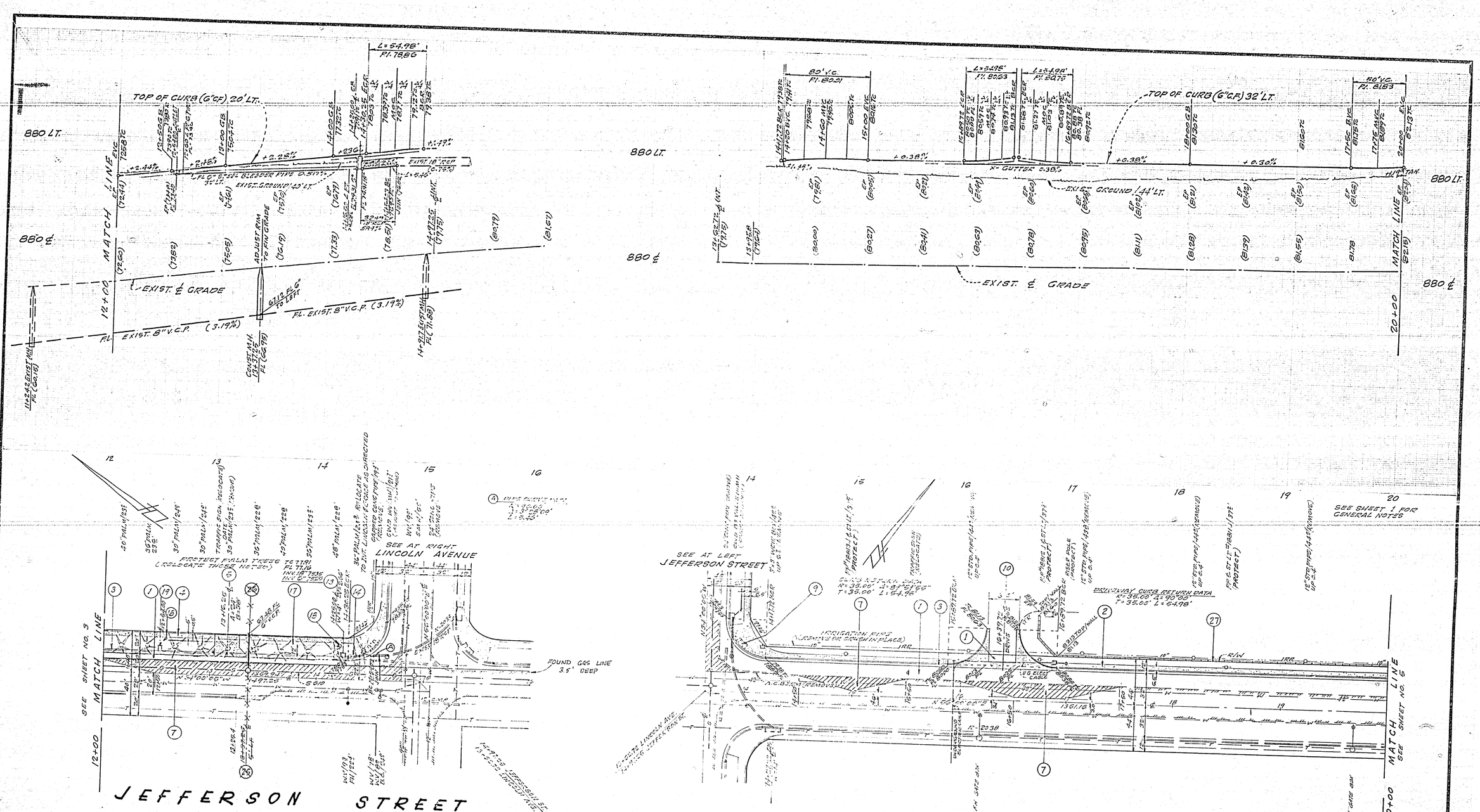
APPROVED	BY	DATE
PRINCIPAL ENGINEER		12-20
PARK DEPARTMENT	ER	11-21-78
TRAFFIC DIVISION	TRB	12-20
CHIEF P.W. ENGINEER		12-20

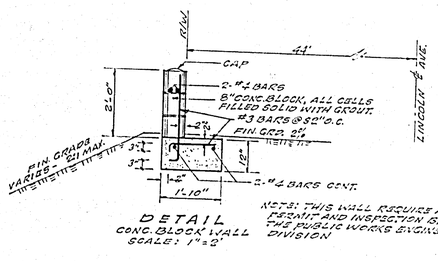
APPROVED BY: PUBLIC WORKS DIRECTOR
DATE 11/13/79

STREET PLAN & PROFILE
JEFFERSON STREET
MP-9-776

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

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





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
5" A.C. OVER 8" A.B. ≡, DRIVEWAY @ 16+39.72, LINCOLN AVE. PER GRADING PLAN

CONSTRUCTION NOTES

1. CONST. "A.C. MIX" D.G.
2. CONST. CURB SIDEWALK PER STD. NO. 323
3. CONST. TYPE I CURB & GUTTER (6" C.F.) PER STD. NO. 200.
4. CONST. MODIFIED TYPE I CURB SIDEWALK PER STD. NO. 323.
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. 12" 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 STRUCTENAMEL COATING PER STD. NO. 604A~~
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 F6-I
FD. PK NAIL IN CURB RETURN @ LINCOLN AVE. ENTRANCE TO MUNICIPAL YARD.
ELEV. 882.034 (NGVD 29)

APPROVED BY: CHIEF UTILITIES ENGINEER-WATER
DATE 11/16/78

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: F.R. CARPENTER COMPANY

MARK	REVISIONS	APPR	DATE

DESIGNED BY G.H. DRAWN BY G.H. CHECKED BY W.F.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	BY	DATE
PRINCIPAL ENGINEER		12-7-78
PARK DEPARTMENT		11-21-78
TRAFFIC DIVISION		12-20
CHIEF W. ENGINEER		12-27

APPROVED BY: PUBLIC WORKS DIRECTOR
DATE 1/19/79

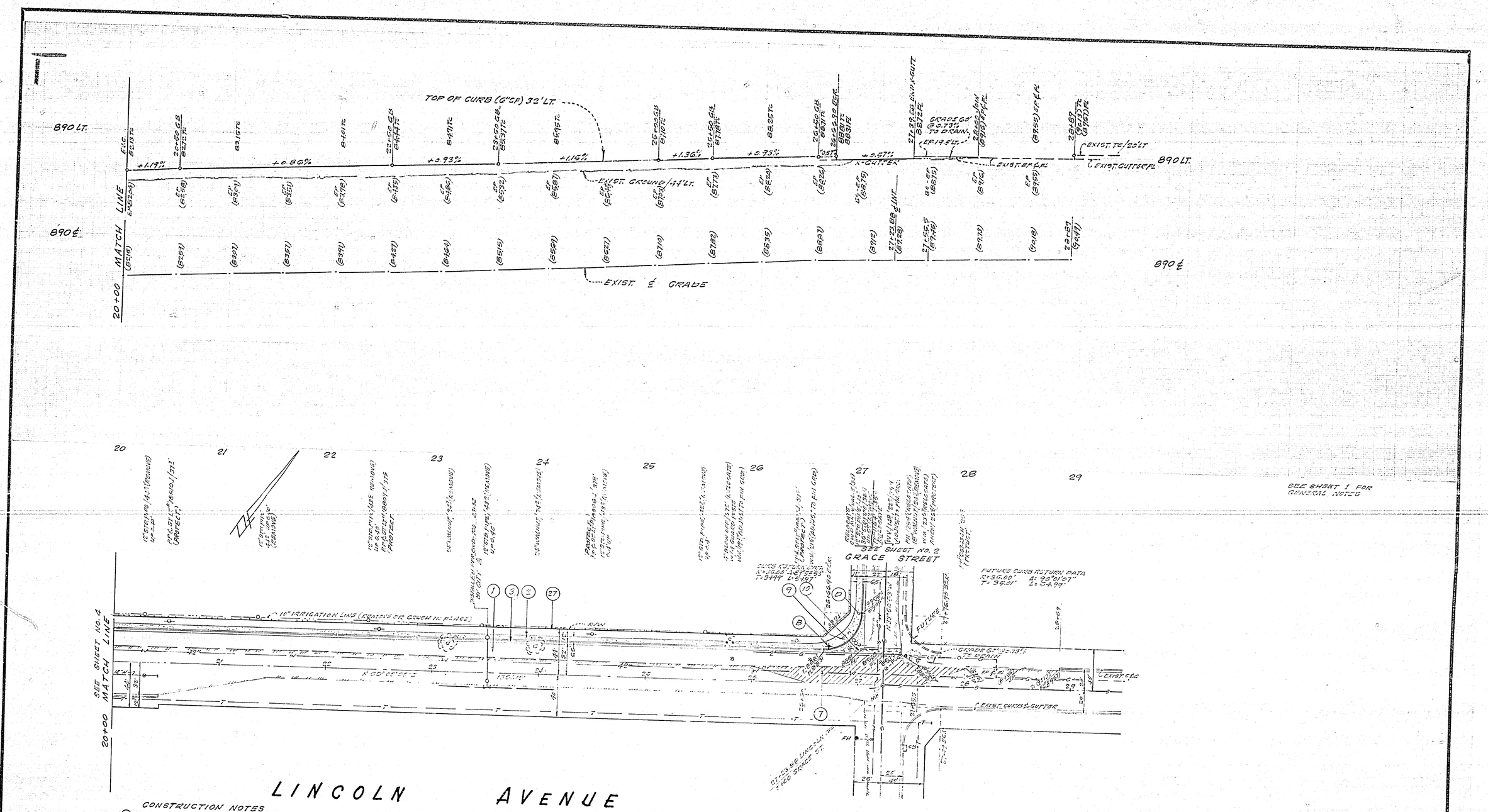
STREET PLAN & PROFILE
JEFFERSON STREET
LINCOLN AVENUE
MP-9-778

ACCOUNT NO. R-2154

SHEET 4 OF 6

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

78-2885



CONSTRUCTION NOTES

1. CONST. 4" A.C. OVER 10" 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 RAMPS PER STD. NO. 304.
10. CONST. CROSS GUTTER PER STD. NO. 220.
11. RELOCATE STREET NAME SIGN PER STD. NO. 662A.
12. REMOVE EXIST. 24" STOP SIGN AND REPLACE WITH R1 (STOP SIGN) 30" OCTAGON.
27. CONST. 2' HIGH CONC. BLOCK WALL (SEE DETAIL, SHEET 4)

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

APPROVED BY: [signature] SOUTHERN CALIFORNIA GAS CO. DATE 11-26-78

APPROVED BY: CHIEF UTILITIES ENGINEER WATER DATE [illegible]

APPROVED BY: [signature] 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
Δ	ADDED F.H. AT STA. 23+52	[illegible]	[illegible]

DESIGNED BY G.H. DRAWN BY G.H. CHECKED BY [illegible]

* AS BUILT 4-8-80 R.P.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

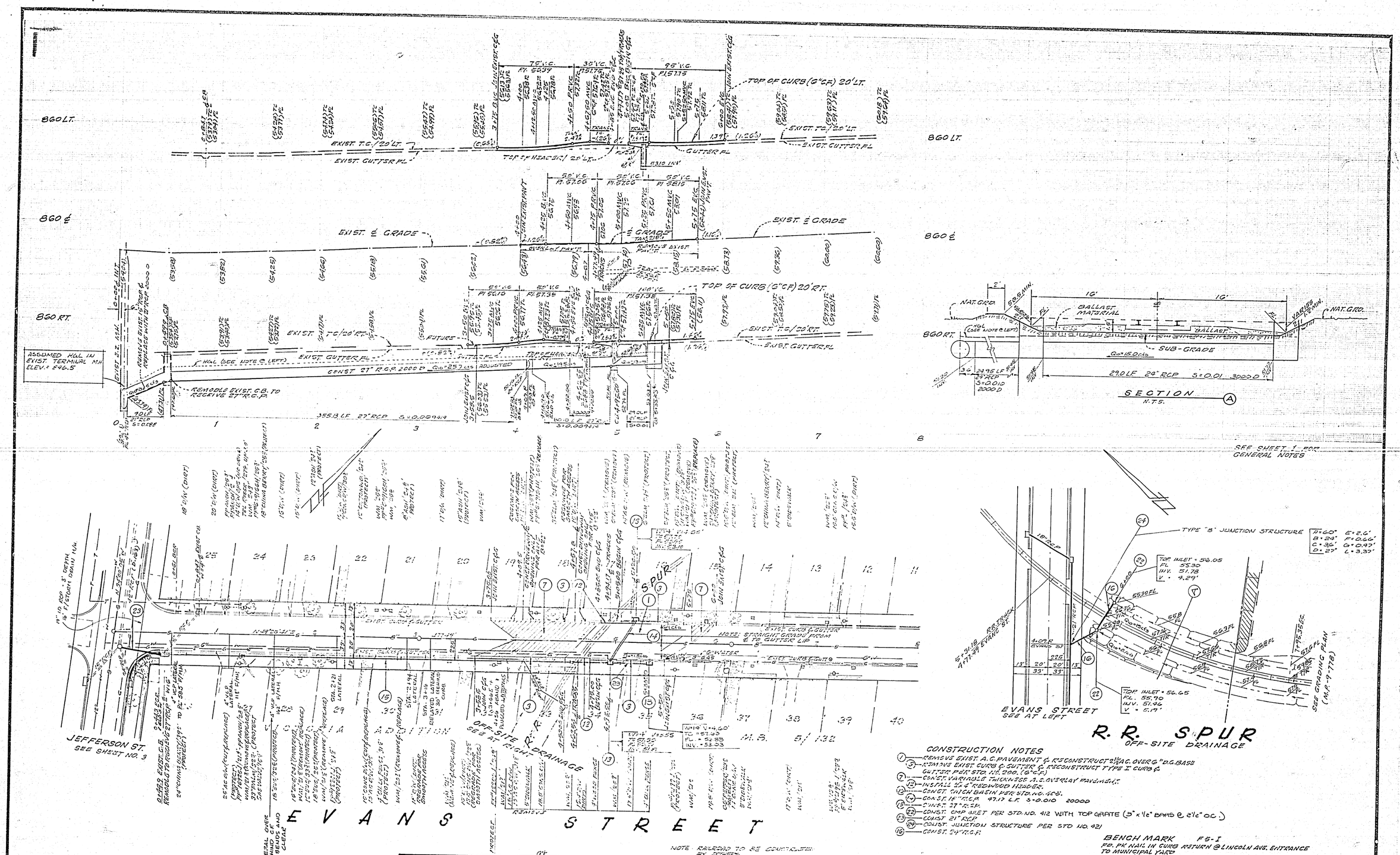
APPROVED	BY	DATE
PRINCIPAL ENGINEER	[illegible]	12-20
PARK DEPARTMENT	[illegible]	11-21-78
TRAFFIC DIVISION	[illegible]	12-20
CHIEF P.W. ENGINEER	[illegible]	12-21

APPROVED BY [signature] PUBLIC WORKS DIRECTOR
DATE 11/3/79

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
5. 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"x4" 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 ½" BARS @ 2½" 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
R.B. 839/68 ELEV. 882.034

NOTE: RAILROAD TO BE CONSTRUCTED BY OTHERS

APPROVED BY:	HAWKINS, ROBERTSON & ASSOC. ENGINEERS & SURVEYORS RIVERSIDE CALIFORNIA		CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	STREET PLAN & PROFILE EVANS STREET RAILROAD CROSSING MP-9-778	ACCOUNT NO. R-2154
CHIEF UTILITIES ENGINEER-WATER DATE	Charles E. Robertson 9/15/78 R.C.E. 15016 DATE	MARK / REVISIONS / APPR / DATE	APPROVED / BY / DATE: PRINCIPAL ENGINEER / PARK DEPARTMENT / TRAFFIC DIVISION / CHIEF P.W. ENGINEER	APPROVED BY: PUBLIC WORKS DIRECTOR DATE 1/19/79	SHEET 6 OF 6
APPROVED BY: SOUTHERN CALIFORNIA GAS CO. DATE 10-26-78	FOR: E.R. CARPENTER COMPANY	DESIGNED BY GH DRAWN BY GH CHECKED BY WK		HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'	78-2885

*AS BUILT 4-7-80 BKD