EXISTING ℄ DWIGHT AVE.

SAME POINT

EXISTING ℄ SEVENTH ST.

EXIST. ℄ OTTAWA AVE.

EX. 8" C.F.

S = +0.70 2%

S = +1.20 4%

GROUND AT R/W

S = -0.73 1%

S = -0.94 4%

PROPOSED T.C. 18' LT. G" CURB

ELEV. OF PAVING AT TRIM LINE

TAN = 0.25%

TAN = 0.30%

S = -0.27 7%

S = -0.20%

PROPOSED T.C. 20' RT. G" CURB

S = -0.20 0%

S = +1.27 7% (34.02)

EXIST. T.C.

PROPOSED T.C. 18' RT. G" CURB

40' I.C.

SSB

930.70 ℄

CONC. DOLLAR

REMOVE C.B.

FLOW 18" RCP 2000.D (S = 0.006 7%)

931.58 ℄

931.75 ℄

C.L.P. CULVERT

21" RCP TO BE CONN. TO EXIST. C.B.

PROFILE OF C.B. AND CONNECTOR PIPE AT STA. 13+69.49

936 / 932 / 928

7 6 5 4 17 16 15 14 13 4 5 6 7

DETAIL 1"=10'

SEE SHEET 2 FOR GENERAL NOTES

SEE SHEET 2 FOR ALLEY IMPROVEMENTS

SEE SHEET 2 FOR ALLEY PLAN

SEWER PLAN REFERENCE BOOK 2, PAGE 21

CONSTRUCTION NOTES

1. REMOVE EXISTING 2' C.B., V = 18", ~~AND CONNECT 12" R.C.P. FROM NEW C.B. TO EXISTING CULVERT~~. ALSO REMOVE C & G.
2. C.B. PER STD. 405, V = 3' W = 4', 12" R.C.P., 2000D. L = 28'±.
3. WHEELCHAIR RAMP PER STD. 304.
4. CONSTRUCT 12" R.C.P. 2000 D FOR ON SITE C.B. L = 20'± IN STREET R/W.
5. RELOCATE 2" AIR RELEASE VALVE BEHIND CURB. (BY CITY FORCES)
6. ~~CONSTRUCT ALLEY PER STANDARD DRAWING 110, TYPE I.~~
7. CONSTRUCT DRIVEWAY APPROACH AT ALLEY PER ~~STANDARD~~ DRAWING 302, TYPE II, A=20', B=34'.
8. CONSTRUCT ~~MATCHUP~~ A.C. PAVING 2½" A.C. OVER 5½" CRUSHED AGGREGATE BASE PER SOIL REPORT 1163, R=37.
9. CONSTRUCT CURB AND GUTTER PER STANDARD DRAWING 200. 6" C.F.
10. CONSTRUCT ~~SIDEWALK~~ PER STANDARD DRAWING 325.
11. STOP SIGNS AND STREET SIGN - RELOCATE AS DIRECTED.
12. PLANT STREET TREES PER CITY OF RIVERSIDE PARKS AND RECREATION DEPARTMENT STANDARDS.

INSTALL 4" STEEL PIPE 4'-6" ABOVE GRADE, WITH 2'-6" EMBEDMENT FOR PROTECTION OF POWER POLE.

CITY OF RIVERSIDE ~~PUBLIC~~ DOMESTIC WATER SYSTEM
E. L. Armon for 9-12-83
CHIEF UTILITIES ENGINEER DATE

CITY OF RIVERSIDE
ELECTRIC DEPARTMENT
Glen Johnson E/C E 3
APPROVED BY DATE

NEAL L. SMITHHAMMER
1698 N. EUCALYPTUS AVE.
RIALTO, CALIFORNIA, 92376
714-875-2980

APPROVED BY Neal L. Smithhammer R.C.E. 16757
DATE: 18 APR 83

MARK	REVISIONS	APPR.	DATE
1	Revised T.C. Elev.	MJD	10/5/83
2	Revised Location of Tel. Duct	MJD	
3	Added W.A.B. & Valves	MJD	
4	Added Elev.	MJD	
5	Revised C.B. & Pipe Elev. See Sht. 2	MJD	11/15/83

DESIGNED BY N.L.S. DRAWN BY D.L.P. CHECKED BY N.L.S.

NOTE: THIS PLAN (R-2540A) IS FOR STORM DRAIN CONST. ONLY. FOR EXIST. IMPROVEMENTS SEE PLAN R-2540.

BENCH MARK:
SPIKE IN N.W. CURB RETURN AT OTTAWA AVE. & LOMA VISTA. C/R FB. 550/GG
ELEV. = 929.77. PER PLAN R-1194

† AS BUILT SK 5/31/84

INDEX WF

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		9-23
PARK DEPARTMENT		—
TRAFFIC DIVISION		—
CHIEF PUB. WKS. ENGR.		5-23
CITY LAND DEVELOPMENT		

APPROVED BY Ernest C. Wilson
DIRECTOR OF PUBLIC WORKS
DATE 3/23/84

7TH ST. at OTTAWA AVE. STORM DRAIN EXTENSION

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

ACCOUNT No. 30-875-276-07
DRAWING NUMBER R-2540A
SHEET 1 OF 2
DRAWN BY SK CHECKED BY R.C.M.

R-2540-1944

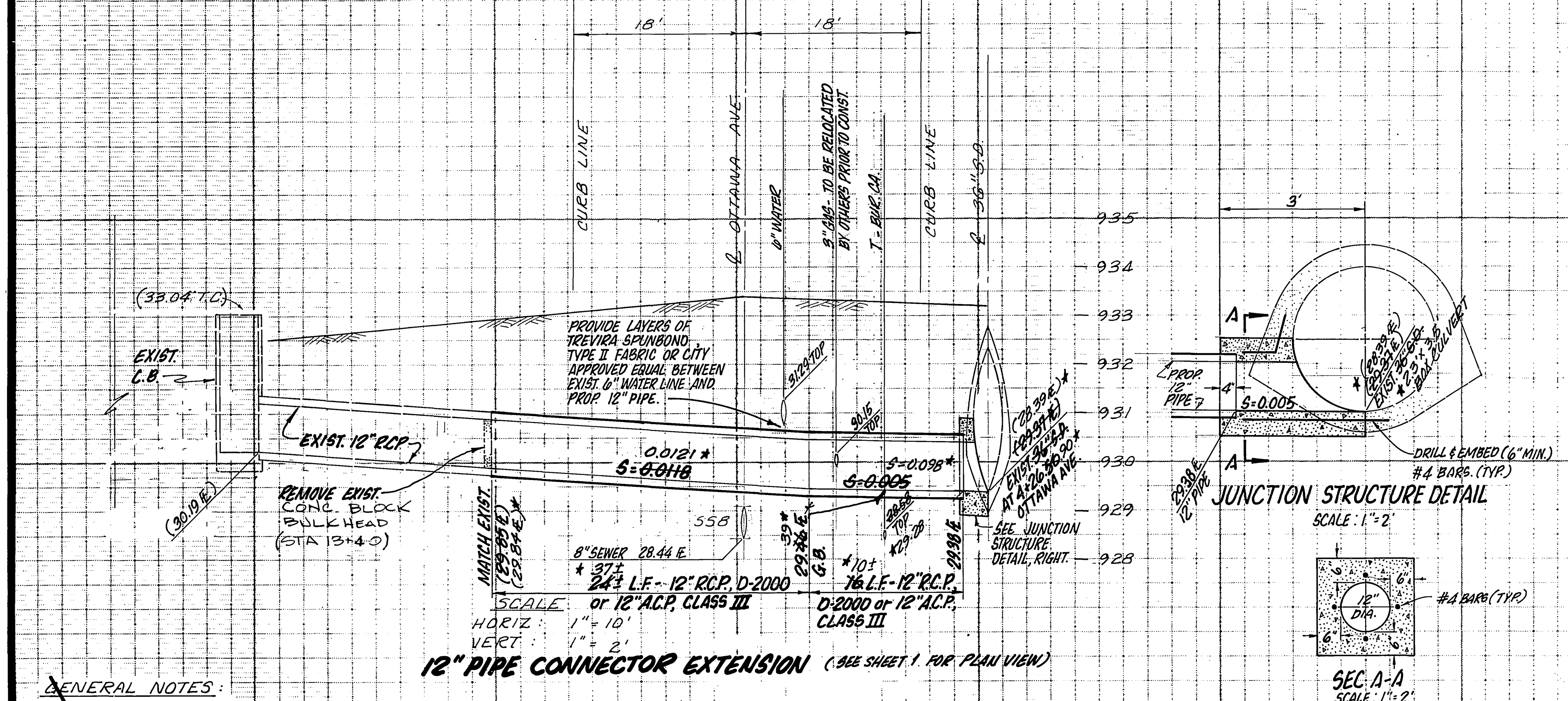
31 [illegible]

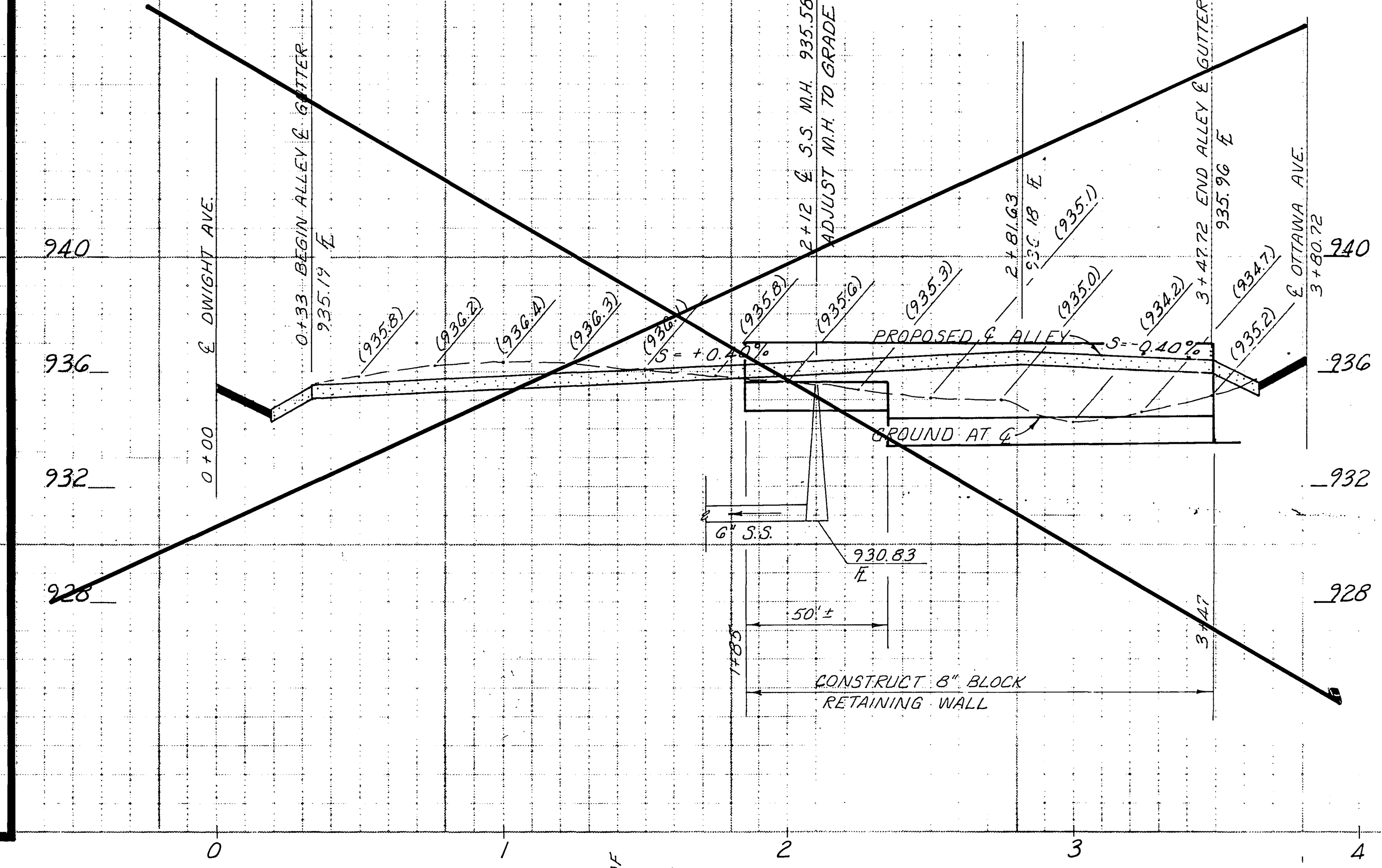
GENERAL NOTES

① EXIST. 12" AND 36" STORM DRAINS SHALL BE EXPOSED AND ELEVATIONS VERIFIED PRIOR TO ISSUANCE OF GRADE SHEETS.

② UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER A UTILITY IS KNOWN IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS ?—— INDICATES THAT COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.

③ PERMANENT TRENCH RESURFACING OVER 12" PIPE SHALL BE 3½" A.C./5½" C.A.B.





GENERAL NOTES CONT.

10. ALL RELATED WORK SHALL CONFORM TO THE CITY OF RIVERSIDE, PARK AND RECREATION DEPARTMENT STANDARDS.

11. 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).

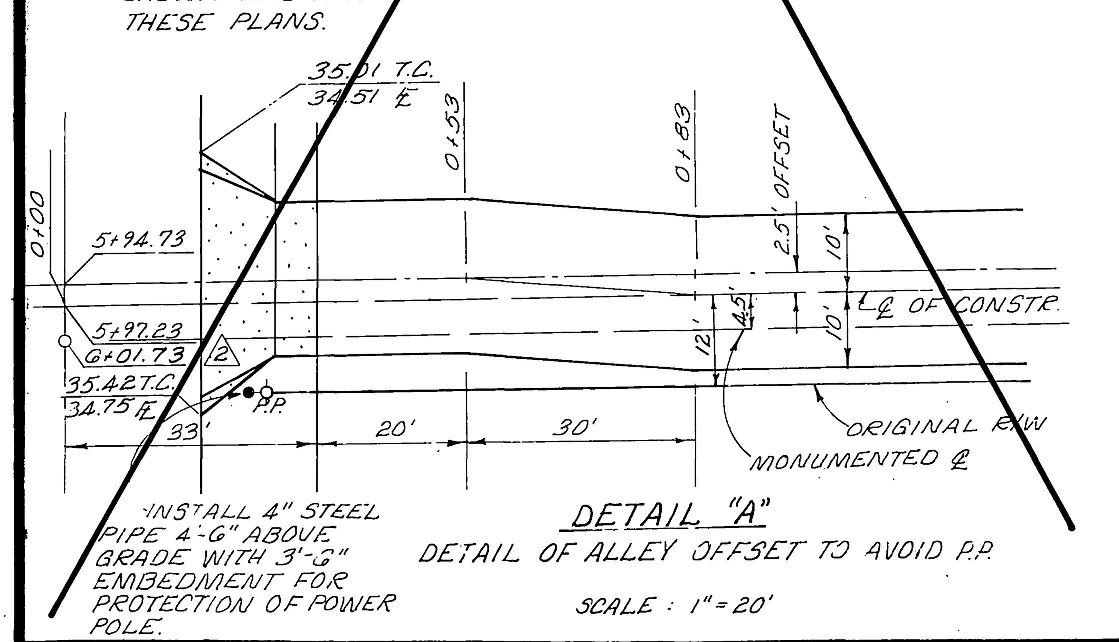
12. THE CONTRACTOR/DEVELOPER SHALL MAINTAIN ALL PLANTINGS FOR A MINUNUM PERIOD OF ONE (1) YEAR.

13. STREET TREE PLANTING SHALL BE AS FOLLOWS: a) SEVENTH STREET, WASHINGTONIA ROBUSTA (MEXICAN FAN PALM), 15 GAL. MIN. SIZE. b) OTTAWA AVE., WASHINGTONIA ROBUSTA (MEXICAN FAN PALM), 15 GAL. MIN. SIZE, APPROX. 50' APART c) DWIGHT AVE, WASHINGTONIA ROBUSTA (MEXICAN FAN PALM), 15 GAL. MIN. SIZE, APPROX. 50' APART.

14. A PUBLIC WORKS DEPARTMENT PERMIT IS REQUIRED PRIOR TO COMMENCEMENT OF TREE RELOCATION AND/OR REMOVAL WORK. FOR ALL TREES WITHIN THE ULTIMATE PAVEMENT AREA, BACKFILL OF ALL HOLES IS TO BE INSPECTED BY THE CITY FOR PROPER COMPACTION.

GENERAL NOTES:

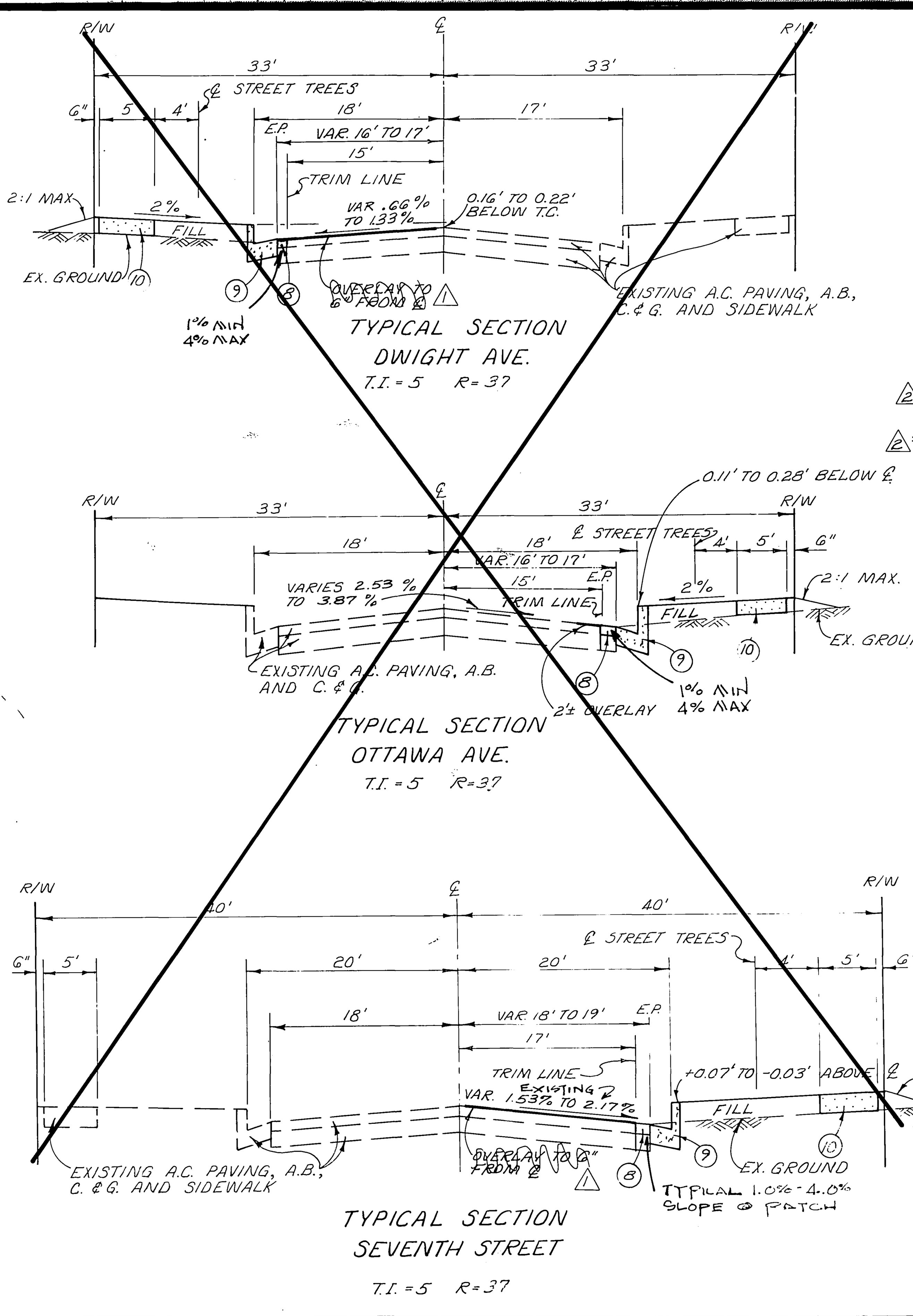
1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE, DEPARTMENT OF PUBLIC 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. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION. ENGINEER ESTIMATES OVERLAY TO BE 10 TONS
4. CURB AND GUTTER SHALL BE STAKED WITH 3' OFFSETS AT 25' INTERVALS. (ALSO SEE NOTE 5 FOR GRADES LESS THAN 0.40%.)
5. CURB AND GUTTER SHALL BE STAKED WITH 3' OFFSETS AT 12.5' INTERVALS AND TWO ROWS OF NUMBER 3 RE-BAR SHALL BE PLACED IN GUTTER WHERE GRADE IS LESS THAN 0.40%. PLACE 3/4" DOWEL PINS AT ALL EXPANSION JOINTS.
6. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
7. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
8. 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 AS A RESULT OF ERRORS OR OMISSIONS, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
9. NOTICE TO CONTRACTOR: THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

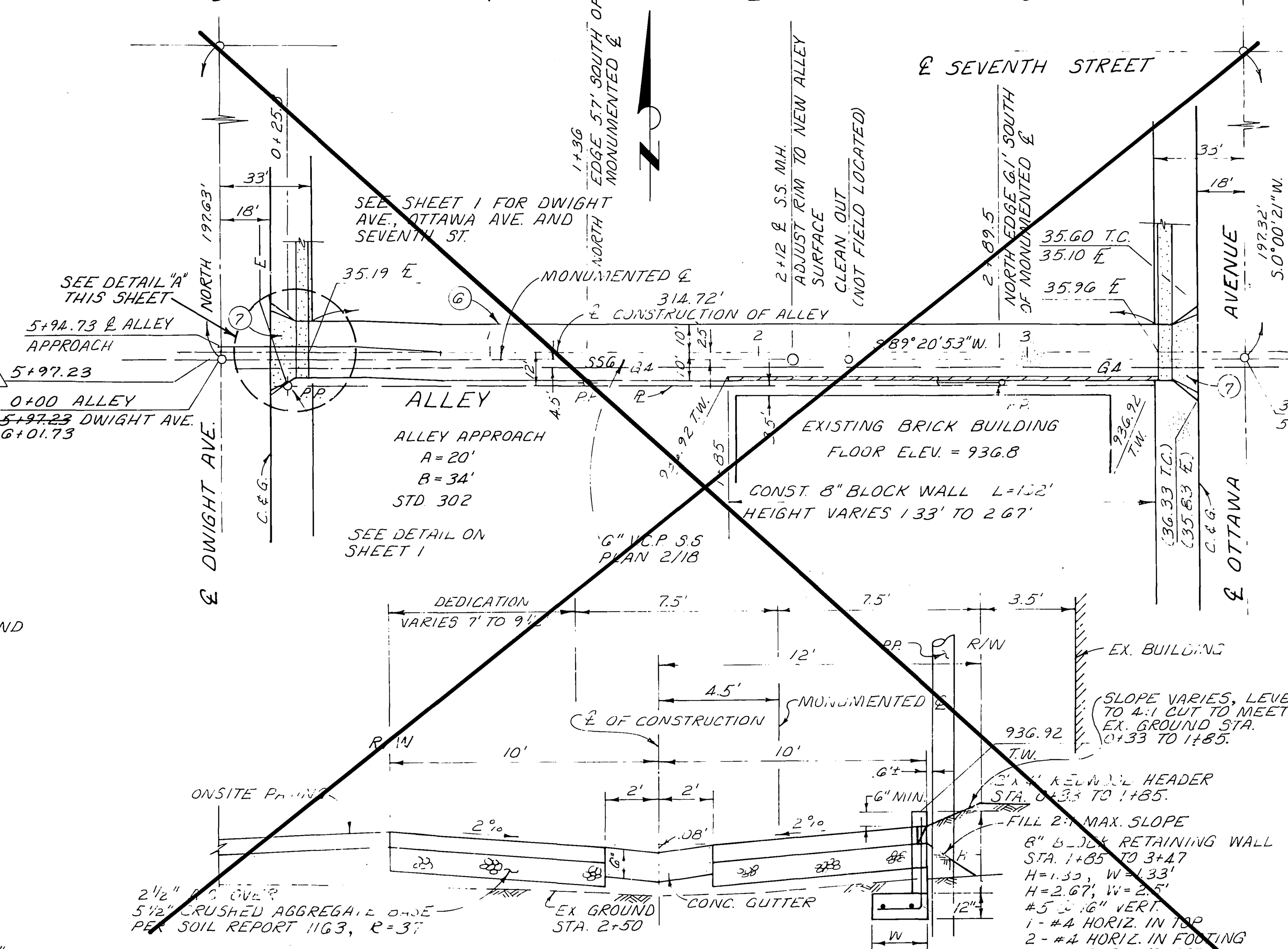


DETAIL "A"

DETAIL OF ALLEY OFFSET TO AVOID P.P.

SCALE: 1" = 20'





ALLEY SECTION
STD. 110
STA. 1+67 TO 3+47
T.I. = 5

NOTE: BOTH ALLEY APPROACHES SHALL BE DEPRESSED AT THE REAR OF THE APPROACH TO DRAIN ALLEY.

GENERAL NOTES CONT.

15. THE PRIVATE ENGINEER PREPARING THESE PLANS SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
16. ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE 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.
17. 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.

BENCH MARK:
SPIKE IN N.W. CURB RETURN AT OTTAWA AVE. & LOMA VISTA. C/R F.B. 550/66. ELEV. = 929.77 PER PLAN R-1194.

★ AS BUILT SK 5/31/84

INDEX WF

CITY OF RIVERSIDE DOMESTIC WATER SYSTEM	CITY OF RIVERSIDE ELECTRIC DEPARTMENT	SO. CALIF. GAS CO.
E. C. [signature] for 9-12-83 CHIEF UTILITIES ENGINEER - DATE	APPROVED BY DATE	APPROVED BY DATE

NEAL L. SMITHHAMMER
1698 N. EUCALYPTUS AVE.
RIALTO, CALIFORNIA, 92376
714-875-2980
APPROVED BY: [signature] R.C.E. 16757
DATE: 18 APR. 83

MARK	REVISIONS	APPR.	DATE
1	Overlay Deleted		
2	Corrected Stationing		

DESIGNED BY N.L.S. DRAWN BY D.L.P. CHECKED BY N.L.S.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		3/23
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	—	—
CHIEF PUB. WKS. ENGR.		3-23
LAND DEVELOPMENT		3-23

APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS
DATE 3/23/84

7TH ST. at OTTAWA AVE. STORM DRAIN EXTENSION

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SHEET 2 OF 2
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PC 1344