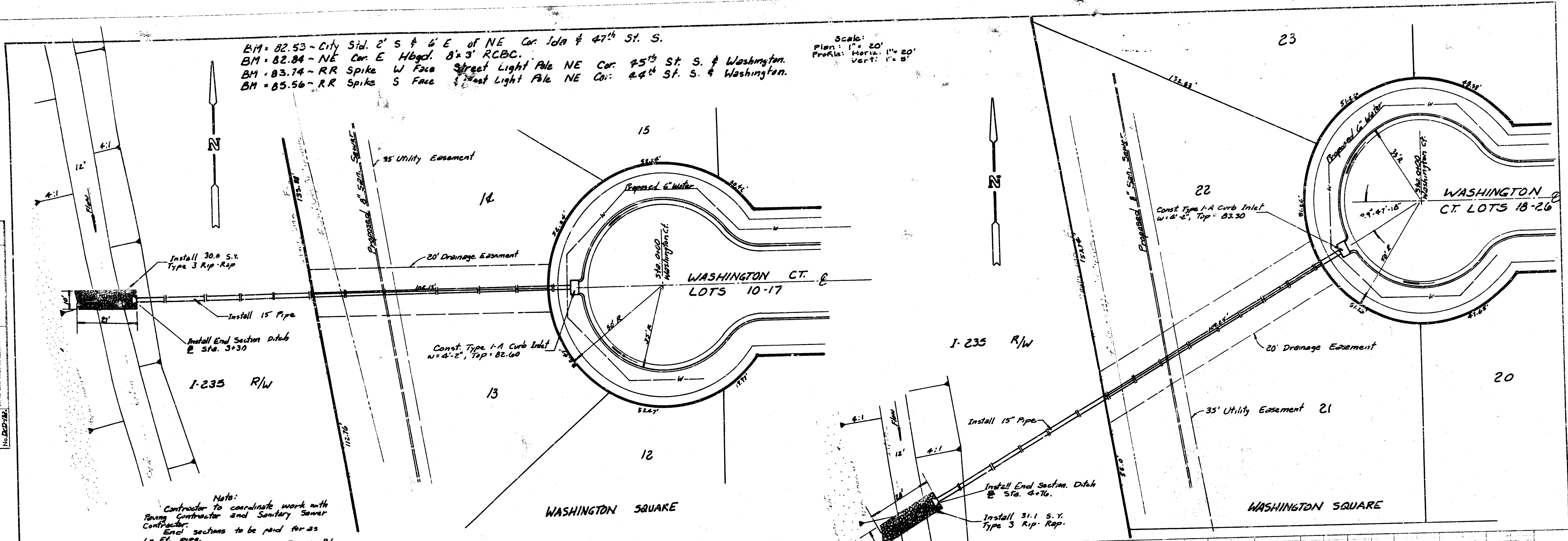


PLAN  
 DATE: 11/17/12  
 BY: R. W. LINN  
 CHECKED: R. W. LINN  
 NO. 22714

PROFILE  
 DATE: 11/17/12  
 BY: R. W. LINN  
 CHECKED: R. W. LINN  
 NO. 22714

BM - 82.53 - City Sid. 2' S & 6' E of NE Cor. Ida & 47th St. S.  
 BM - 82.84 - NE Cor. E Hbgl. 8x3' RCBC.  
 BM - 83.74 - RR Spike W Face Street Light Pole NE Cor. 25th St. S. & Washington.  
 BM - 85.56 - RR Spike S Face Street Light Pole NE Cor. 24th St. S. & Washington.

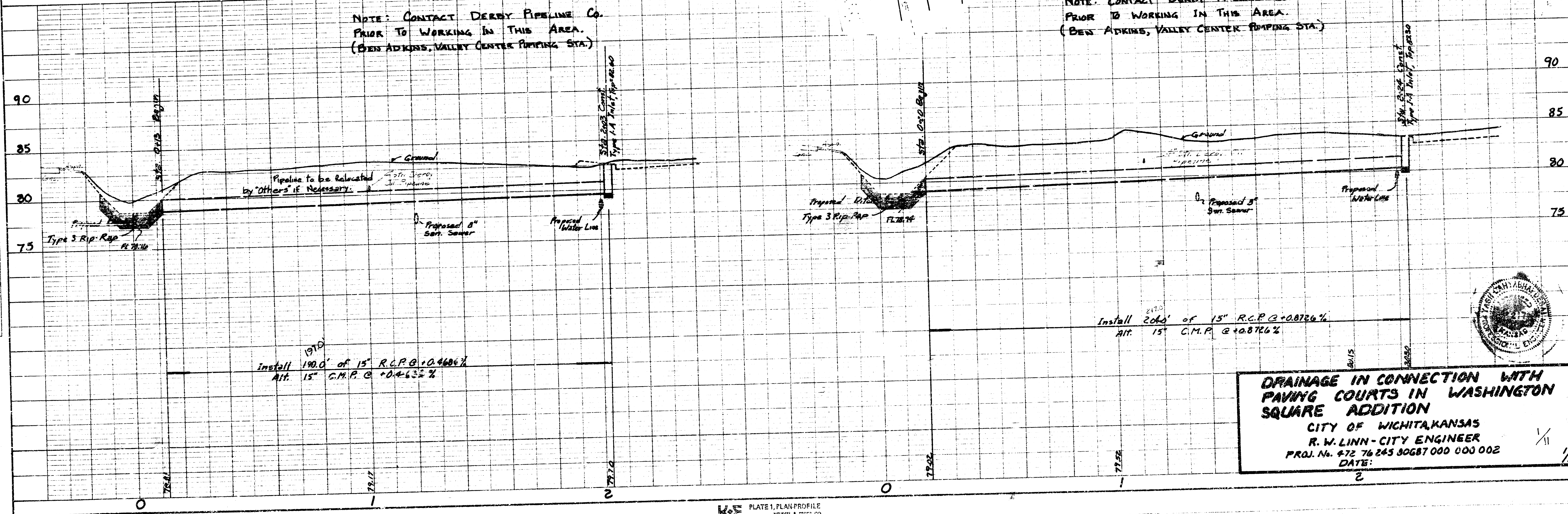
Scale: 1" = 20'  
 Plan: 1" = 20'  
 Profile: 1" = 20'



Note:  
 Contractor to coordinate work with  
 existing Contractor and Sanitary Sewer  
 Contractor.  
 End sections to be paid for as  
 L.F. Pipe.  
 Seed disturbed areas in I-235 R/W  
 as per specs.

NOTE: CONTACT DERRY PIPELINE CO.  
 PRIOR TO WORKING IN THIS AREA.  
 (BEN ADKINS, VALLEY CENTER PUMPING STA.)

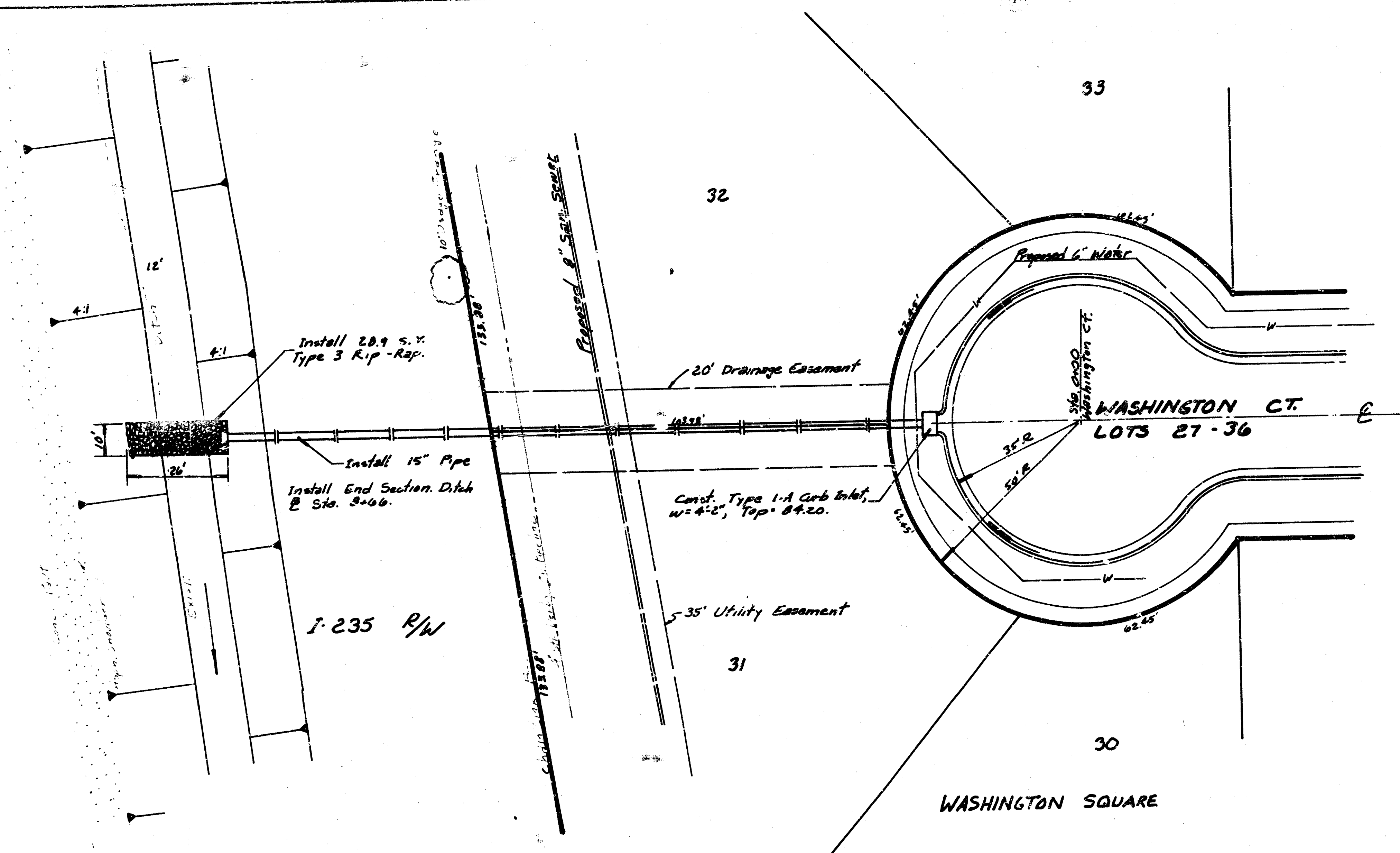
NOTE: CONTACT DERRY PIPELINE CO.  
 PRIOR TO WORKING IN THIS AREA.  
 (BEN ADKINS, VALLEY CENTER PUMPING STA.)



**DRAINAGE IN CONNECTION WITH  
 PAVING COURTS IN WASHINGTON  
 SQUARE ADDITION**  
 CITY OF WICHITA, KANSAS  
 R. W. LINN - CITY ENGINEER  
 PROJ. No. 472 76 245 30687 000 000 002  
 DATE: 11/17/12

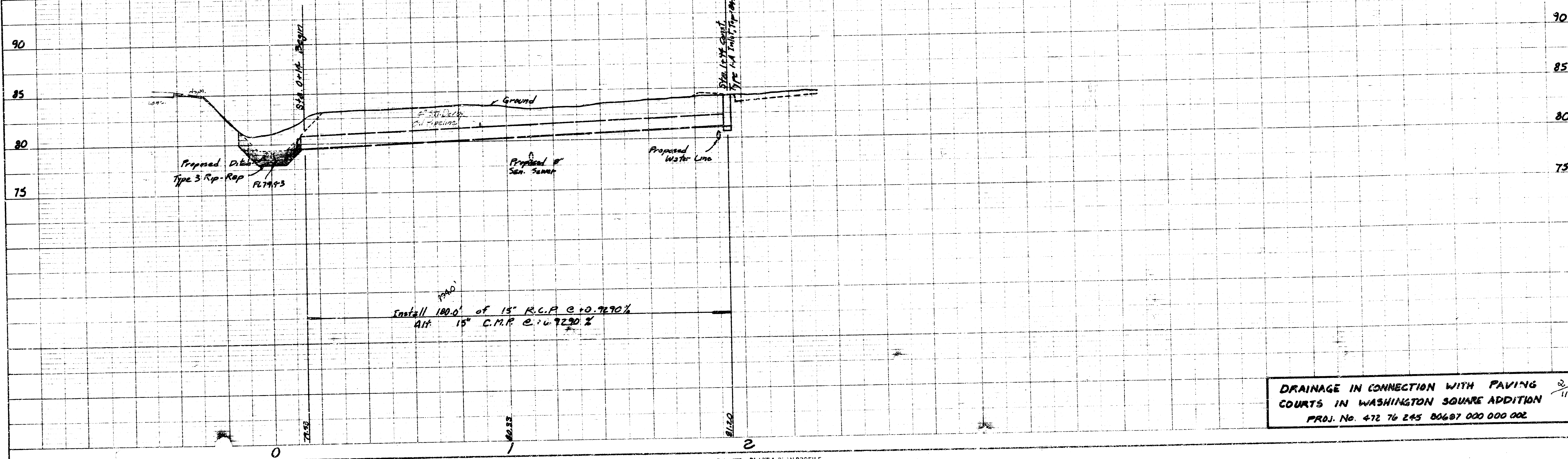
|           |    |      |
|-----------|----|------|
| DATE      | BY | CHKD |
|           |    |      |
| PLAN      |    |      |
| NOTE BOOK |    |      |
| No.       |    |      |

|           |    |      |
|-----------|----|------|
| DATE      | BY | CHKD |
|           |    |      |
| PROFILE   |    |      |
| NOTE BOOK |    |      |
| No.       |    |      |



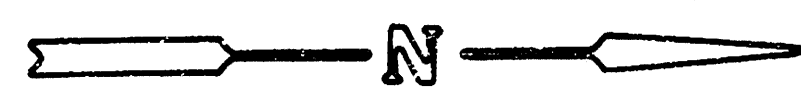
SCALE:  
PLAN: 1"=20'  
PROFILE: HORIZ: 1"=20'  
VERT: 1"=5'

NOTE: CONTACT DERBY PIPELINE CO.  
PRIOR TO WORKING IN THIS AREA.  
(BEN ADKINS, VALLEY CENTER PUMPING STA.)



DRAINAGE IN CONNECTION WITH PAVING  
COURTS IN WASHINGTON SQUARE ADDITION  
PROJ. No. 472 76 245 00697 000 000 002





Scale:  
Plan: 1" = 20'  
Profile: Horiz: 1" = 20'  
Vert: 1" = 5'

|         |           |      |
|---------|-----------|------|
| PLAN    | REVISIONS | DATE |
|         | NOTED     | BY   |
| PROFILE | REVISIONS | DATE |
|         | NOTED     | BY   |

1-235 R/W

NOTE: CONTACT DERBY PIPELINE CO.  
PRIOR TO WORKING IN THIS AREA.  
(BEN ADKINS, VALLEY CENTER PUMPING STA.)

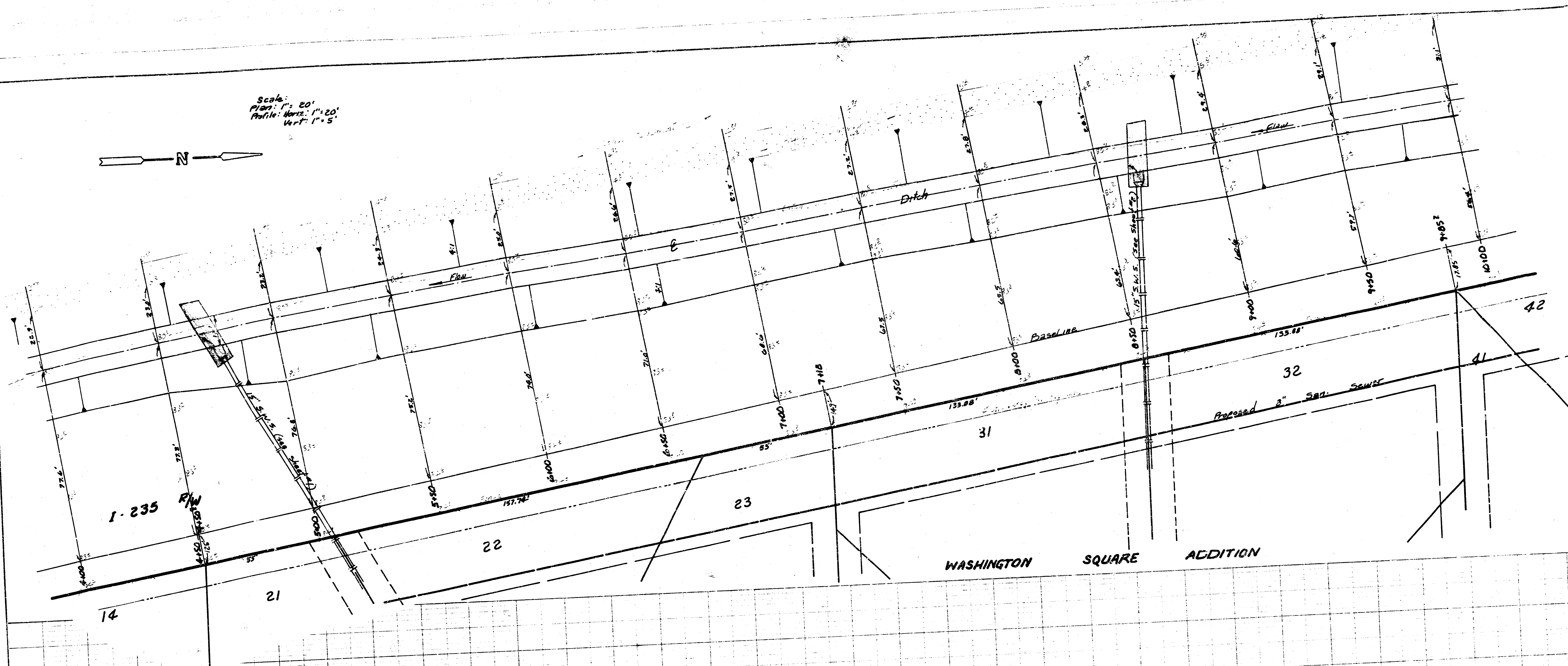
WASHINGTON SQUARE ADDITION

DRAINAGE IN CONNECTION WITH PAVING  
COURTS IN WASHINGTON SQUARE ADDITION  
PROJ. NO. 472 76 245 80687 000 000 002

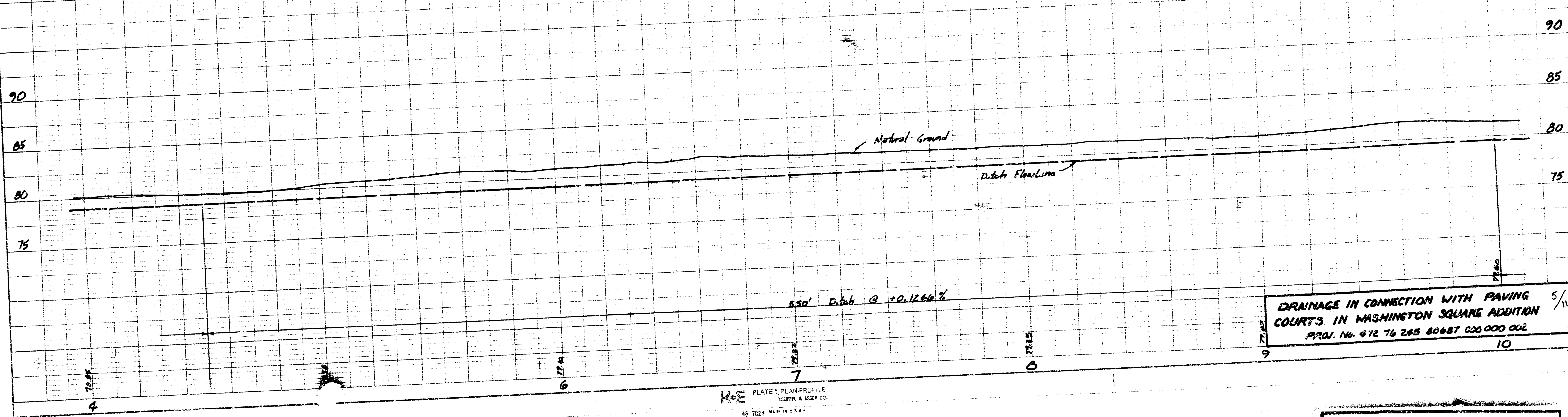
|           |      |    |
|-----------|------|----|
| PLAN      | DATE | BY |
| PROJECT   |      |    |
| NOTE BOOK |      |    |
| NO.       |      |    |

|           |      |    |
|-----------|------|----|
| PROFILE   | DATE | BY |
| PROJECT   |      |    |
| NOTE BOOK |      |    |
| NO.       |      |    |

Scale:  
Plan: 1" = 20'  
Profile: Horiz: 1" = 20'  
Vert: 1" = 5'



WASHINGTON SQUARE ADDITION



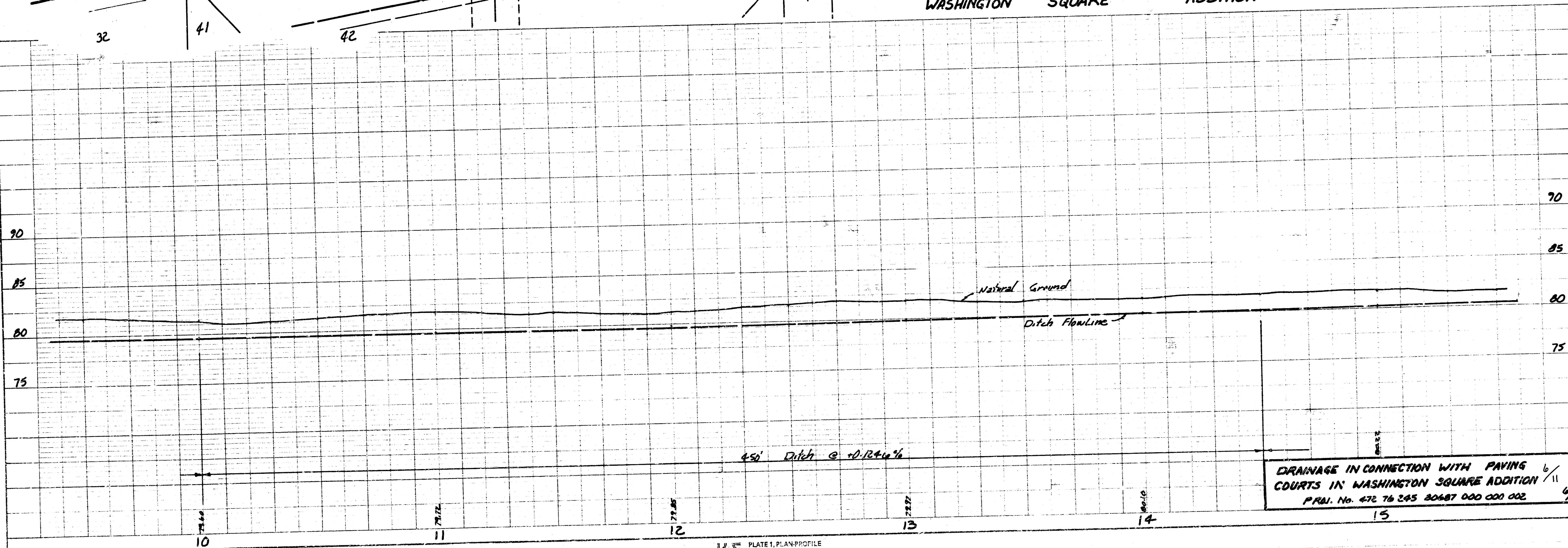
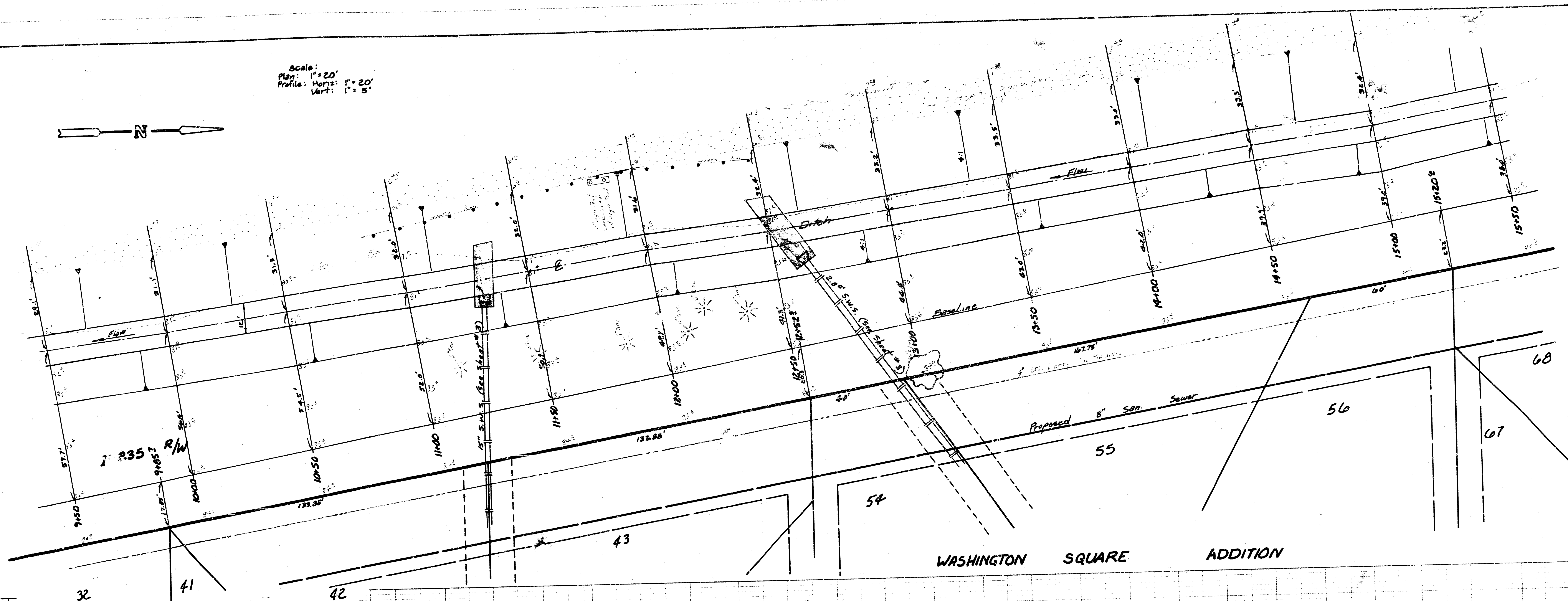
550' Ditch @ +0.1246%

DRAINAGE IN CONNECTION WITH PAVING  
COURTS IN WASHINGTON SQUARE ADDITION  
PROJ. NO. 412 76 245 80687 000 000 002

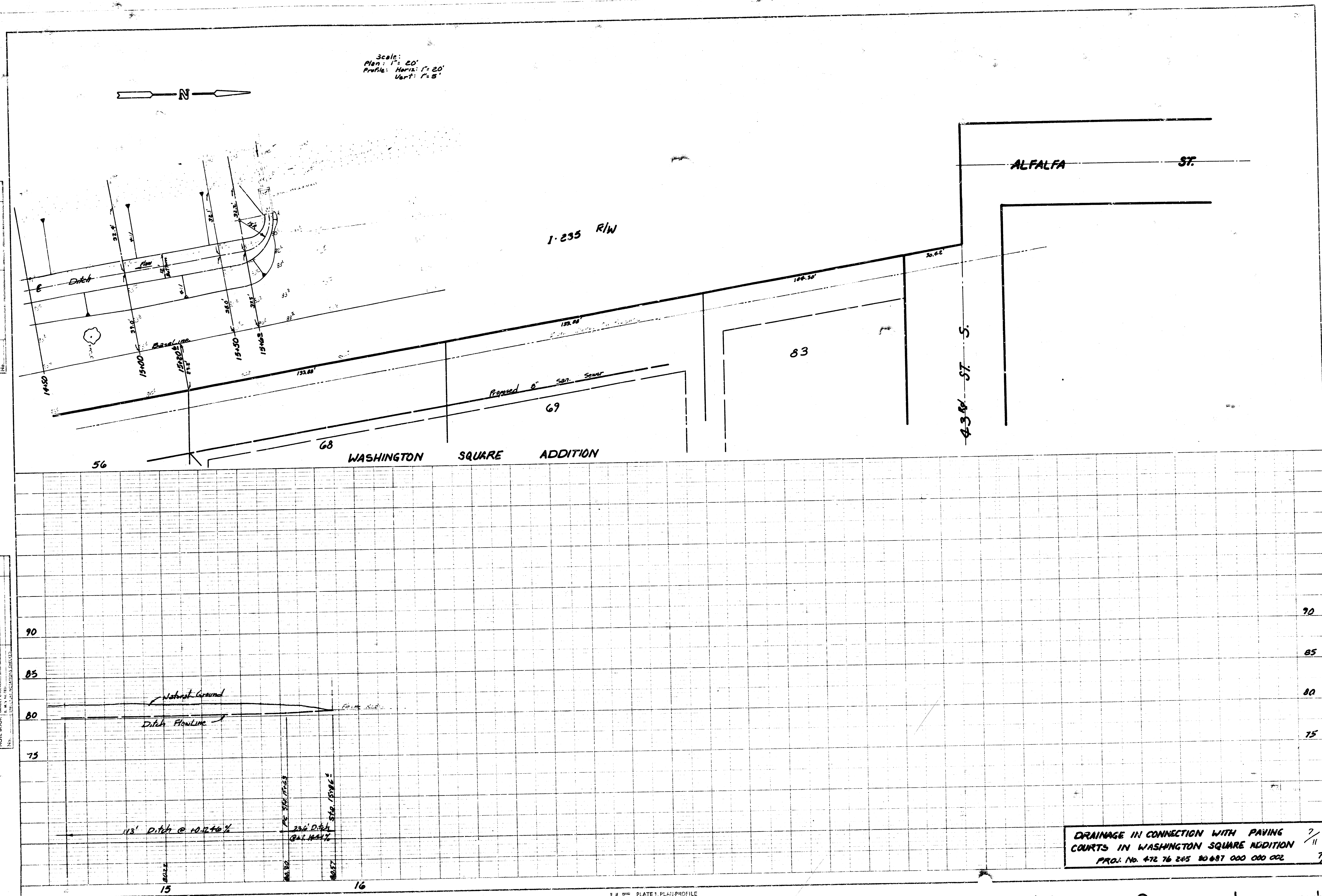
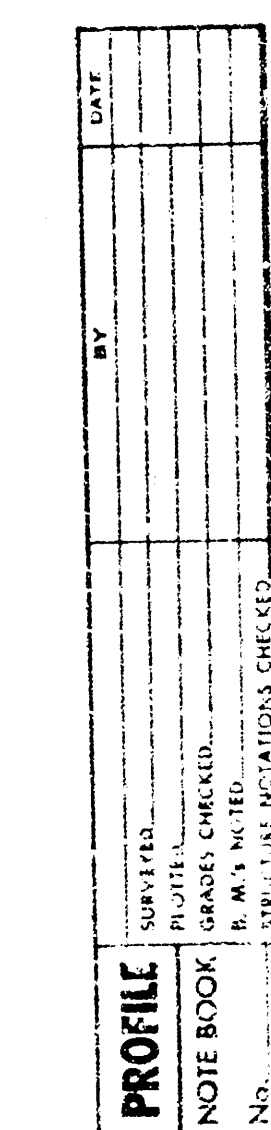
|      |          |    |
|------|----------|----|
| PLAN | DATE     | BY |
|      | REVISION | BY |
|      | NOTED    | BY |
|      | NOTED    | BY |

|         |          |    |
|---------|----------|----|
| PROFILE | DATE     | BY |
|         | REVISION | BY |
|         | NOTED    | BY |
|         | NOTED    | BY |

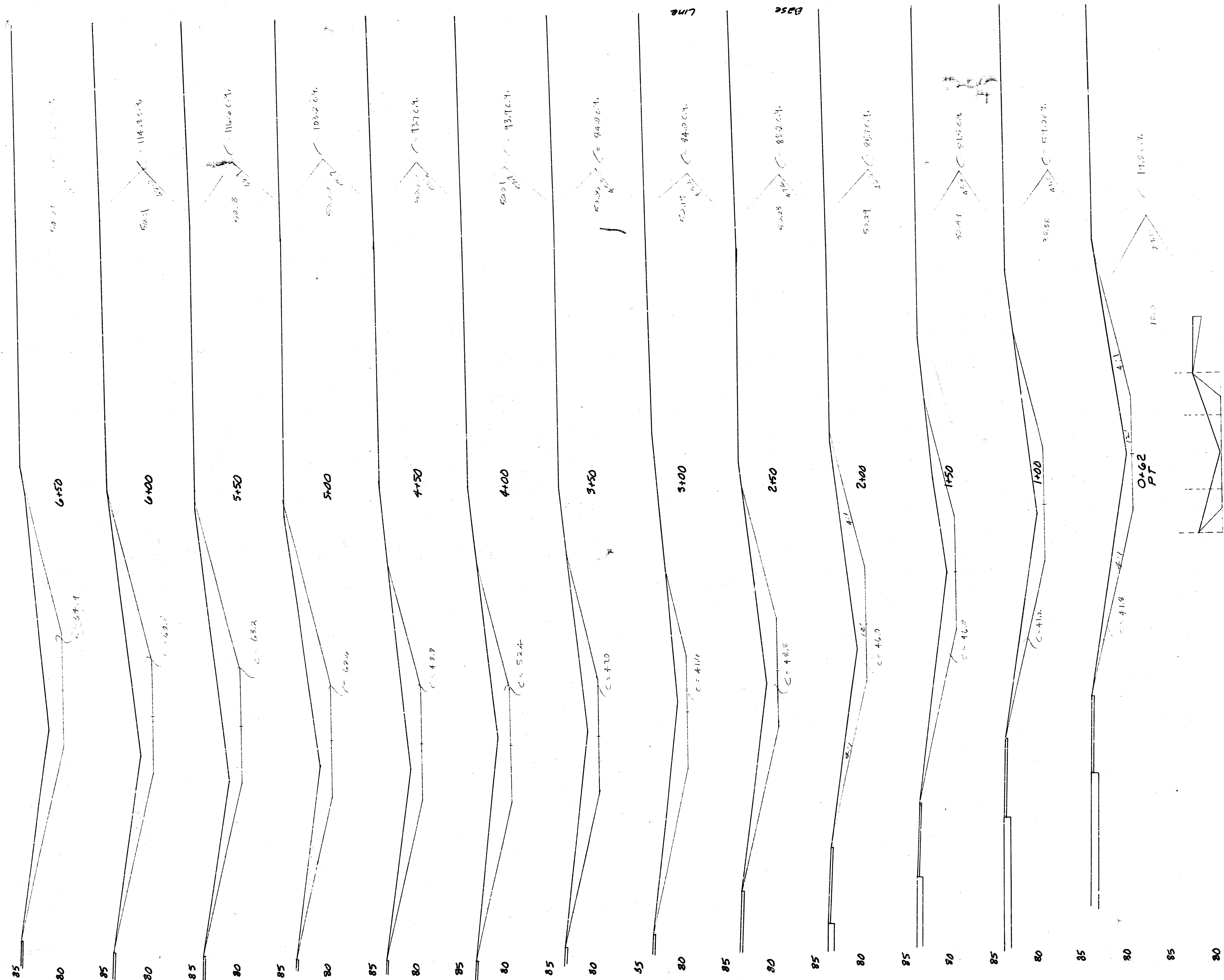
Scale: 1" = 20'  
 Plan: 1" = 20'  
 Profile: 1" = 5'



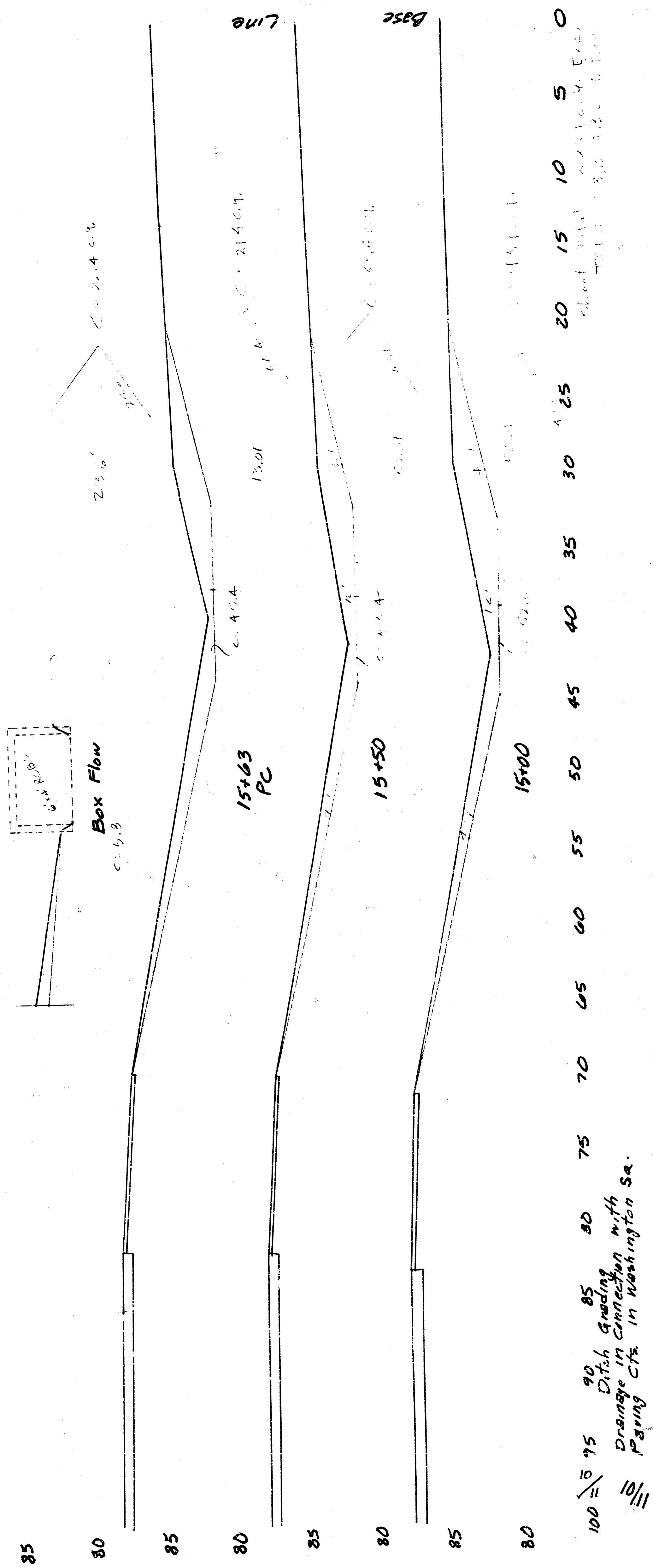
DRAINAGE IN CONNECTION WITH PAVING  
 COURTS IN WASHINGTON SQUARE ADDITION  
 PROJ. No. 472 76 245 80687 000 000 002  
 6/11

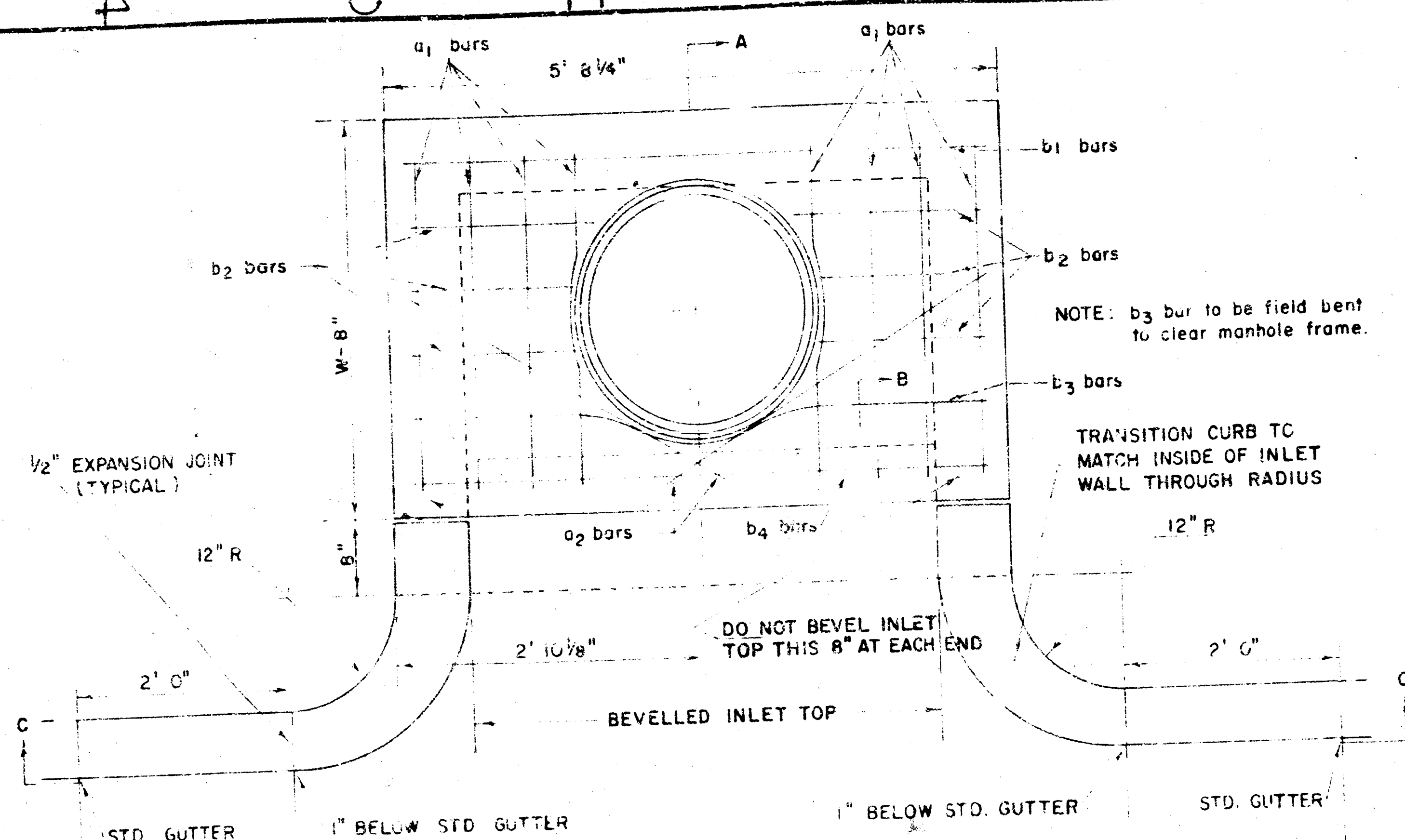


DRAINAGE IN CONNECTION WITH PAVING  
COURTS IN WASHINGTON SQUARE ADDITION  
PROJ. No. 472 76 285 80 687 000 000 002









HIGH EDGE  
ASPHALT PAVING ONLY

PLAN (SCALE 1" = 1' 0")

STEEL SCHEDULE

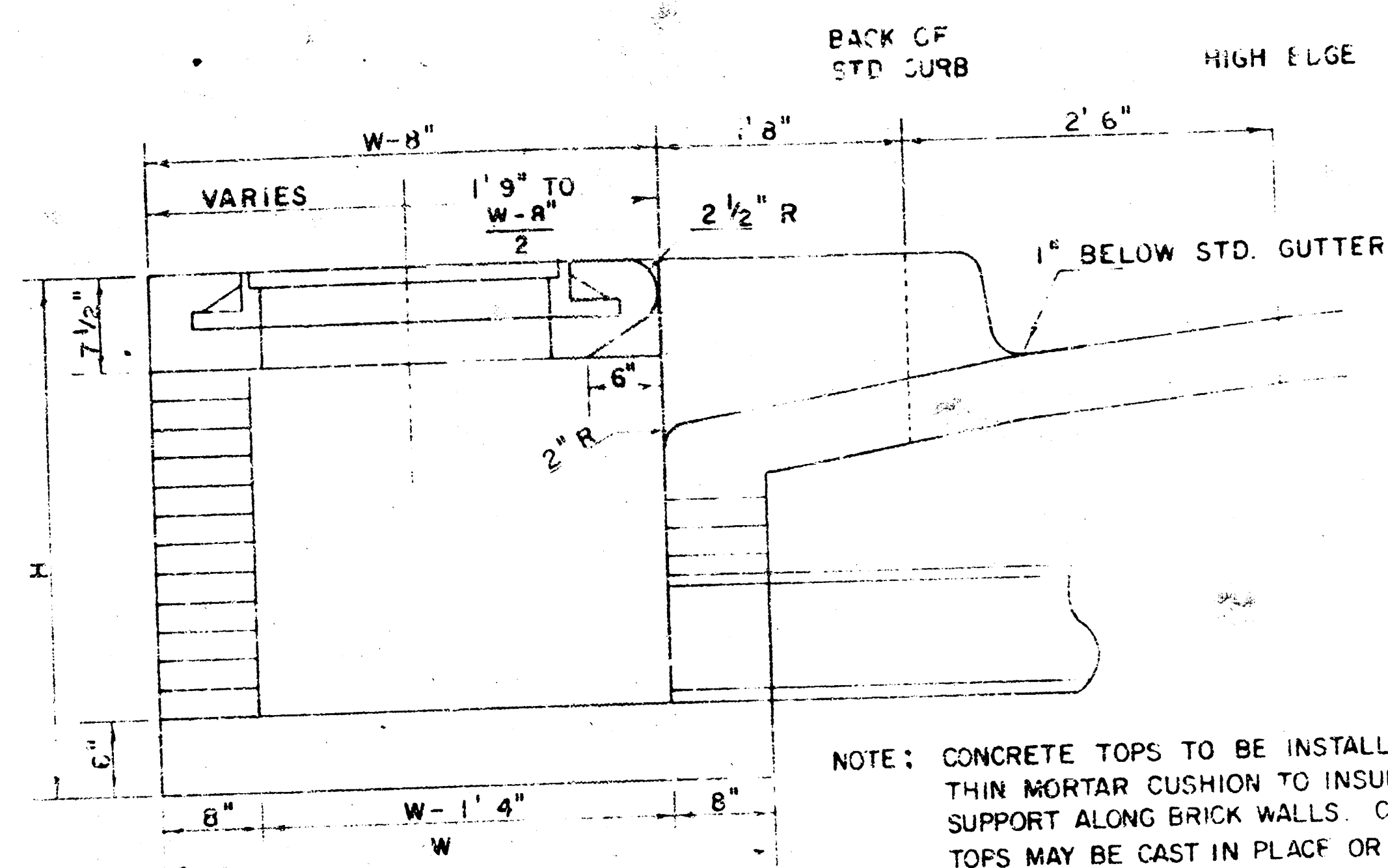
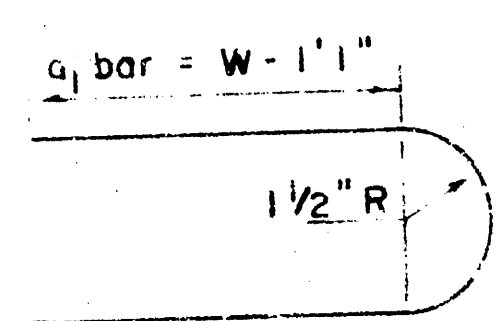
| BAR    | a <sub>1</sub> | a <sub>2</sub> | b <sub>1</sub> | b <sub>2</sub> | b <sub>3</sub> | b <sub>4</sub> | WT. LBS. |
|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------|
| NUMBER | 8              | 2              | 1              | 3              | 5              | 7              | 9        |
| SIZE   | "4"            | "4"            | "4"            | "4"            | "4"            | "4"            | "6"      |
| W=4'2" | 6'5"           | 5'4"           | 5'0"           | -              | -              | -              | 60"      |
| W=5'0" | 8'1"           | 4'4"           | -              | 5'5"           | -              | 1'5"           | 5'6"     |
| W=6'0" | 10'1"          | 5'4"           | -              | 5'5"           | -              | 1'5"           | 5'6"     |
| W=7'0" | 11'1"          | 6'4"           | -              | 5'5"           | -              | 1'5"           | 5'6"     |
| W=8'0" | 12'1"          | 7'4"           | -              | 5'5"           | -              | 1'5"           | 5'6"     |

\* NOTE: a<sub>2</sub> BARS TO BE PLACED APPROX 2" BELOW TOP OF INLET COVER

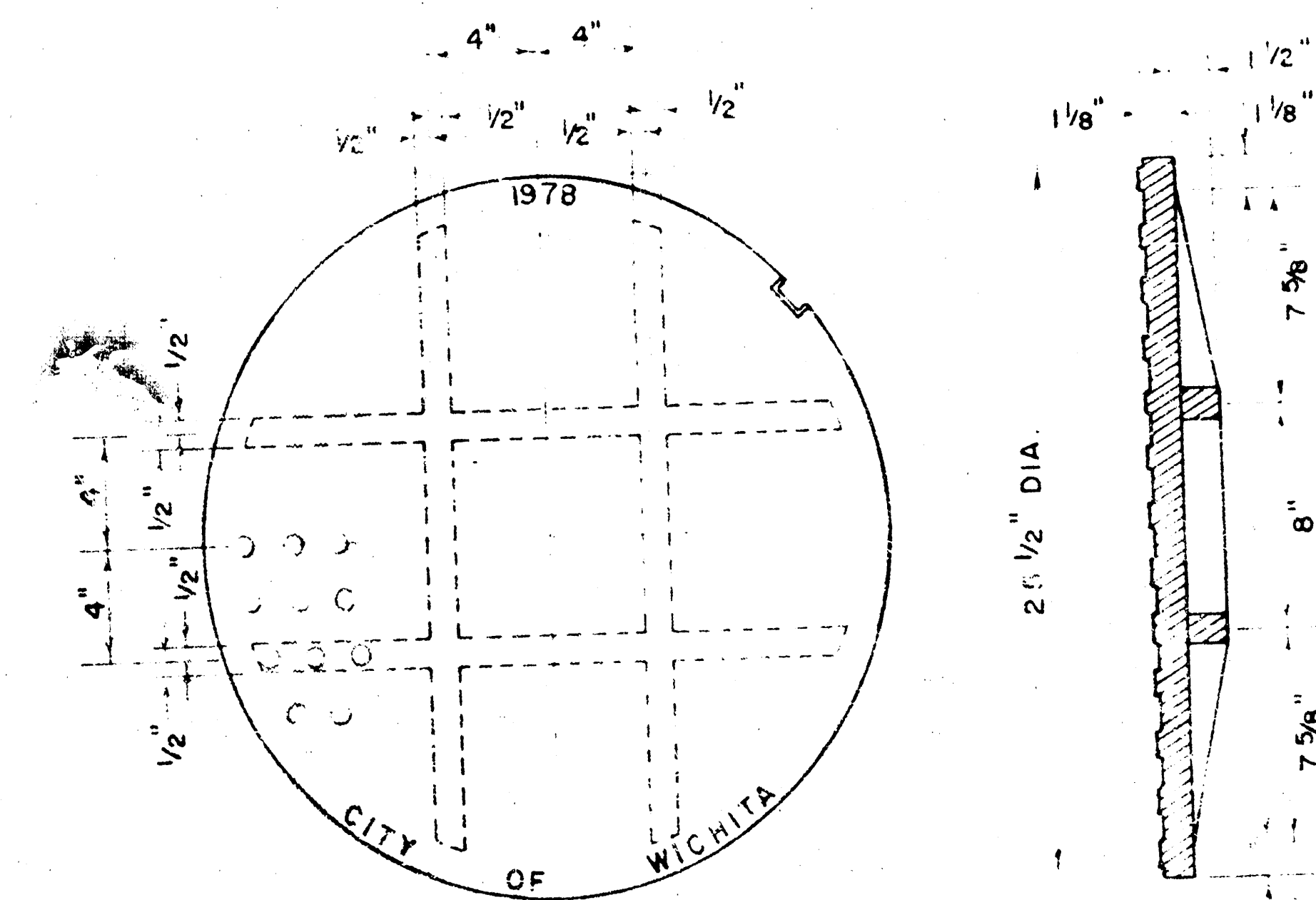
| STANDARD CURB INLET PRECAST TOPS |               |               |  |
|----------------------------------|---------------|---------------|--|
| PRE-CAST TOP SIZE                | PIPE SIZE     | CU. YD. CONC. |  |
| 4' 2" 36" x 5' 8 1/4" x 7 1/2"   | 21" B SMALLER | 0.46 *        |  |
| 5' 0" 44" x 5' 8 1/4" x 7 1/2"   | 25" B 30"     | 0.57 *        |  |
| 6' 0" 54" x 5' 8 1/4" x 7 1/2"   | 36" B 42"     | 0.71 *        |  |
| 7' 0" 64" x 5' 8 1/4" x 7 1/2"   | 48" B 54"     | 0.84 *        |  |
| 8' 0" 74" x 5' 8 1/4" x 7 1/2"   | 60" B 66"     | 0.97 *        |  |

\* GROSS VOLUME

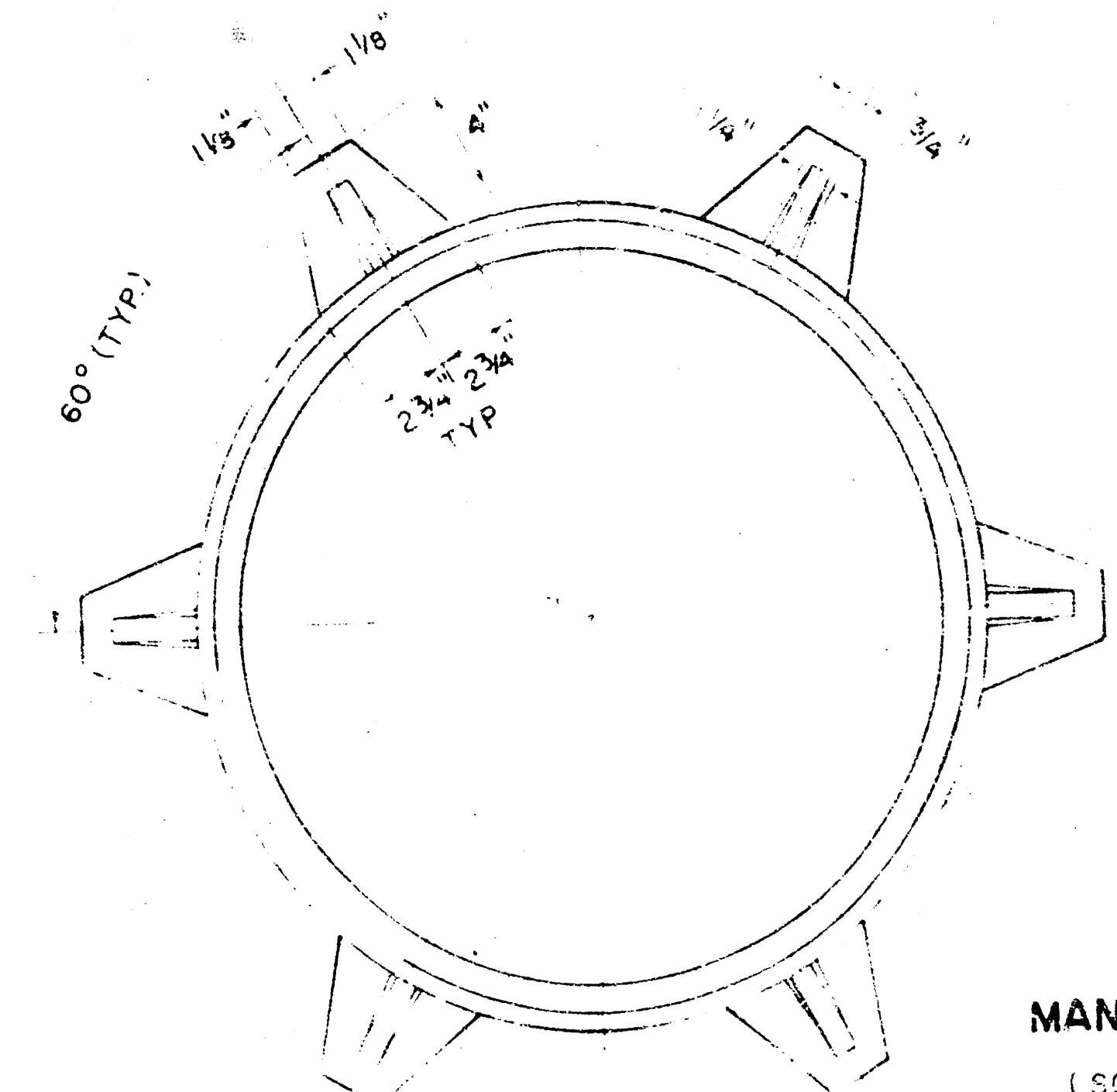
BENDING DIAGRAM



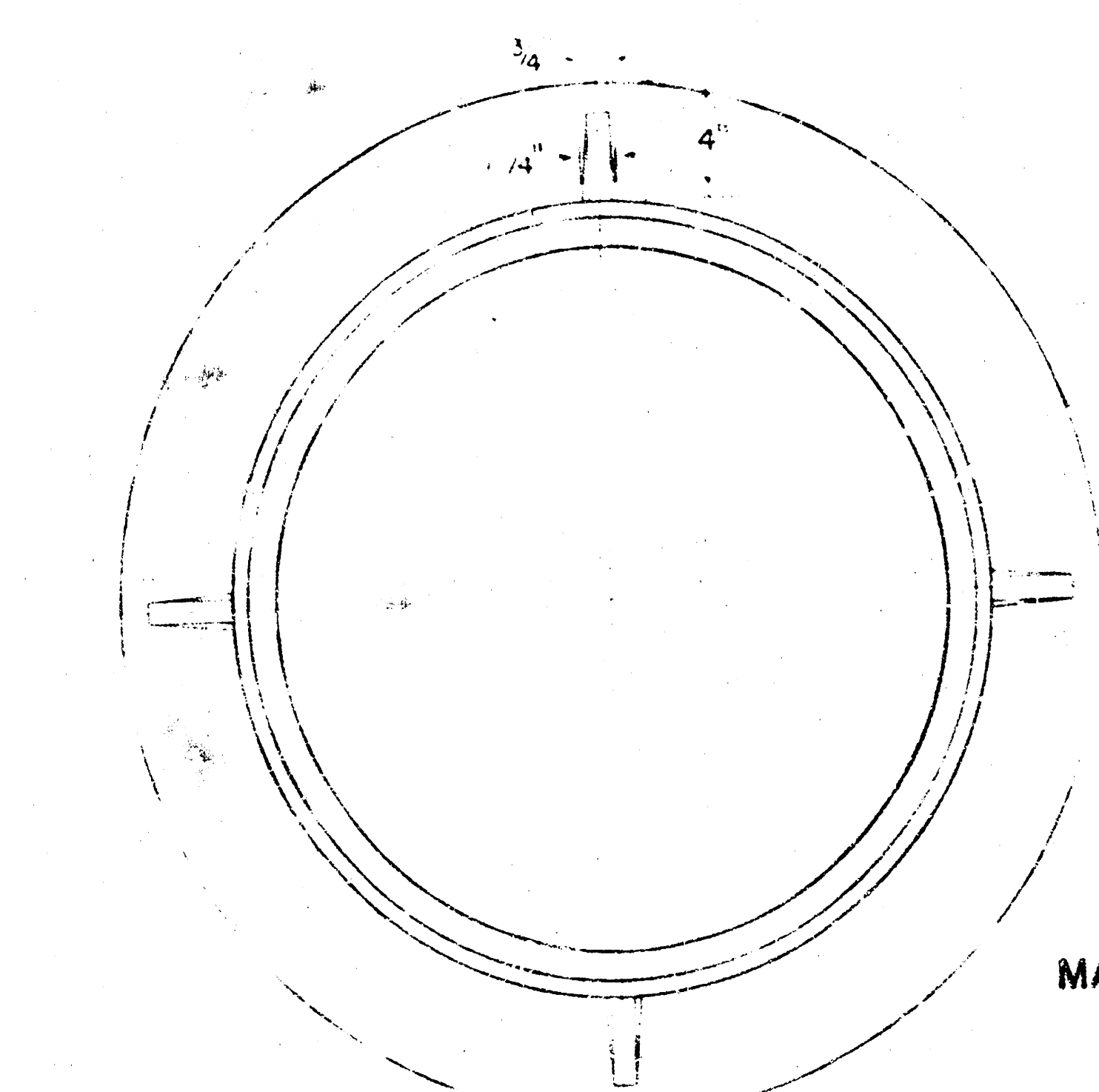
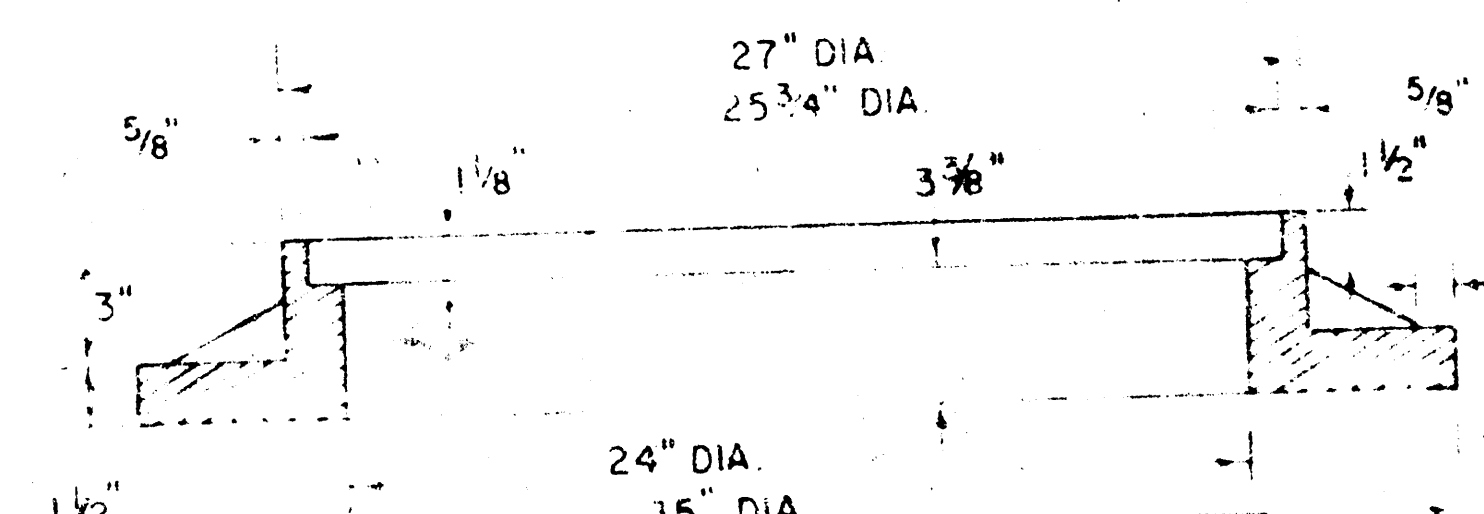
SECTION A-A  
(SCALE 1" = 1' 0")



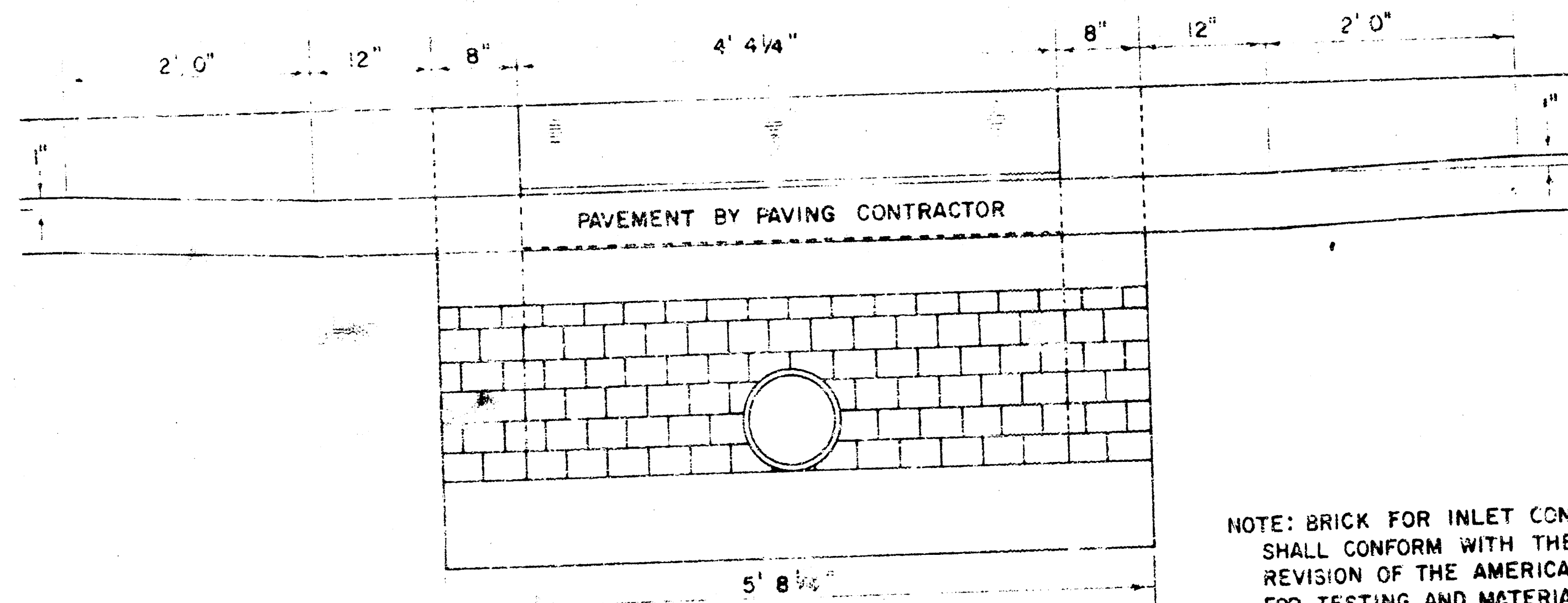
MANHOLE COVER  
(SCALE 1" = 6")  
WEIGHT = 170 LBS.



MANHOLE FRAME  
(SCALE 1" = 6")  
WEIGHT = 180 LBS.

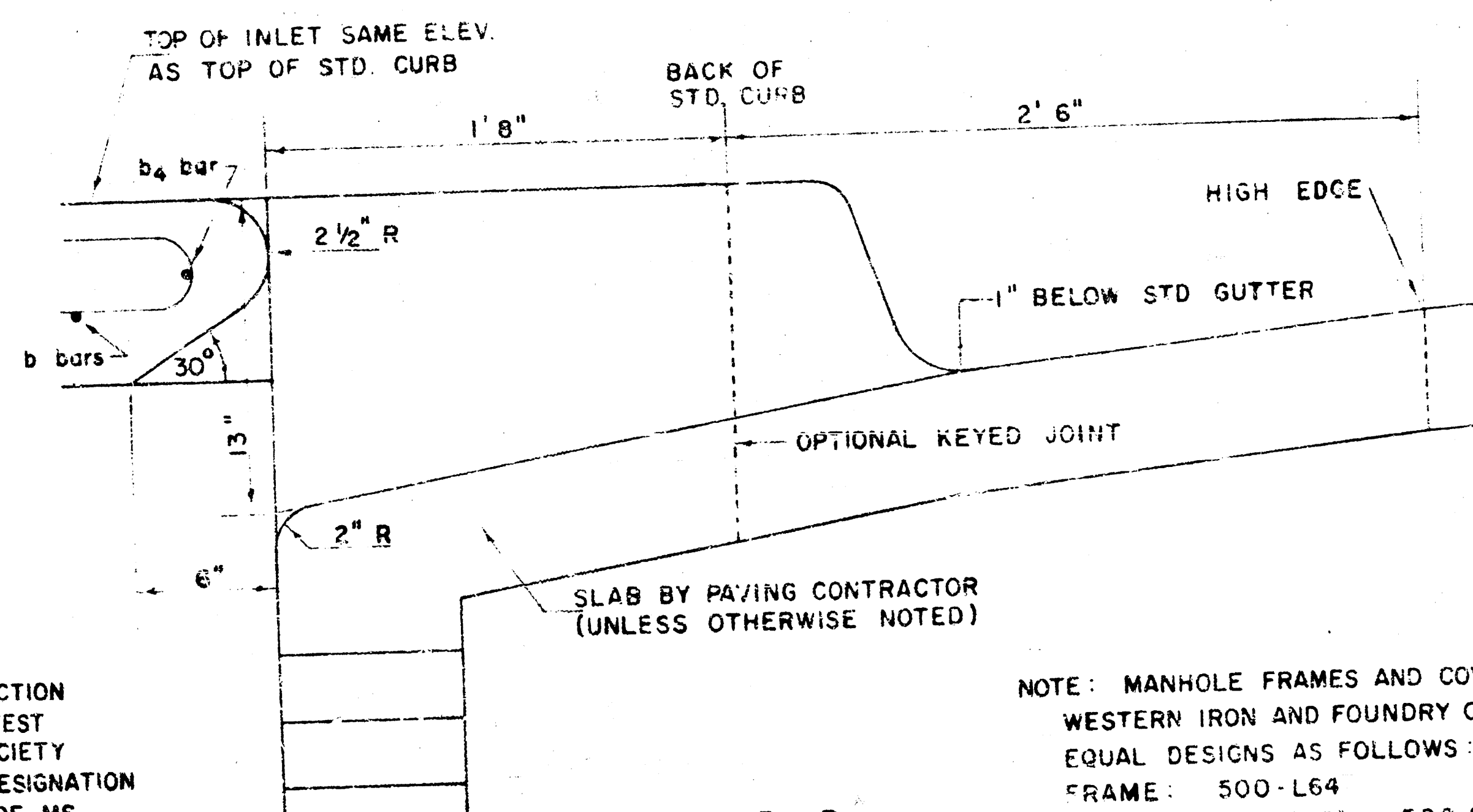


MANHOLE FRAME  
(ALTERNATE)  
(SCALE 1" = 6")  
WEIGHT = 180 LBS.



SECTION C-C  
(SCALE 1" = 1' 0")

NOTE: BRICK FOR INLET CONSTRUCTION SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION C-32 FOR MANHOLE BRICK GRADE MS.



SECTION B-B  
(SCALE 1" = 6")

NOTE: MANHOLE FRAMES AND COVER ARE WESTERN IRON AND FOUNDRY CO. INC. OR EQUAL DESIGNS AS FOLLOWS:  
FRAME: 500-L64  
FRAME (ALTERNATE): 500-A4  
COVER: 222-S4 "NOBBY"

DETAIL STANDARD TYPE 1A CURB INLET  
CITY OF WICHITA, KANSAS  
R. W. LINN - CITY ENGINEER  
OCTOBER 1978