

STORM SEWERS IN PEPPERWOOD ADDITION

PROJECT NO.

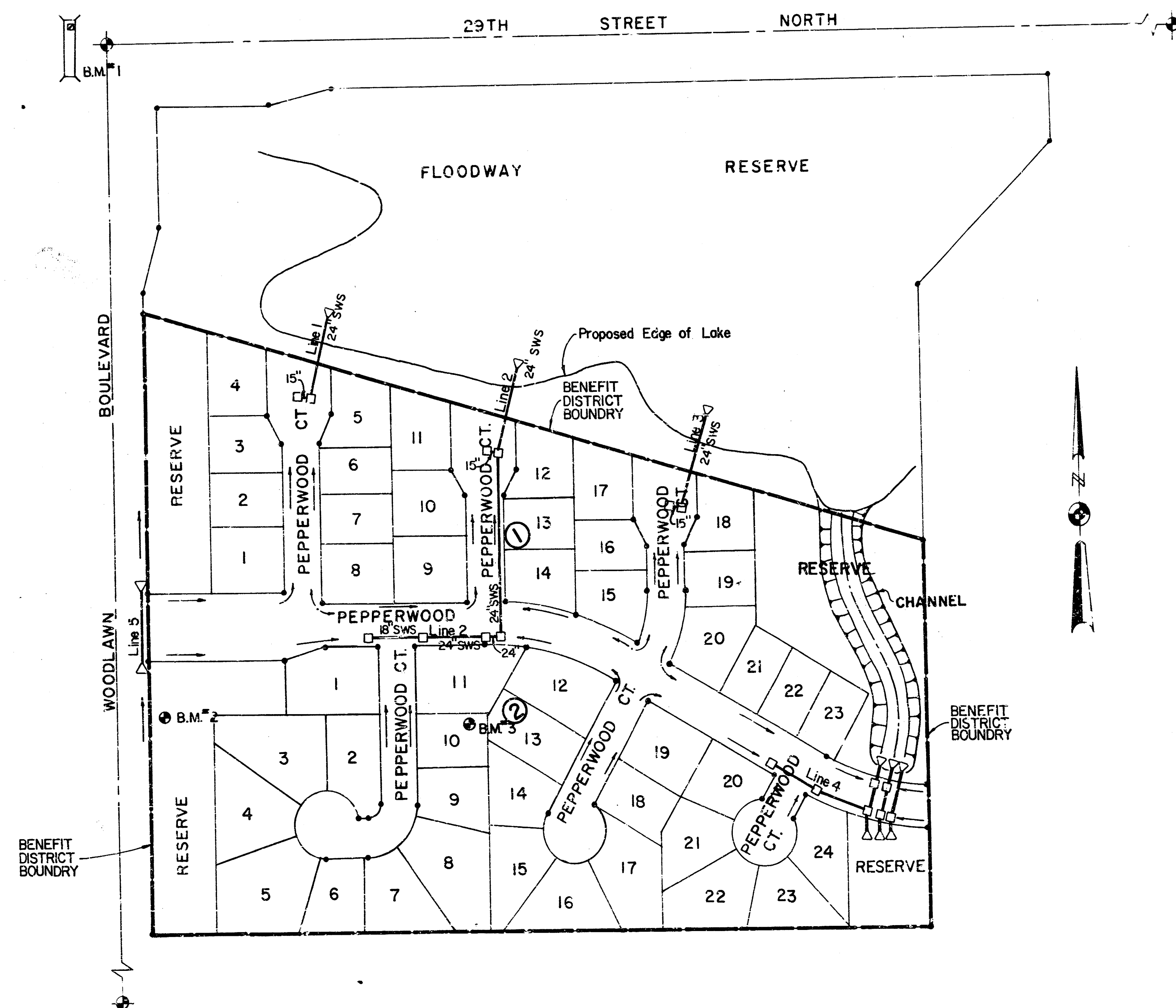
468-76-245-80836-000-000-001

S. W. S. NO. 170

CITY OF WICHITA, KANSAS
R. W. BRUGGEMAN, CITY ENGINEER

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WORK WITH PAVING AND SANITARY CONTRACTORS AND CONTACT RELEVANT UTILITY COMPANIES AND OTHER AGENCIES INVOLVED WITH THIS PROJECT SITE DEVELOPMENT.
2. FIELD ENGINEER SHALL TAKE TIES TO ALL IRONS AND THIMBLES IN THE PROJECT AREA BEFORE CONSTRUCTION BEGINS. FIELD ENGINEER SHALL REPLACE ALL SUCH IRONS AND THIMBLES DISTURBED DURING CONSTRUCTION.
3. THE TOPS OF INLETS AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATION OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
4. ALL METAL PIPES SHALL BE HELICALLY CORRUGATED PIPE FULLY COATED BOTH INSIDE AND OUTSIDE. THE COATING MAY BE BITUMINOUS OR POLYMERIC AS SPECIFIED IN AASHTO DESIGNATION: M246 - 78, TYPE B. ALL SUCH COATED CORRUGATED PIPE SHALL BE SMOOTH FLOW PIPES FOR SIZES 24" DIAMETER AND LARGER. ALL CONNECTIONS FOR THESE FULLY COATED OR FULLY PAVED AND FULLY COATED PIPES SHALL BE OF FAIRLY WATERTIGHT CONSTRUCTION USING HUGGER TYPE COUPLER OR EQUAL.
5. ALL CONCRETE SHALL BE "6 - SACK CONCRETE" UNLESS OTHERWISE NOTED.
6. THE RIPRAP FOR THIS PROJECT SHALL BE TYPE 3. THE TYPE 3 RIPRAP SHALL BE 12" RIPRAP. THE ROCK FOR RIPRAP AND GRAVEL PROTECTION SHALL BE HARD, DENSE, DURABLE AND SHALL BE REASONABLY WELL GRADED. THE SIZE RANGE OF ROCK USED SHALL BE A MAXIMUM OF ONE CUBIC FOOT AND A MINIMUM OF 1 1/2".
7. CONTRACTOR SHALL AVOID UNCOVERING EXISTING WATER LINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER DEPARTMENT ENGINEER.
8. CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING PRECAST CONCRETE TYPE 1A CURB INLETS IN LIEU OF THE BRICK TYPE STRUCTURE. SEE STANDARD DETAIL PRECAST TYPE 1A CURB INLET DATED AUGUST, 1979. ALL INLETS SHALL BE OF THE SAME TYPE UNLESS OTHERWISE SPECIFIED ON PLANS.
9. CONTRACTOR SHALL MEET WITH ENGINEER AND OWNER PRIOR TO CONSTRUCTION TO ESTABLISH LIMITS OF CONSTRUCTION.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR SEEDING AND MULCHING ALL AREAS DISTURBED IN THE CONTRACT OUTSIDE OF THE STREET RIGHT-OF-WAY.



INDEX TO DRAWINGS

SHT. NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 5 & LINE 1
3	LINE 2
4	LINE 2 & LINE 4
5	CHANNEL
6	LINE 3
7	INLET DETAIL

BENCHMARKS	
B.M. 1:	"C" in E. end N. headwall first Culvert W. of Woodlawn on 29th St. N. Elev. = 175.85
B.M. 2:	Stp. Spk. N.E. fc. Temporary p.p. Elev. = 186.53
B.M. 3:	Stp. Spk. N.E. fc. Temporary p.p. Elev. = 193.12

REVISED 25 AUG. 1981 - SHEETS 4 & 5

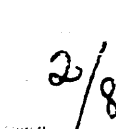
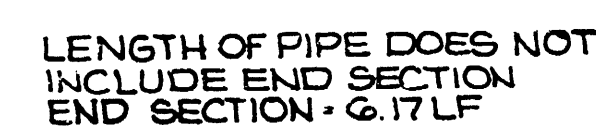
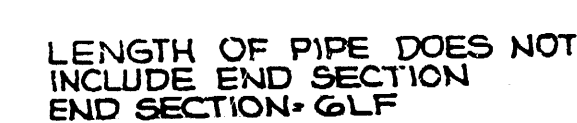


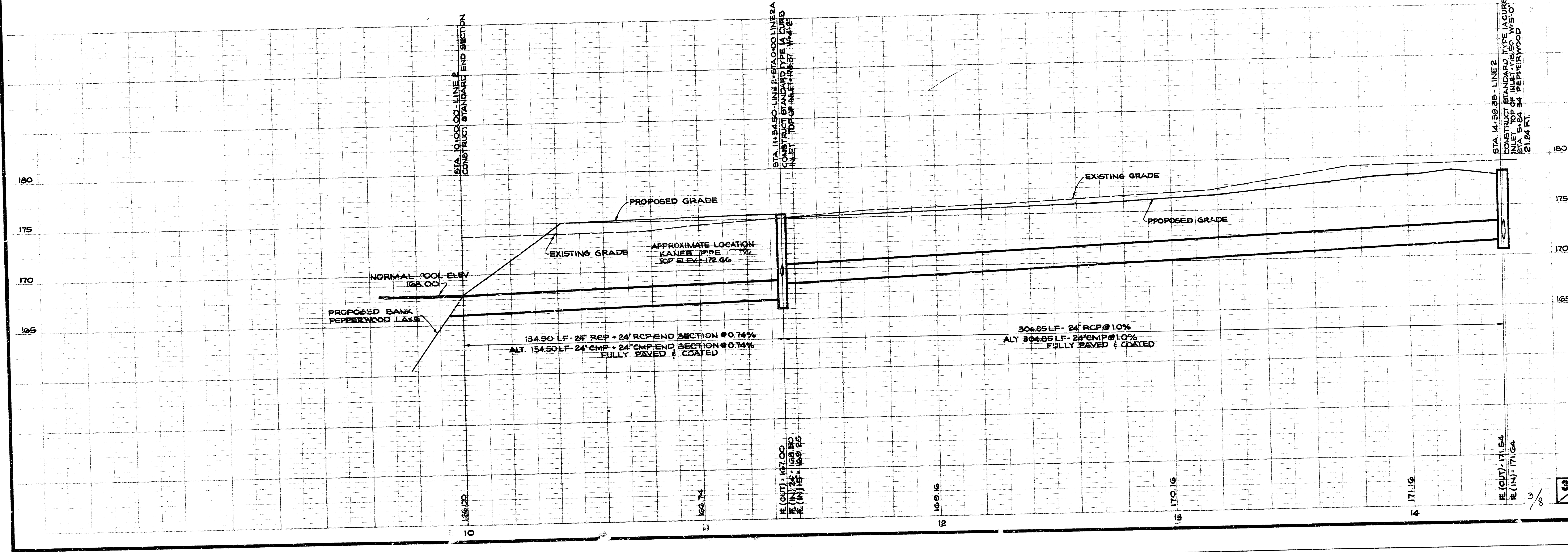
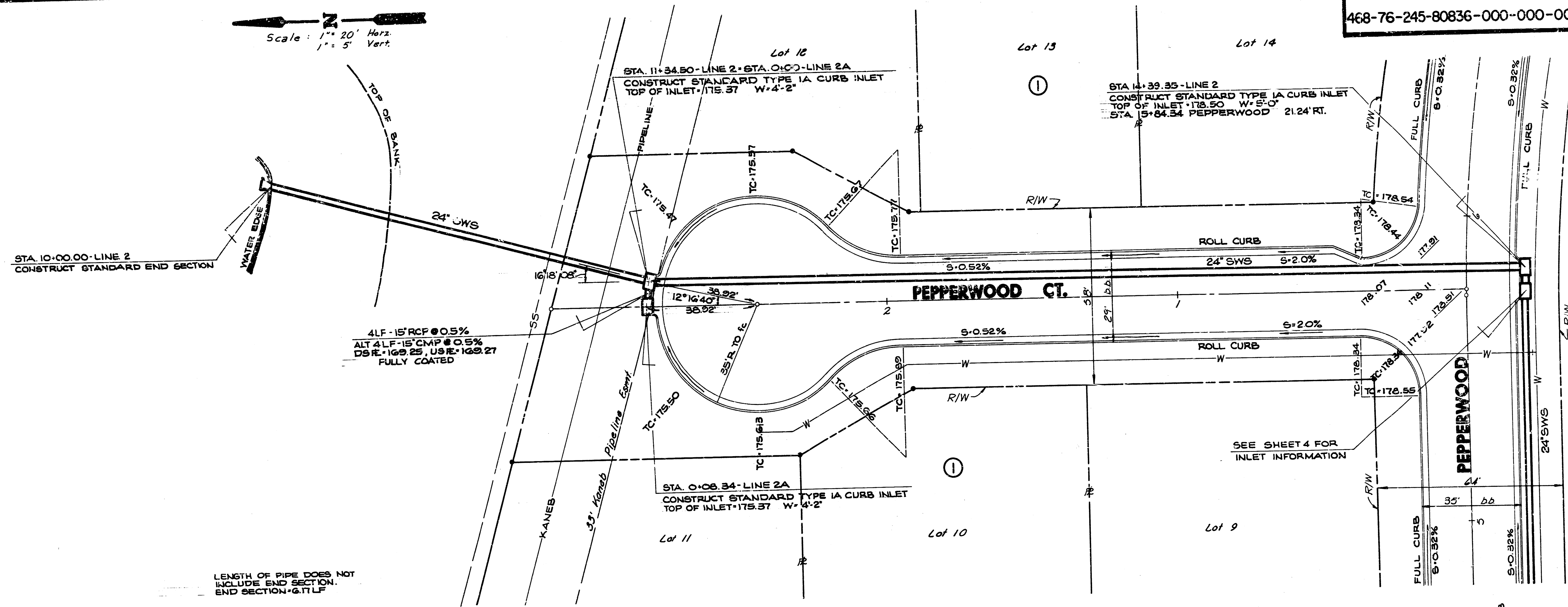
Van Doren - Hazard - Stallings
Architects • Engineers • Planners
Topeka Wichita Minneapolis

Sheet 1
of 7

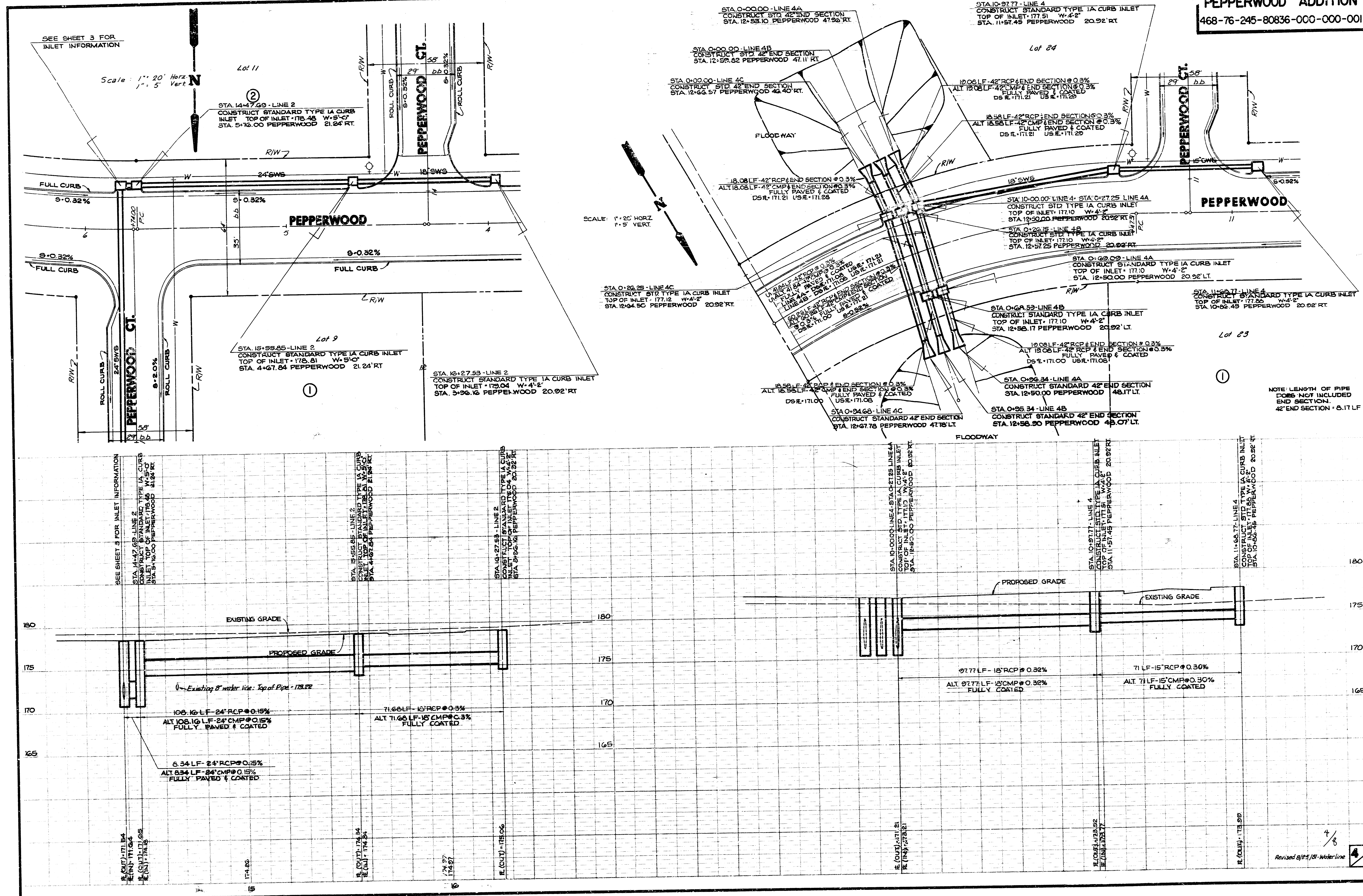
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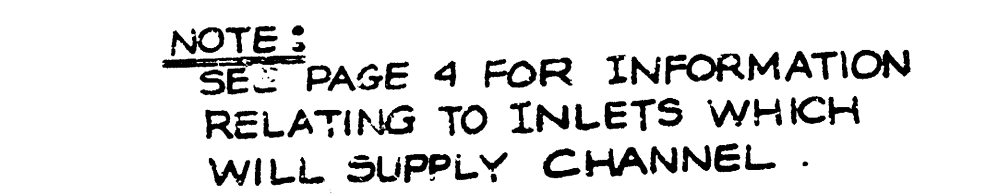




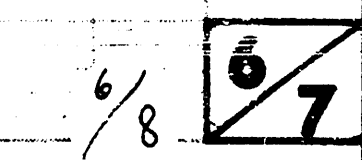
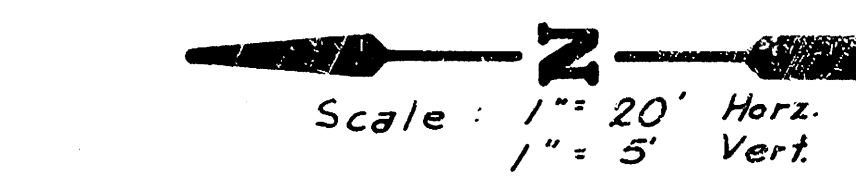
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SECTION B - B
(SCALE 1" = 6")
COVER: 225 24 "NOBBY"
FRAME (ALTERNATE): 200 A4

COVER - 525 24 "MOBBY"
FRAME (ALTERNATE) : 500 A4
FRAME - 500 - L64
EQUAL DESIGN AS FOLLOWS :
WESTERN IRON AND FOUNDRY CO INC OR
NOTE : MANHOLE FRAMES AND COVER ARE

MANHOLE COVER
(SCALE 1" = 6")
WEIGHT = 150 LB.

* GROSS VOLUME

C-35 FOR MANHOLE BRICK GRADE MS.
FOR TESTING AND MATERIALS DESIGNATION
REVISION OF THE AMERICAN SOCIETY
SHALL CONFORM WITH THE LATEST
NOTE: BRICK FOR INLET CONSTRUCTION

* NOTE : 2 BARS TO BE PLACED APPROX "S" BELOW TOP OF INLET COVER

[illegible]

BENDING DIAGRAM

W	PRECAST TOP SIZE	PIPE SIZE	STANDARD CURB INLET PRECAST TOPS
4' 5"	36" x 24" W x 15"	31" Ø SMALLER	0.46 *
4' 6"	42" x 24" W x 15"	34" Ø 30"	0.57 *
5' 0"	48" x 24" W x 15"	36" Ø 42"	0.71 *
5' 6"	54" x 24" W x 15"	40" Ø 54"	0.84 *
6' 0"	60" x 24" W x 15"	60" Ø 66"	0.97 *

NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST

Dimensions and labels include:

- $W = 8"$
- $L = 1' - 4"$
- $H = 1' - 0"$
- $S = 6"$
- $S = 6"$
- $\frac{W}{S} \times \frac{H}{S}$
- $\frac{L}{S}$ TO
- VARIABLES
- $1' - 9"$
- $1' - 6"$
- BACK OF STD CURB
- HIGH FLOOR
- 1" BELOW STD GUTTER

[illegible]

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CROSS SECTIONS

