

DRAINAGE IN CONNECTION WITH PAVING THE STREETS IN THE
FOURTH ADDITION TO CHERRY CREEK HILLS
 PROJECT NUMBER: 472-76-245-80682-000-000-002

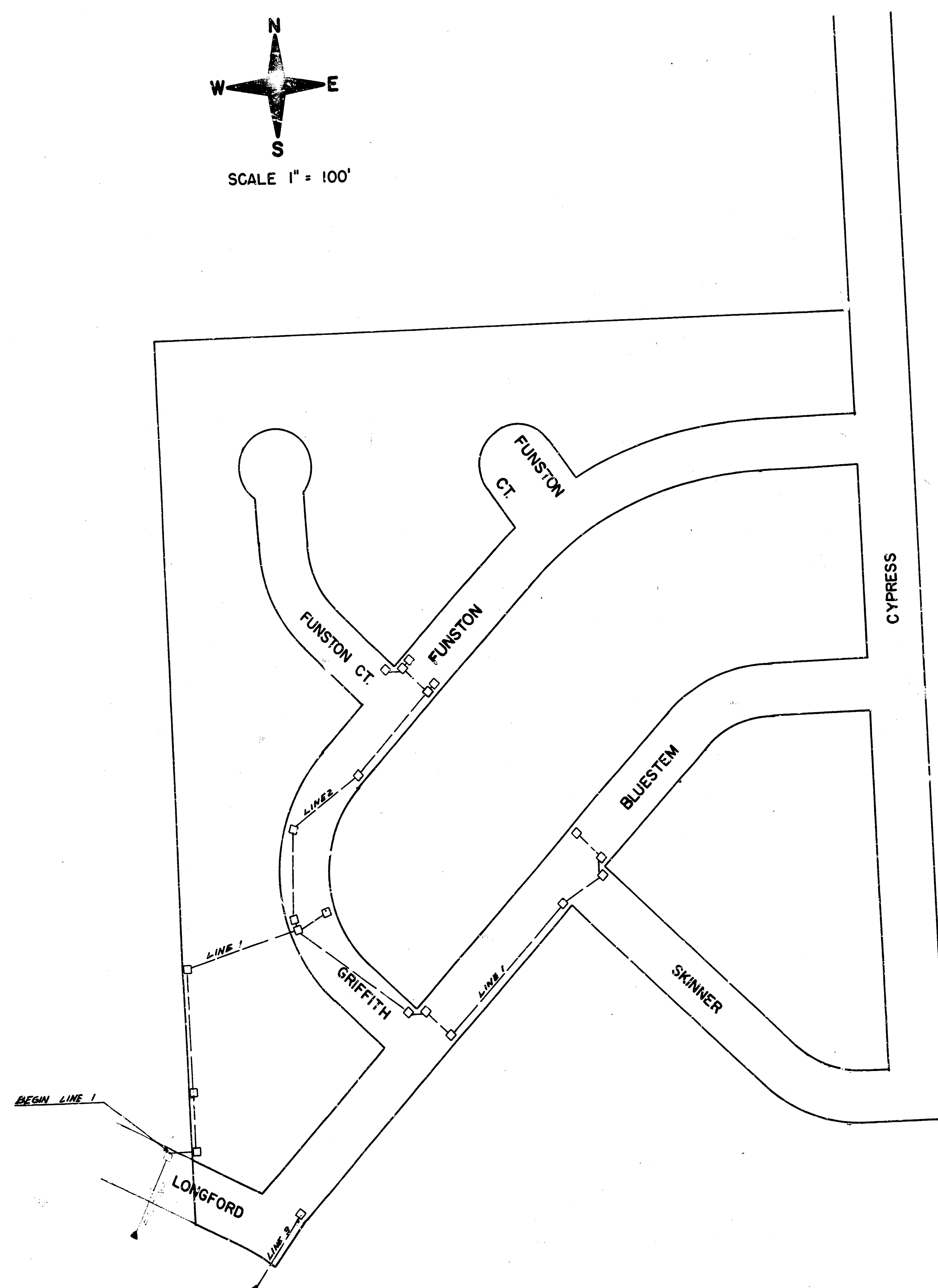
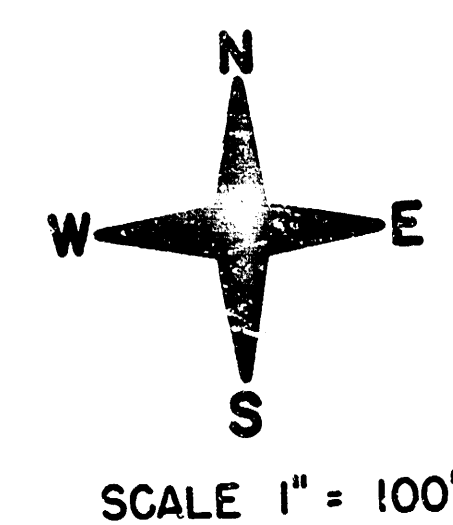


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CITY OF WICHITA, KANSAS
 R. W. LINN CITY ENGINEER
 PROJ. NO. 472-76-245-80682-000-000-002
 DATE: 1/9

B.M. EL. 160.16 @ TOP ON S-C.B. LONGFORD ON W-SIDE SWS CB. 44' WEST OF W.L. 17TH ADDN. TO CHERRY CREEK HILLS. (APPROX. 100' W. OF BLUESTEM)

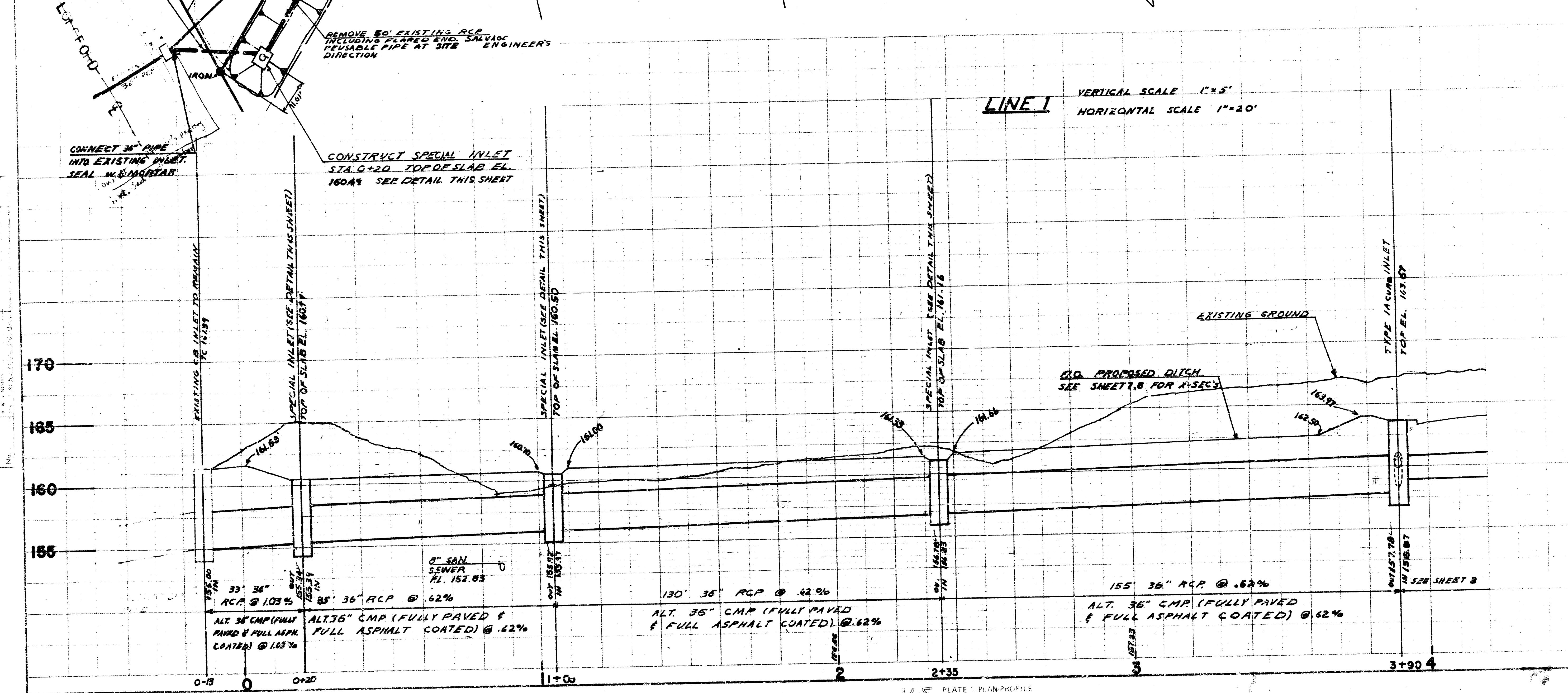
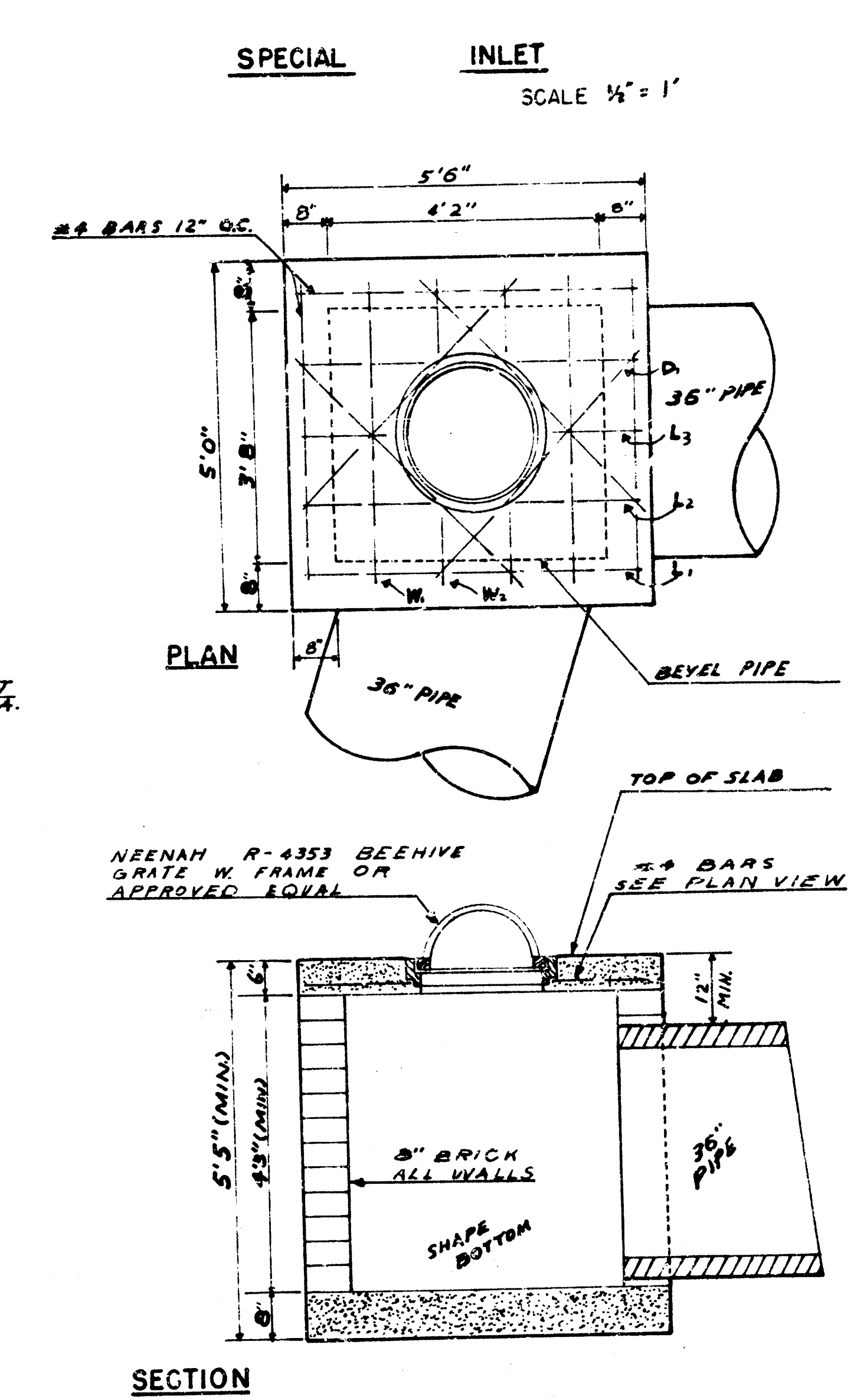
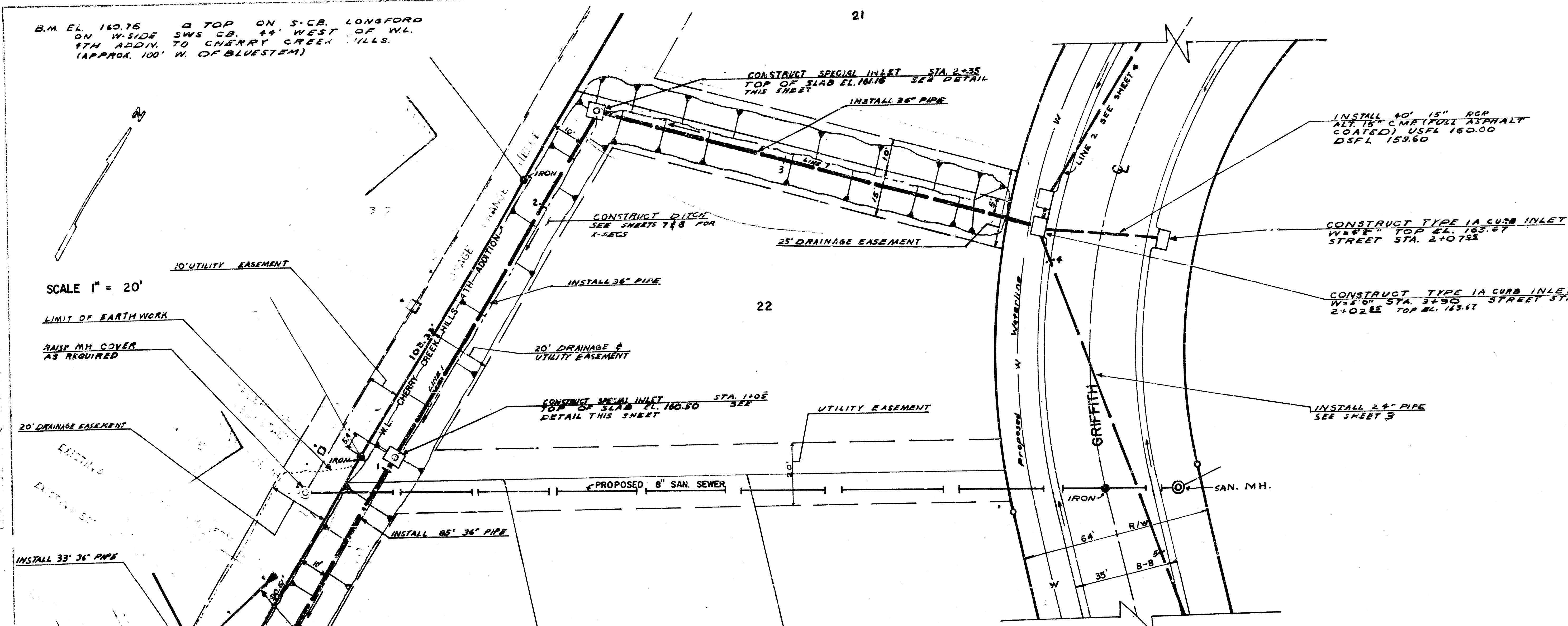


TABLE OF QUANTITIES

BAR	QUAN.	NO.	LENGTH	WEIGHT
W ₁	4	#4	4'4"	11.6 lbs.
W ₂	4	#4	1'2"	3.1 lbs.
L ₁	2	#4	5'2"	6.9 lbs.
L ₂	4	#4	2'0"	5.4 lbs.
L ₃	2	#4	1'6"	2.0 lbs.
D ₁	4	#4	4'6"	12.0 lbs.
TOTAL REBAR				41.0 lbs.
C.Y. CONCRETE				12.61
SQ. FT. 8" BRICK WALL				77.9 SQ. FT.

**DRAINAGE IN CONNECTION WITH PAVING
STREETS IN 4TH ADDITION TO
CHERRY CREEK HILLS**

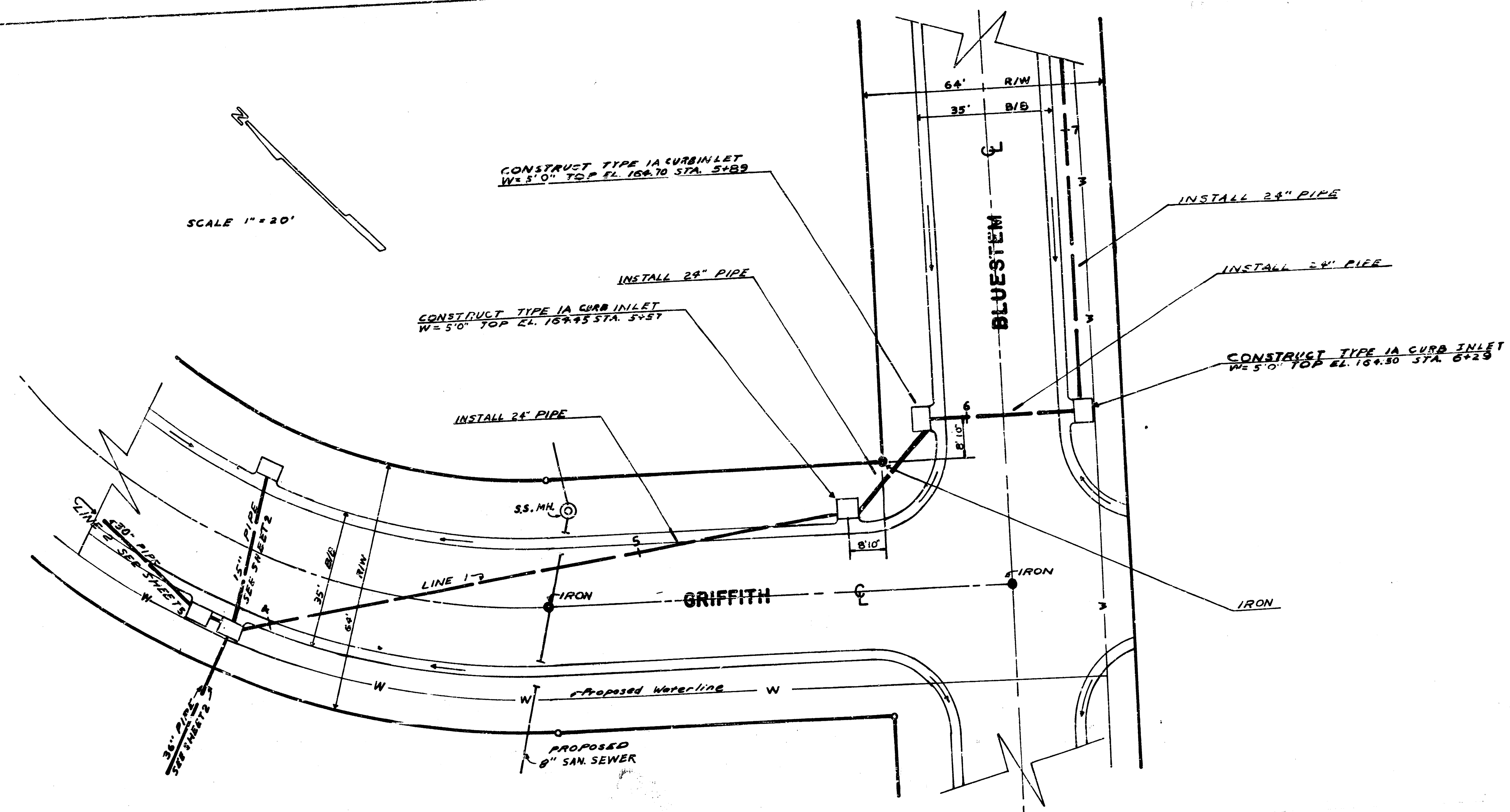
BLUESTEM - FROM THE N.L. LONGFORD TO THE W.L. CYPRESS
SKINNER - FROM THE E.L. BLUESTEM TO THE W.L. CYPRESS
GRIFFITH & FUNSTON - FROM THE W.L. BLUESTEM TO THE W.L. CYPRESS
FUNSTON COURT FOR LOTS 9 THROUGH 18 INCLUSIVE, BLOCK 1, 4TH ADDITION TO CHERRY CREEK HILLS - FROM THE WEST LINE FUNSTON TO AND INCLUDING CUL-DE-SAC
FUNSTON COURT FOR LOTS 3 THROUGH 8 INCLUSIVE, BLOCK 1, 4TH ADDITION TO CHERRY CREEK HILLS - FROM THE WEST LINE FUNSTON TO AND INCLUDING CUL-DE-SAC
CUL-DE-SAC
CYPRESS - FROM THE S.L. SKINNER TO THE S.L. HARRY STREET
LONGFORD - FROM THE W.L. LOT 25, BLOCK 1, 4TH ADDITION TO CHERRY CREEK HILLS TO THE E.L. BLUESTEM

CITY OF WICHITA, KANSAS
R. W. LINN
CITY ENGINEER
PROJ. NO. 472-76-245-30682-000-000-002
DATE

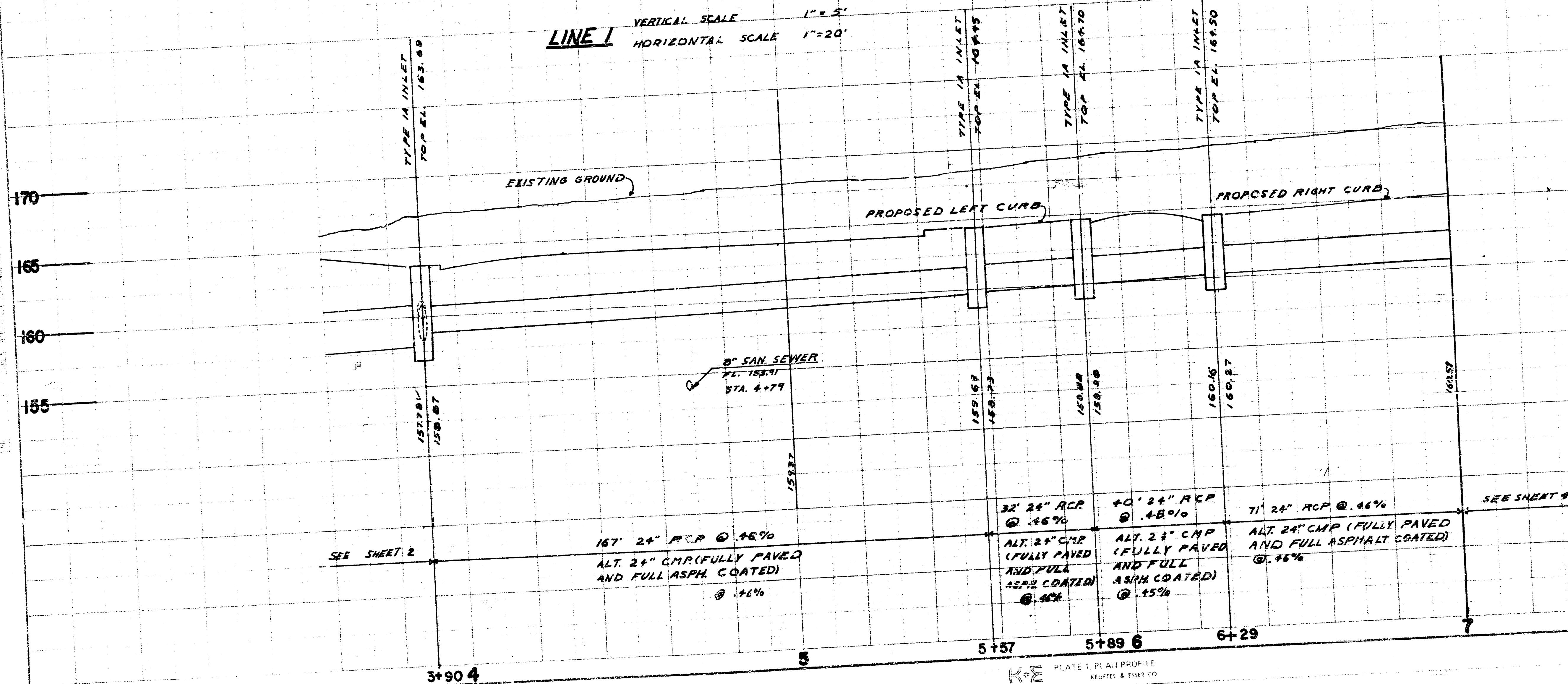
BM. EL. 169.98 RR. SPIKE IN FC. PP AT NE CORNER FUNSTON & CYPRESS

GENERAL NOTES

1. FIELD ENGINEER SHALL TAKE TIES TO ALL IRONS AND THIMBLES WHICH MAY BE DESTROYED. FIELD ENGINEER SHALL REPLACE ALL IRONS AND THIMBLES WHICH ARE DESTROYED.
2. ALL CONCRETE UNLESS OTHERWISE NOTED SHALL BE "6-SACK CONCRETE".
3. ALL METAL PIPES SHALL BE FULL ASPHALT COATED HELICALLY CORRUGATED METAL PIPES FOR SIZES 21" IN DIAMETER (OR EQUIVALENT ARCH PIPE) OR SMALLER, AND FULL ASPHALT COATED FULLY PAVED CORRUGATED METAL PIPE FOR SIZES 24 INCHES IN DIAMETER (OR EQUIVALENT ARCH PIPE) OR LARGER.
4. THE RIP-RAP ON THIS PROJECT SHALL BE TYPE 3. TYPE 3 RIP-RAP IS 12" RIP-RAP ON A 6" SAND AND GRAVEL BEDDING. THE ROCK FOR RIP-RAP AND BEDDING SHALL BE HARD, DENSE, DURABLE AND REASONABLY WELL GRADED. THE SIZE RANGE OF ROCK USED SHALL HAVE A MAXIMUM SIZE OF ONE CUBIC FOOT AND A MINIMUM SIZE OF 1 1/2 INCH. THE 6 INCH SAND AND GRAVEL BEDDING FOR RIP-RAP SHALL BE A CONTINUOUS LAYER OF SAND AND GRAVEL OR SAND AND CRUSHED ROCK, REASONABLY WELL GRADED TO A MAXIMUM OF 1 1/2 INCHES IN SIZE.
5. ALL CURB INLETS TO BE TYPE I-A.
6. CONTRACTOR TO COORDINATE WORK WITH PAVING AND SANITARY CONTRACTORS.
7. CONTRACTOR TO COORDINATE THEIR WORK EFFORTS WITH UTILITY COMPANIES, AND OTHER AGENCIES RELATED WITH THE PROJECT SITE DEVELOPMENT.
8. SEE PAVING PLAN FOR STREET LAYOUT.
9. LOCATION OF CURB INLETS TO BE DETERMINED FROM BACK-OF-CURB LOCATION SHOWN ON STREET PAVING PLAN.



LINE 1
VERTICAL SCALE 1" = 5'
HORIZONTAL SCALE 1" = 20'



DRAINAGE IN CONNECTION WITH PAVING STREETS IN 4TH ADDITION TO CHERRY CREEK HILLS LINE 1

DATE _____

NAME _____

ADDRESS _____

CITY _____

STATE _____

ZIP _____

PHONE _____

TELETYPE _____

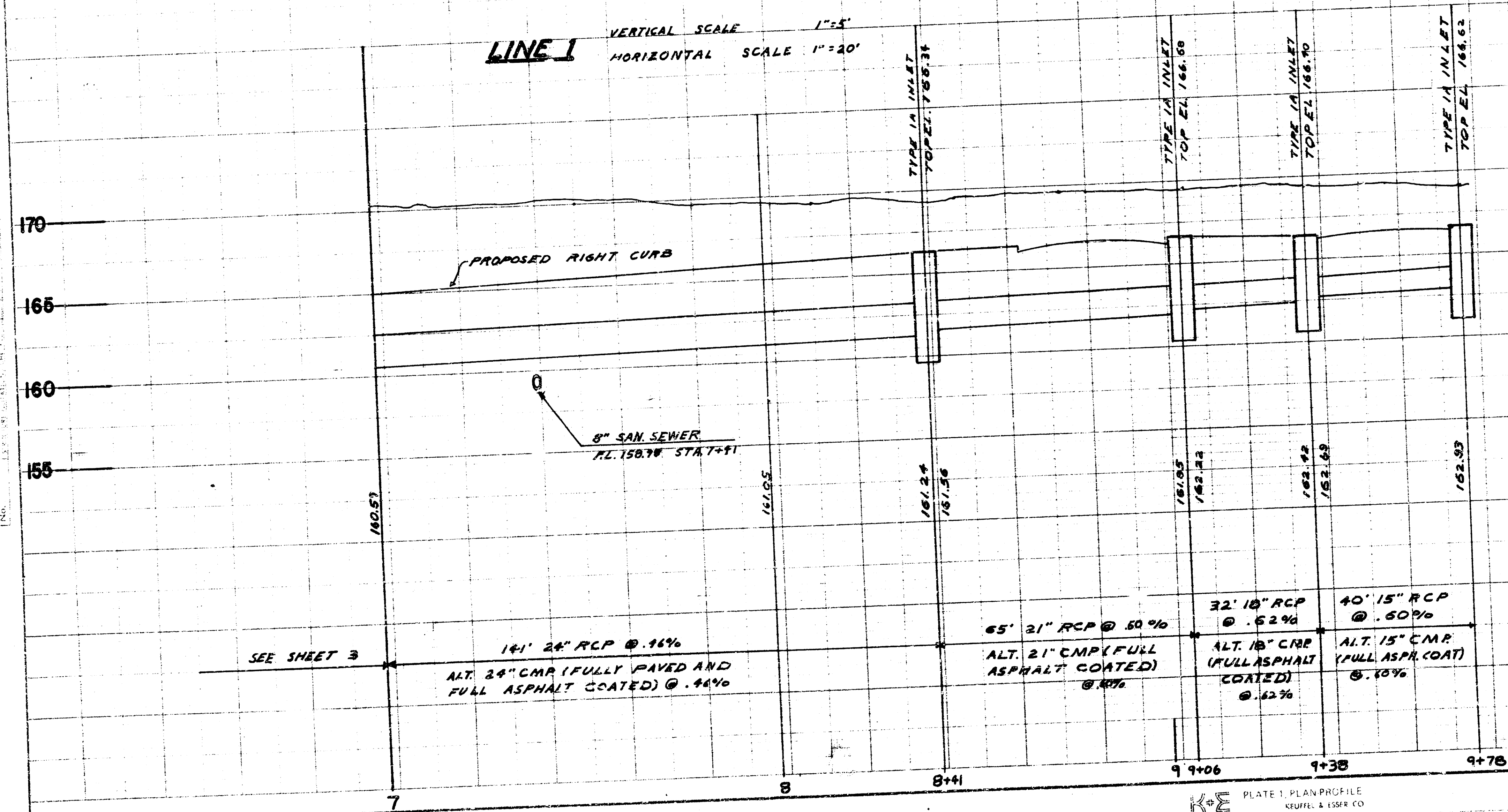
TELEFAX _____

EMAIL _____

PROFILE

NOTES

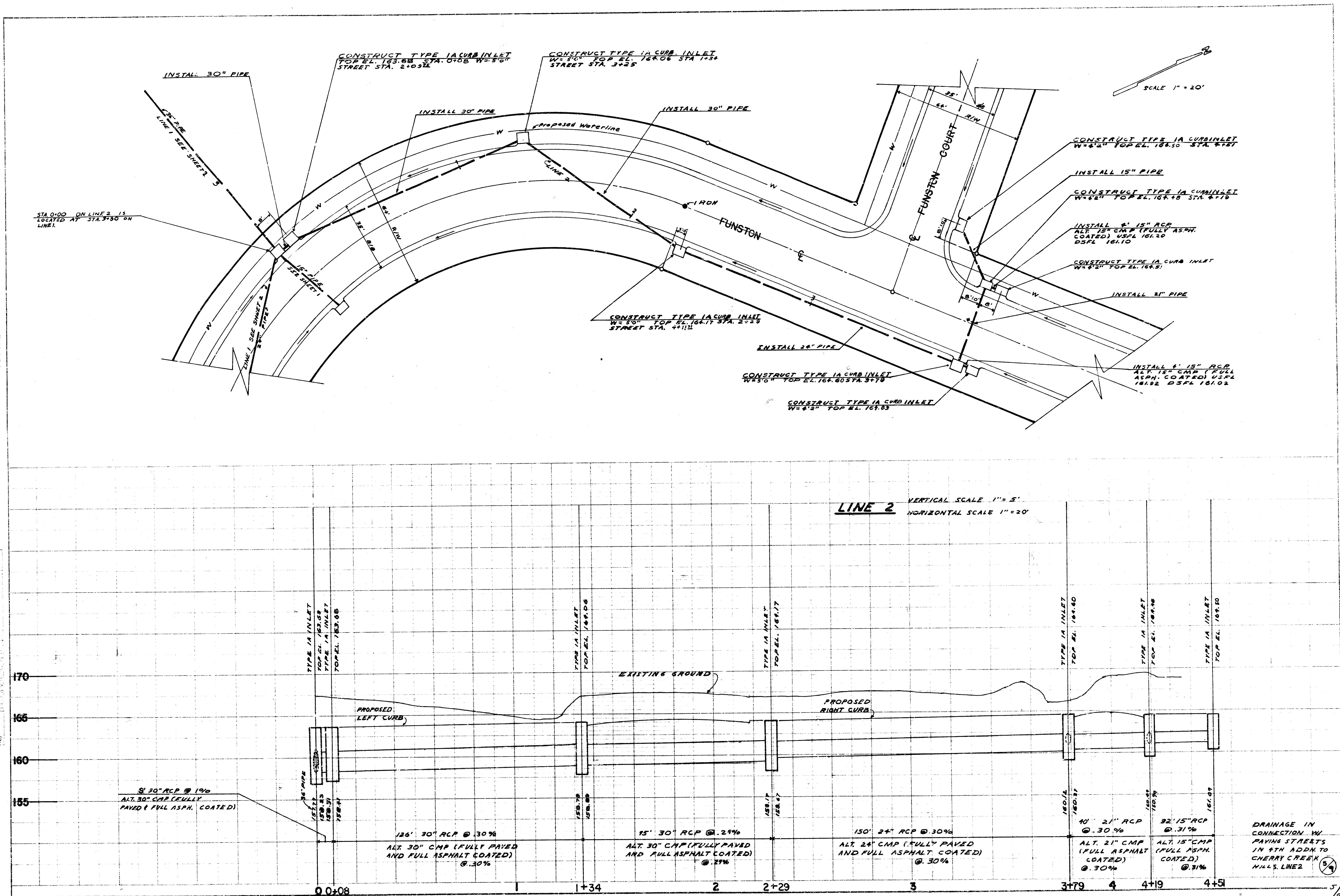
NOTE BOOK



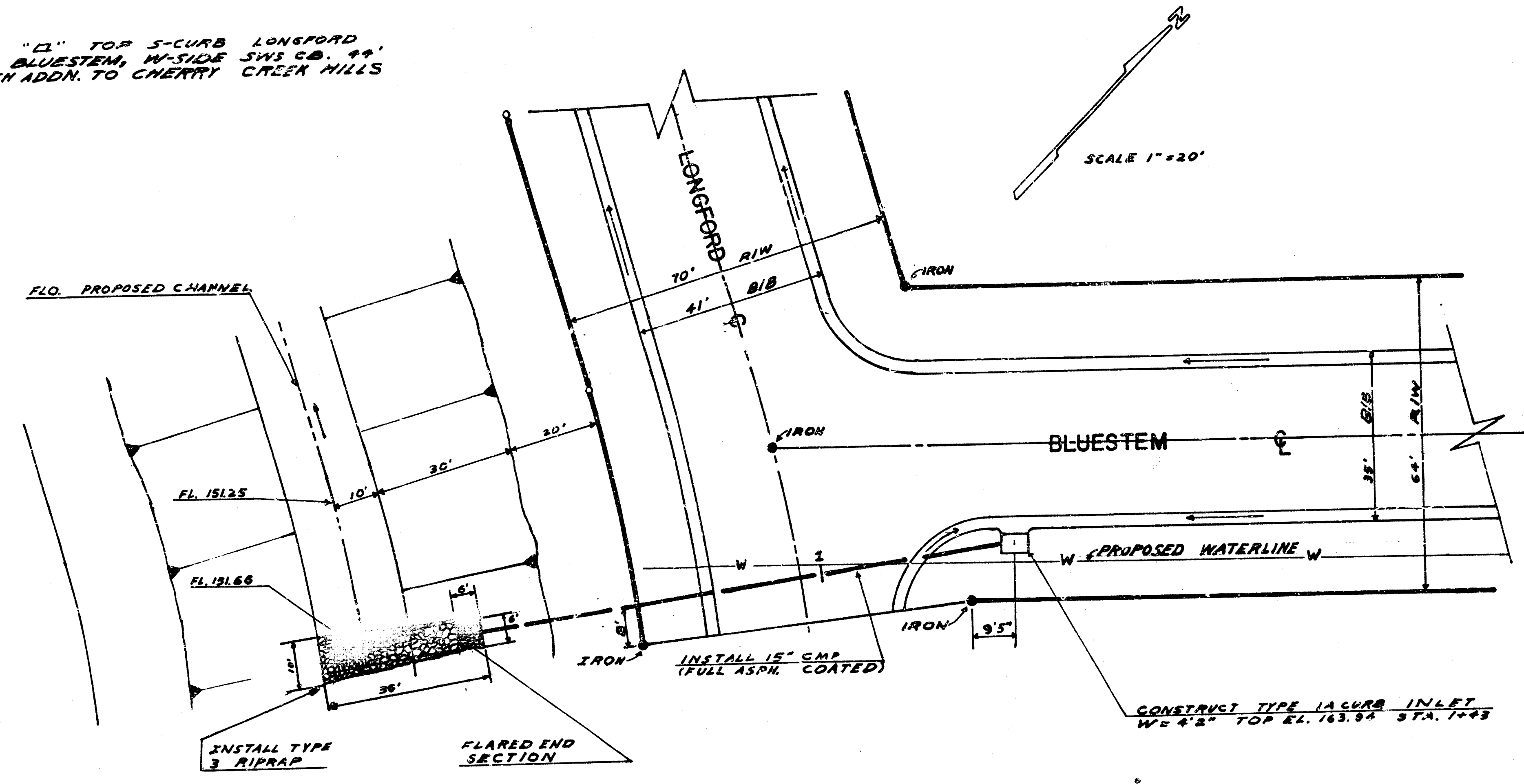
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PLAN
 DATE 11/11/11
 BY M. HARTING
 NO. 14133

PROFILE
 DATE 11/11/11
 BY M. HARTING
 NO. 14133

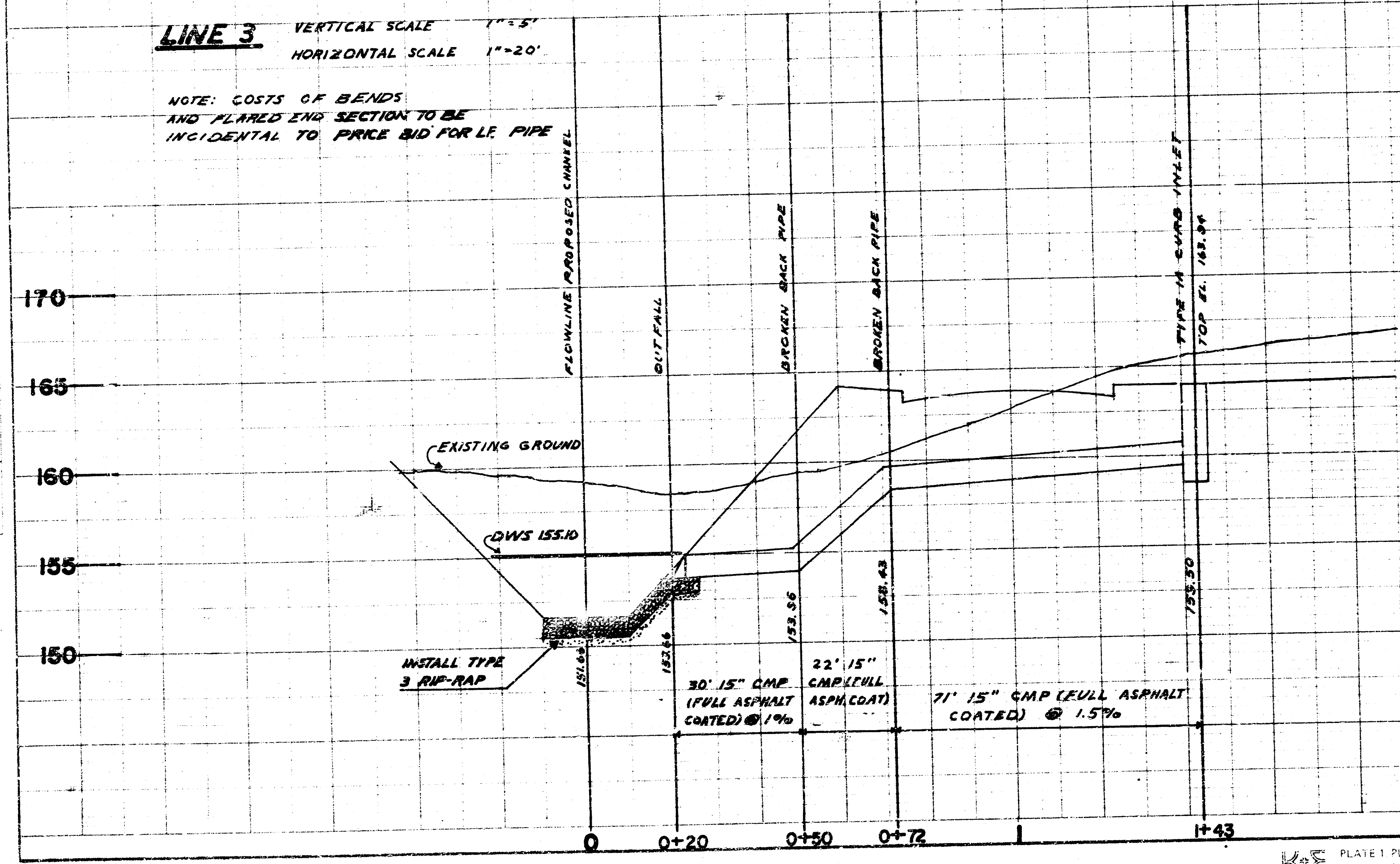


B.M. EL. 140.76 "I.L." TOP 5-CURB LONGFORD
100' ± W. OF BLUESTEM, W-SIDE SWS C.B. 44'
W. OF W.L. 4TH ADDN. TO CHERRY CREEK HILLS



LINE 3 VERTICAL SCALE 1" = 5'
HORIZONTAL SCALE 1" = 20'

NOTE: COSTS OF BENDS
AND FLARED END SECTION TO BE
INCIDENTAL TO PRICE BID FOR L.F. PIPE

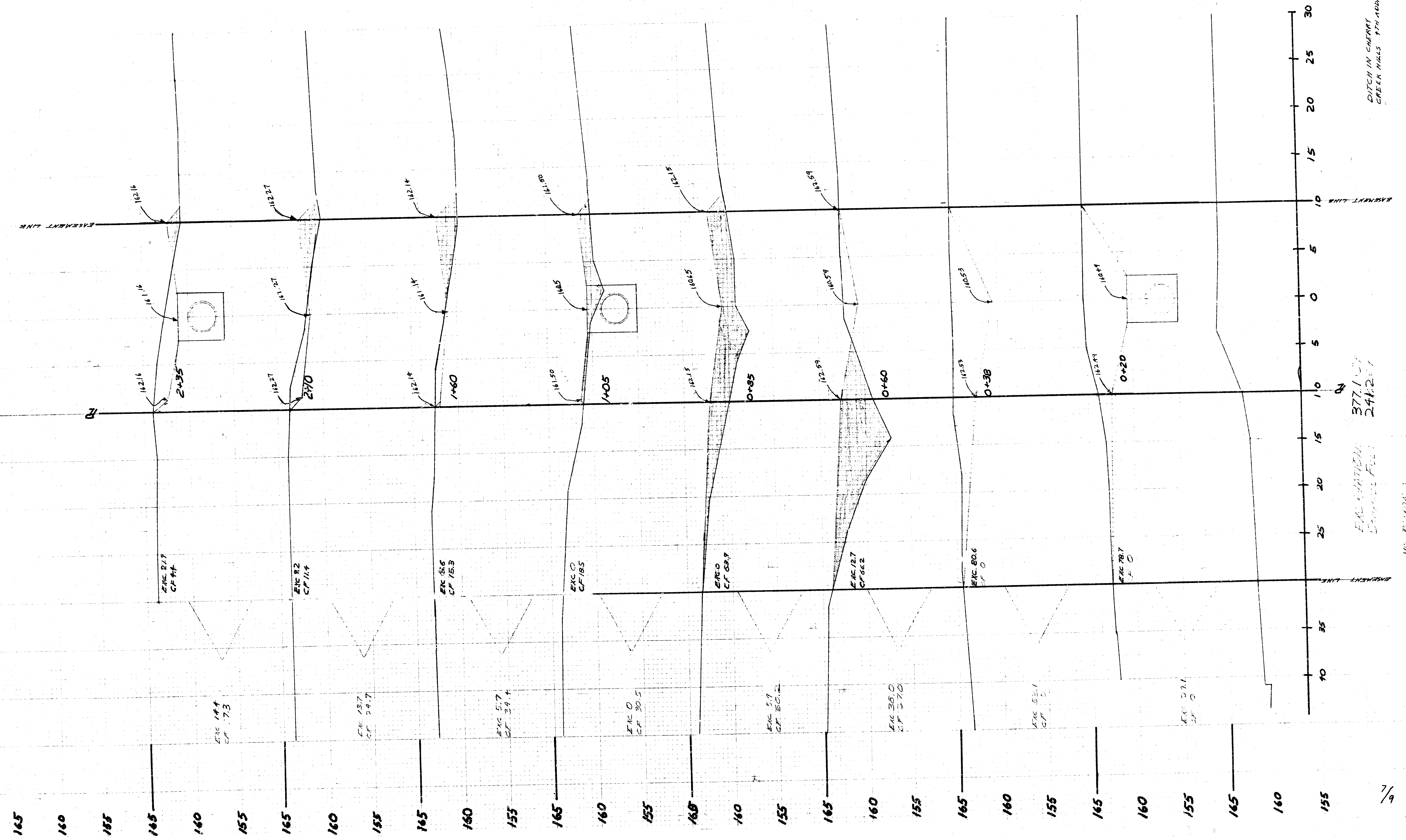


DRAINAGE IN CONNECTION
W/ PAVING STREETS IN 4TH
ADDN. TO CHERRY CREEK HILLS
LINE 3

6/9

PLATE 1 PLAN/PROFILE
K&E
48 7024 MADE IN U.S.A.

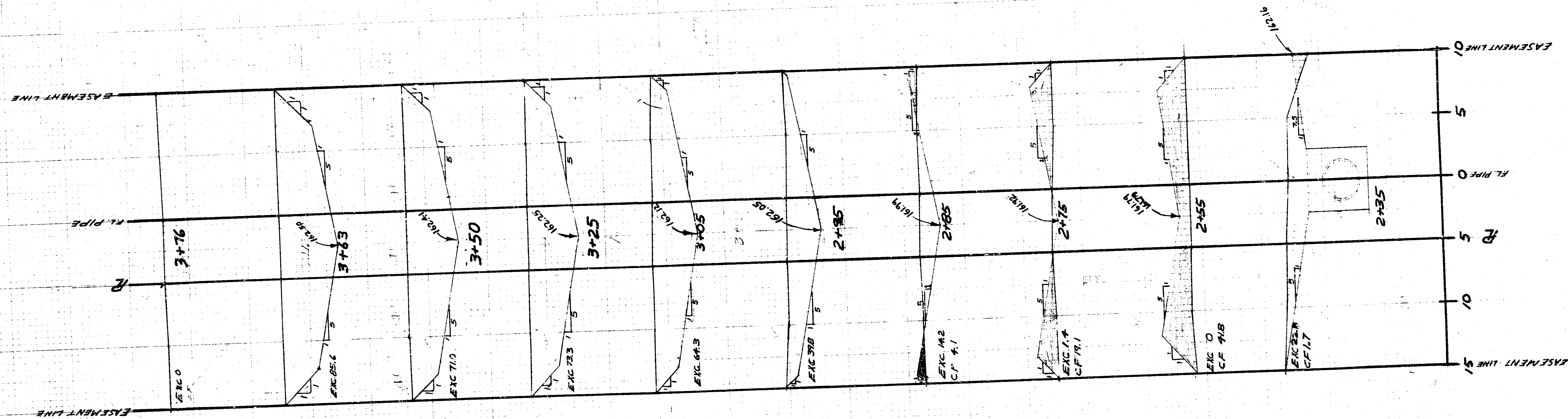
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DITCH IN CHERRY
GREEN HILLS 4TH ADDN

EXISTING 377.107
PROPOSED 241.21

NO. 21-1024



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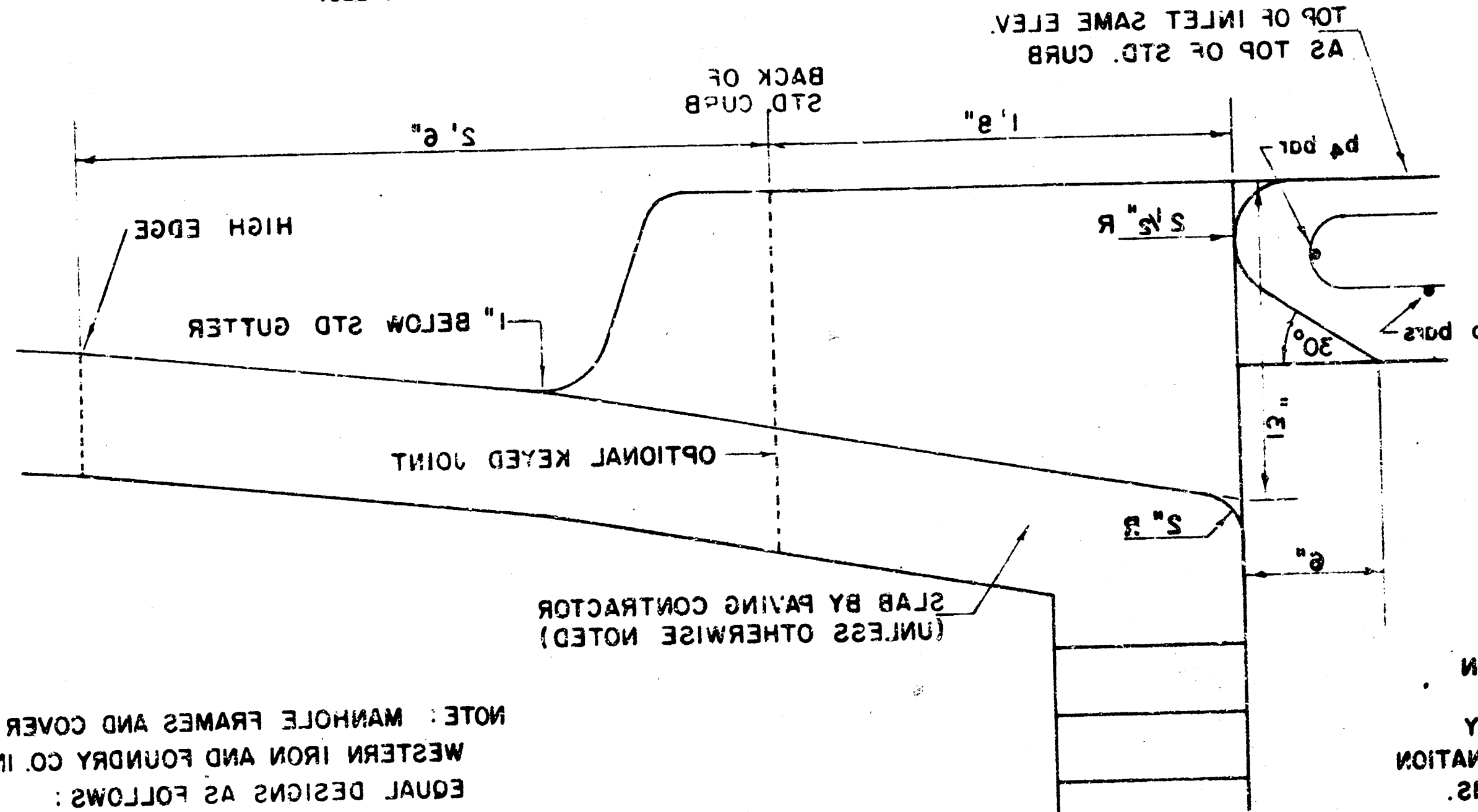
X-SECS DITCH IN CROWN
 GREEN HILLS WITH ADDITION

3 2 8

R. W. LINN - CITY ENGINEER
CITY OF WICHITA, KANSAS
DETAIL STANDARD TYPE IA CURB INLET

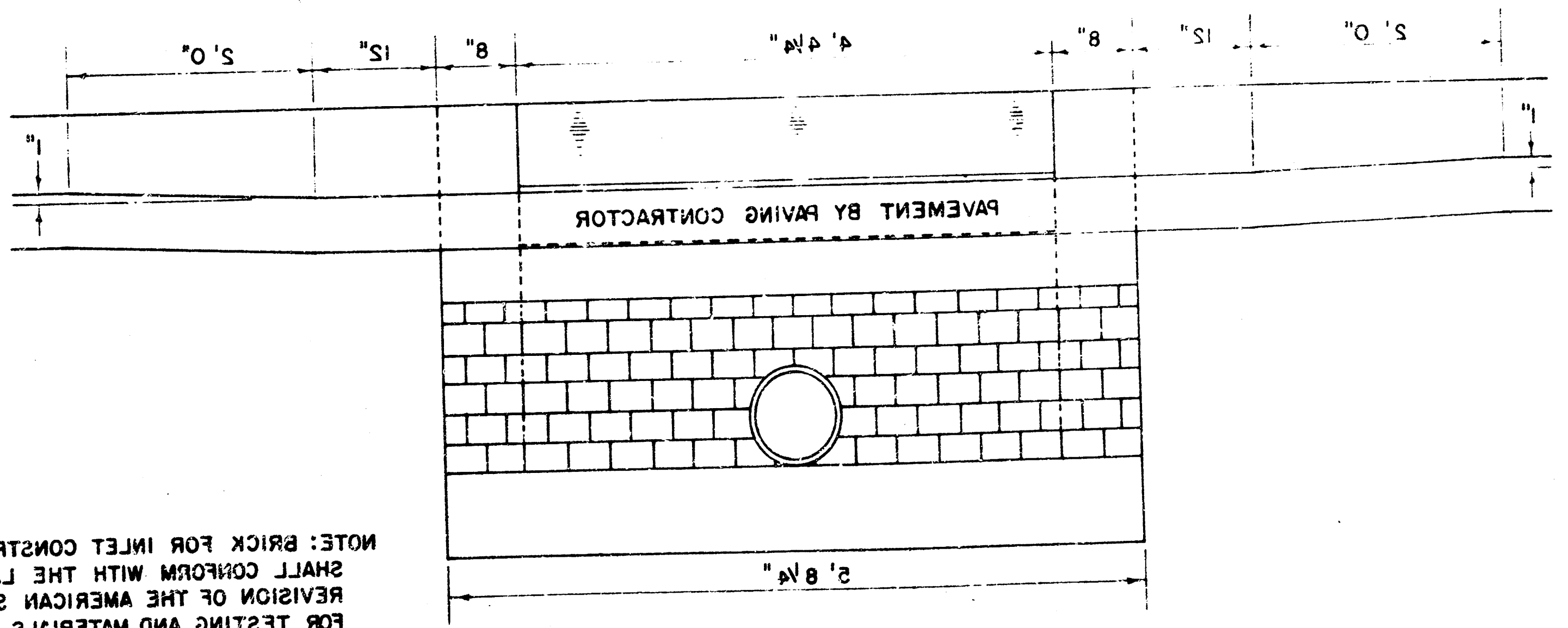
COVER : 252 24 "NOBBY"
FRAME (ALTERNATE) : 200 A
FRAME : 200 - L64
EQUAL DESIGNS AS FOLLOWS :
WESTERN IRON AND FOUNDRY CO. INC. OR
NOTE : MAINHOLE FRAMES AND COVER ARE

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



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

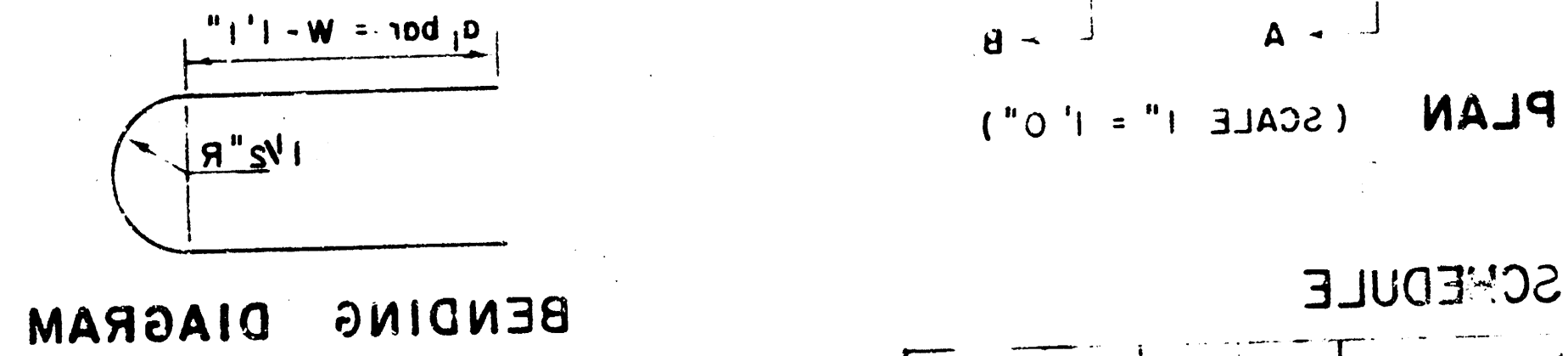
SECTION C - C
(SCALE 1" = 10')



* NOTE: 5 BARS TO BE PLACED APPROX. 5" BELOW TOP OF INLET COVER

[illegible]

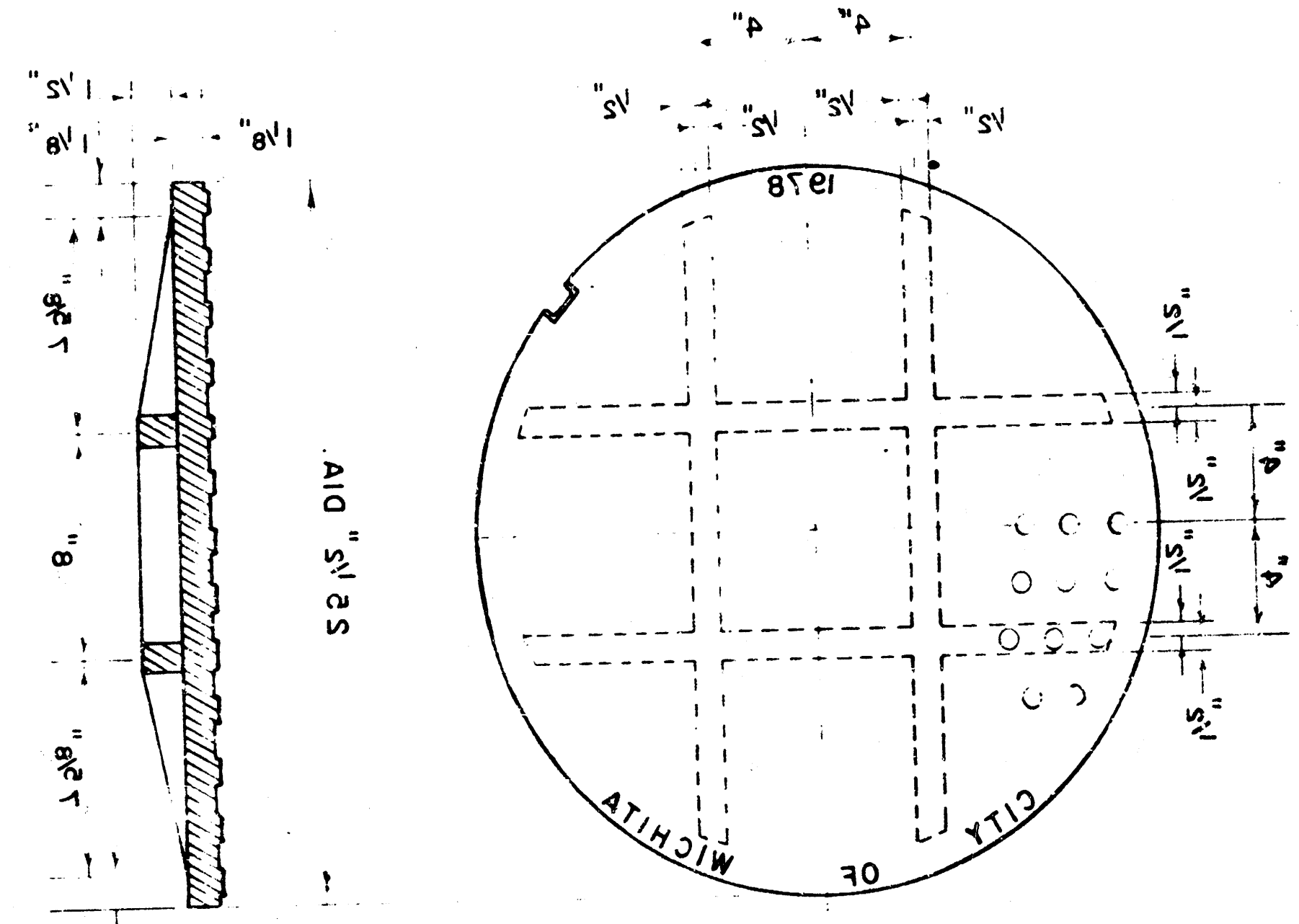
STEEL SCHEDULE



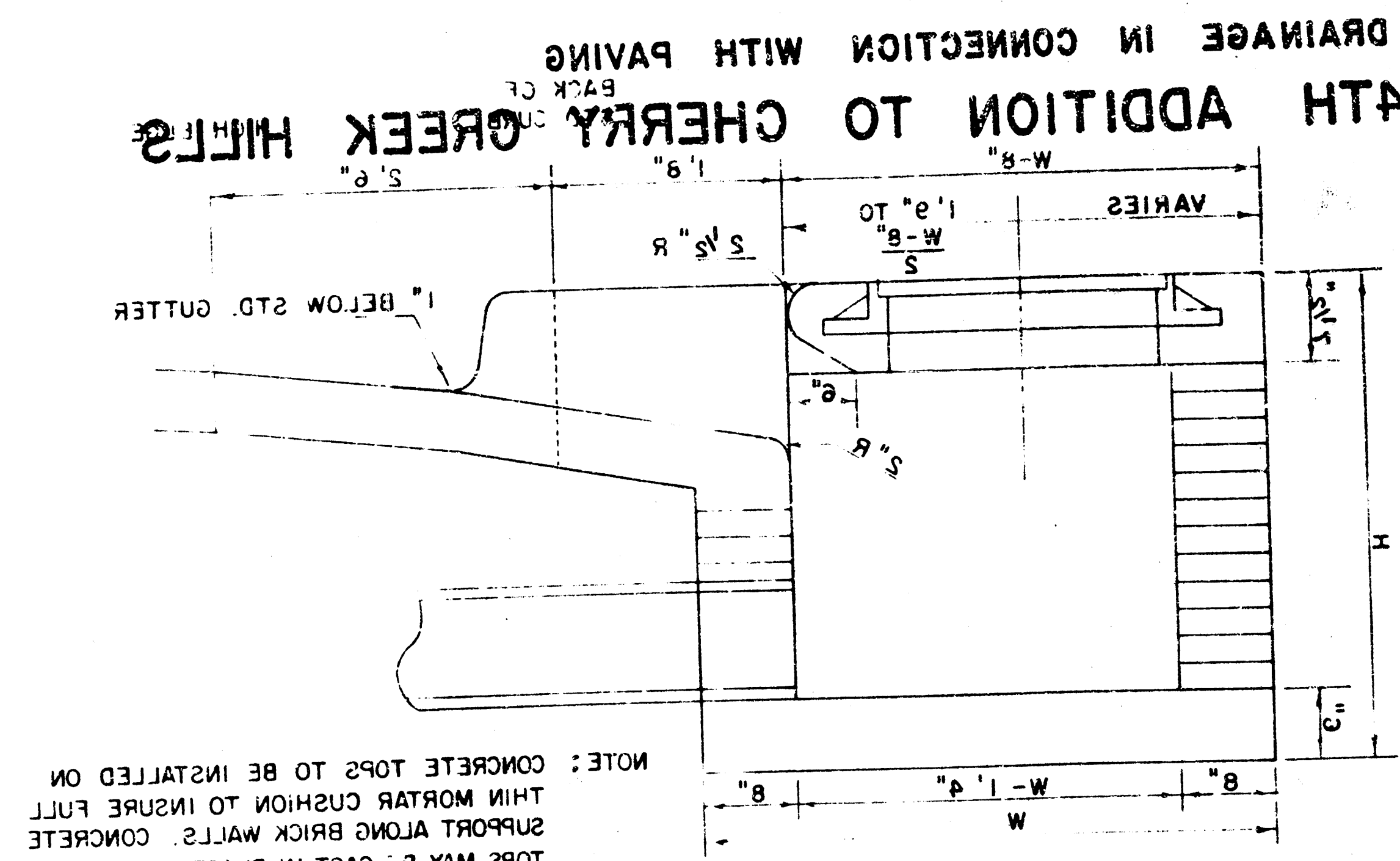
BENDING DIAGRAM

STANDARD CURB INLET PRECAST 7925			
W	PRECAST 707 SIZE	PIPE SIZE	CG. AD. CONC.
4' 5"	36" x 36" x 7' 10.5"	36" x 36" x 7' 10.5"	0.46
5' 0"	48" x 36" x 7' 10.5"	36" x 36" x 7' 10.5"	0.47
6' 0"	60" x 36" x 7' 10.5"	36" x 36" x 7' 10.5"	0.51
7' 0"	60" x 36" x 7' 10.5"	48" x 36" x 7' 10.5"	0.84
8' 0"	72" x 36" x 7' 10.5"	60" x 36" x 7' 10.5"	0.87

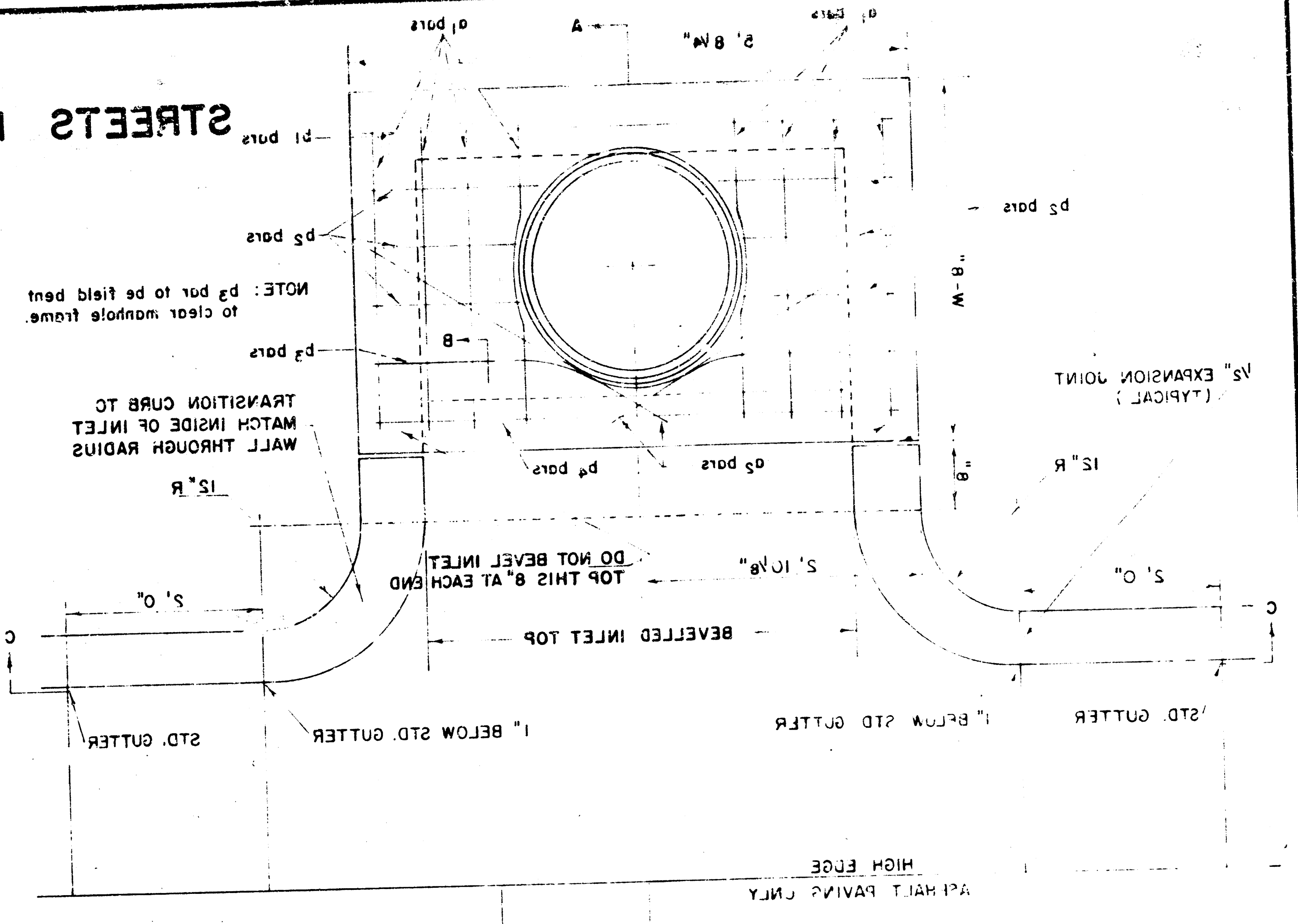
MANHOLE COVER



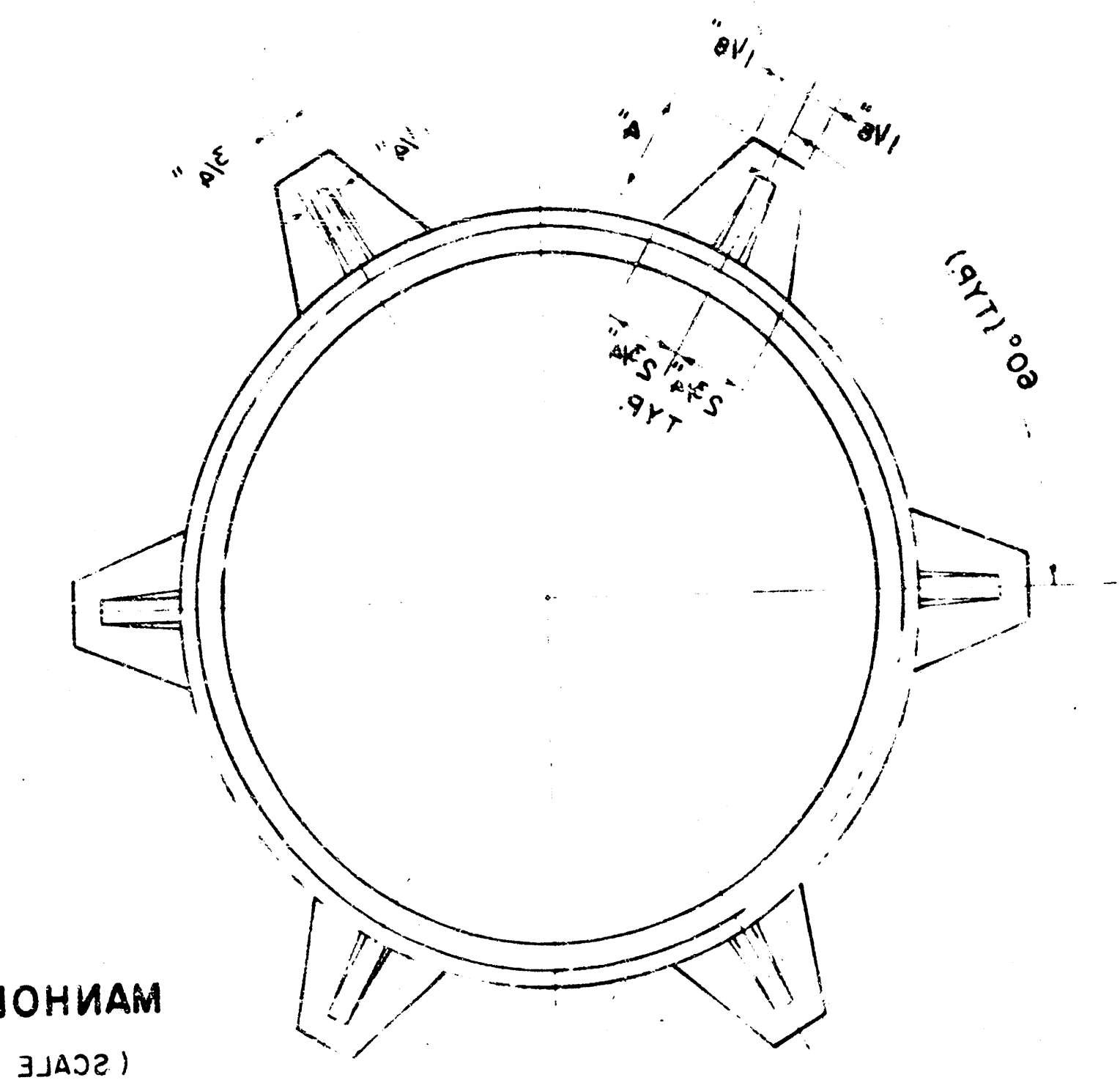
A-A SECTION
(SCALE 1" = 1' 0")



PLAN (SCALE 1" = 10')



MANHOLE FRAME



MANHOLE FRAME
(ALTERNATE)

