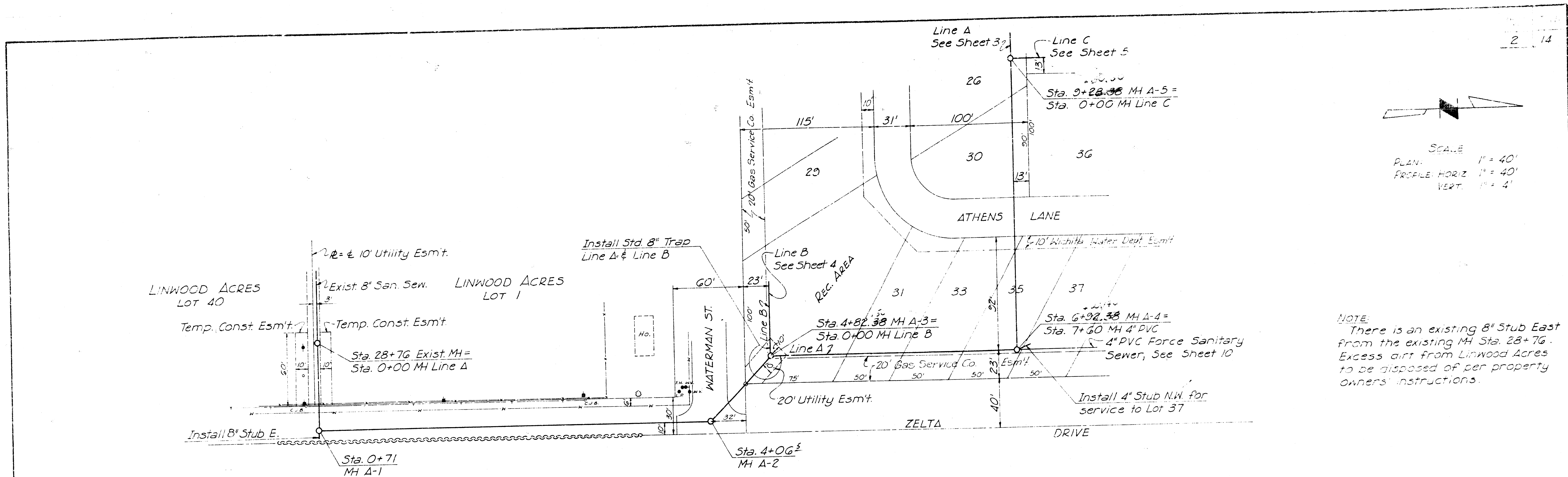
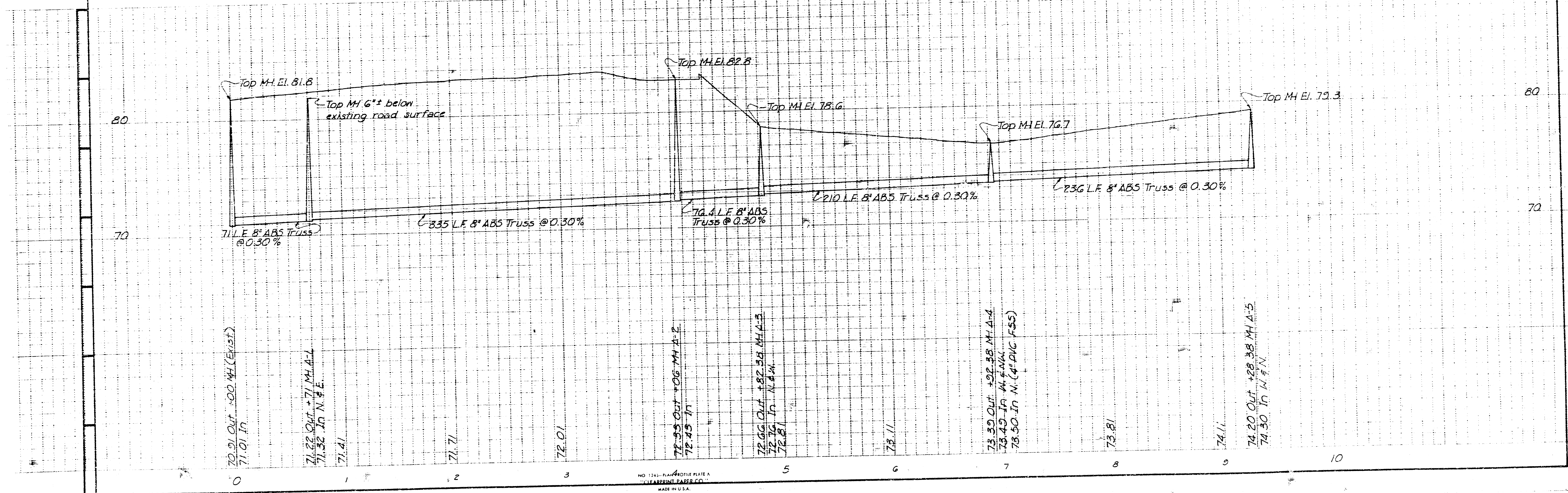




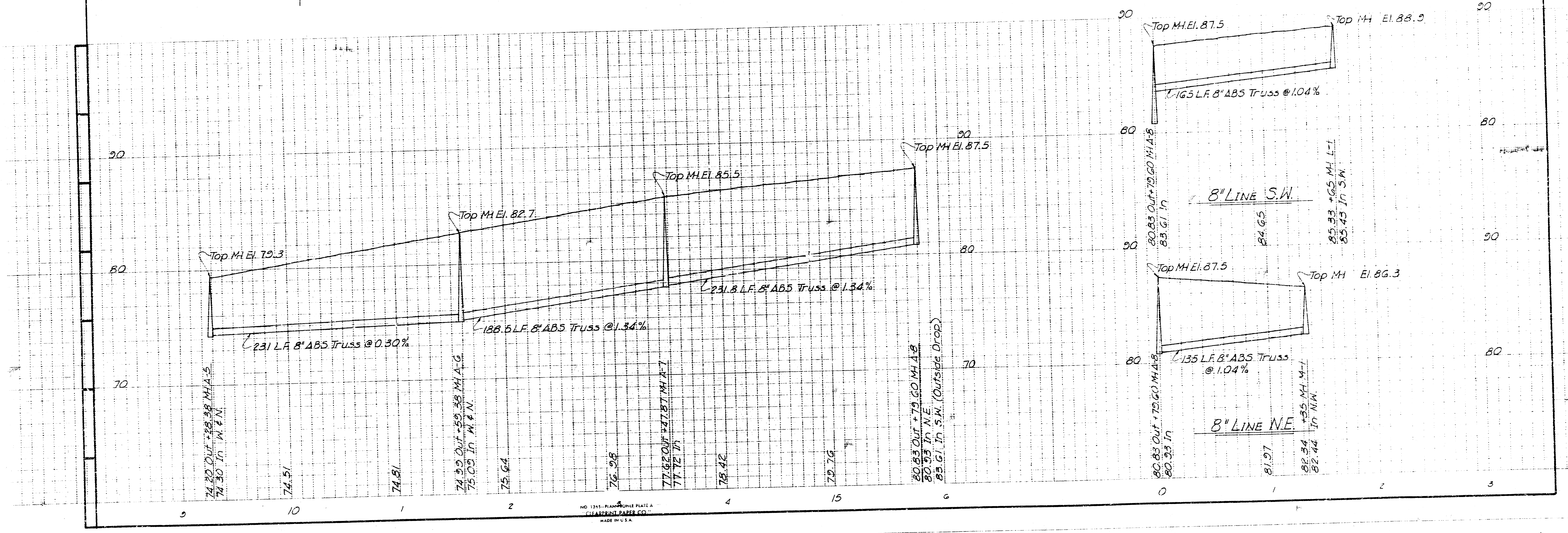
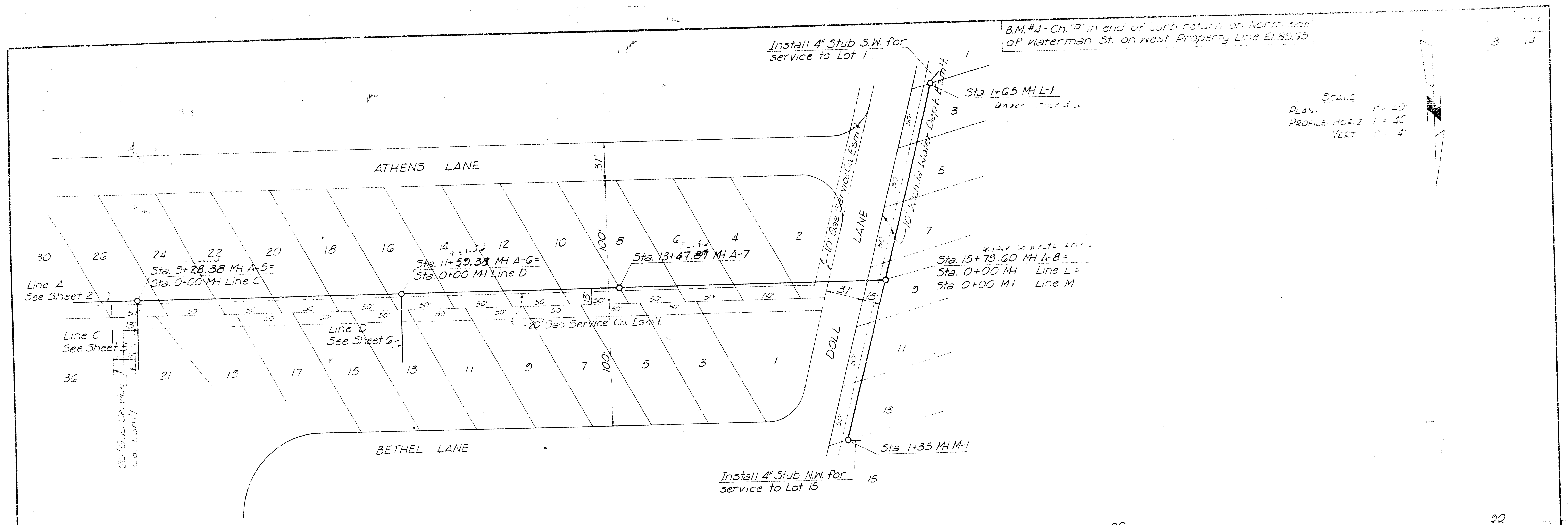
SCALE
 PLAN: 1" = 40'
 PROFILE: HORIZ. 1" = 40'
 VERT. 1" = 4'

NOTE:
 There is an existing 8" Stub East from the existing MH Sta. 28+76. Excess dirt from Linwood Acres to be disposed of per property owners' instructions.

B.M.*G-R.R. Spk. in L.P. S.W. of the intersection of Waterman St. & Zelta Drive El. 84.10



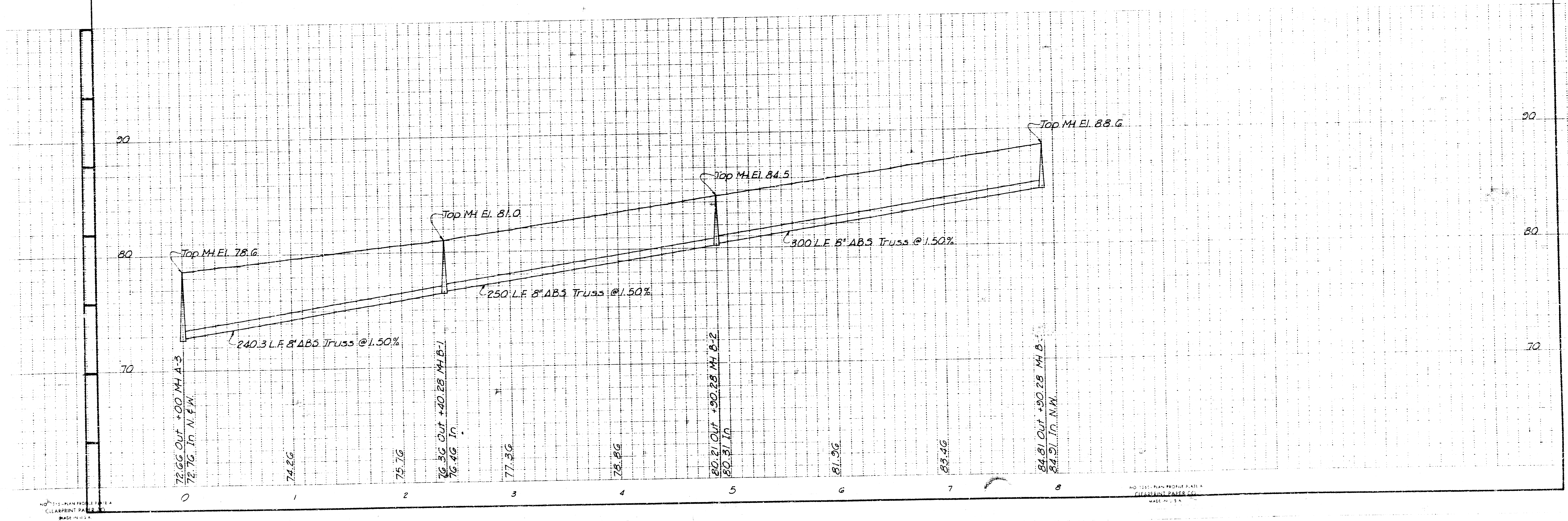
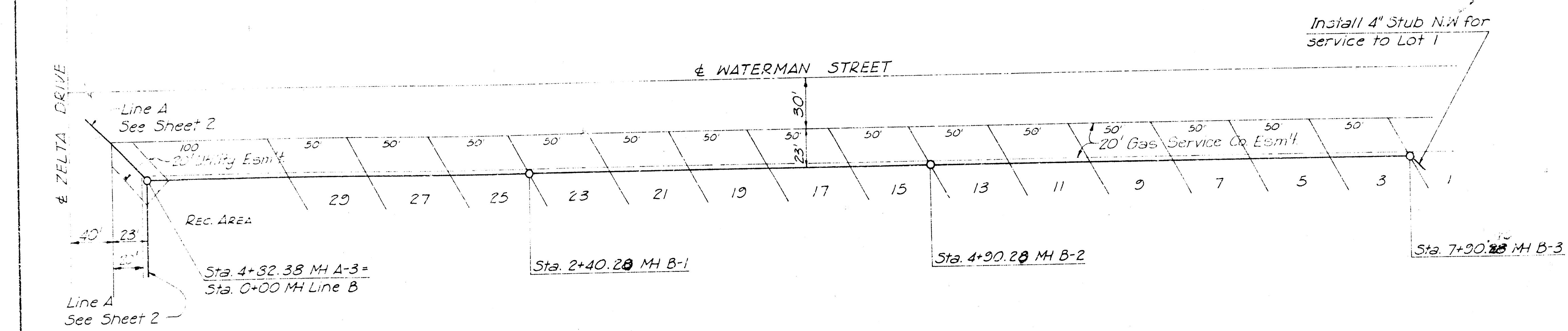
FILMED FROM THE BEST AVAILABLE COPY



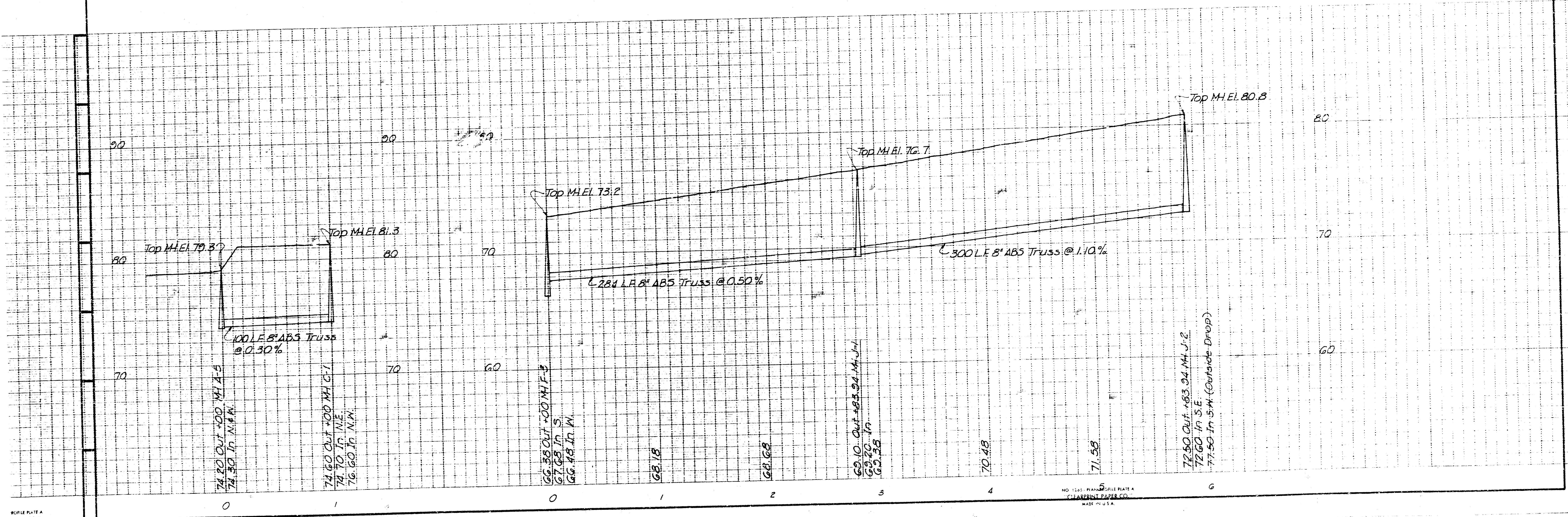
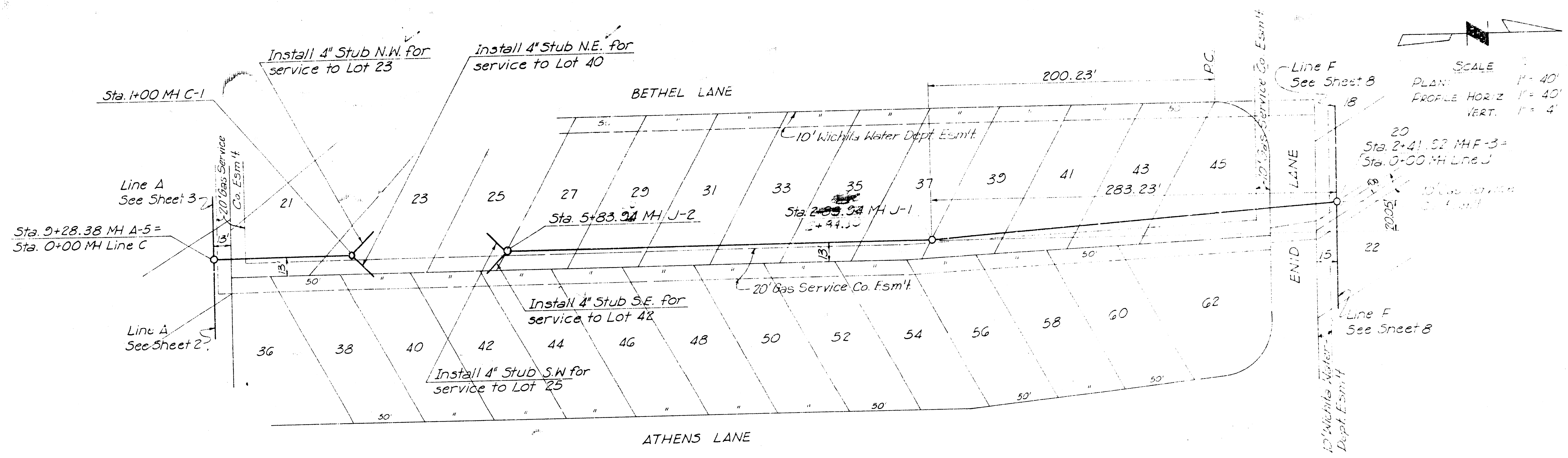
249-D
PAP 647 2
3/14

FILMED FROM THE BEST
AVAILABLE COPY

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



FILMED FROM THE BEST AVAILABLE COPY



B.M. #3 - R.R. Spk. in L.R. 500' North of
Waterman St. on West R. El. 85.56

Install 4" Stub S.W. for
service to Lot 17

Sta. 6+33.07 M.H. D-3

Sta. 4+94.43 M.H. D-2 =
Sta. 0+00 M.H. Line E

Sta. 11+59.38 M.H. A-G -
Sta. 0+00 M.H. Line D

20' Gas Service
Co. Esm't

Line A
See Sheet 3
13

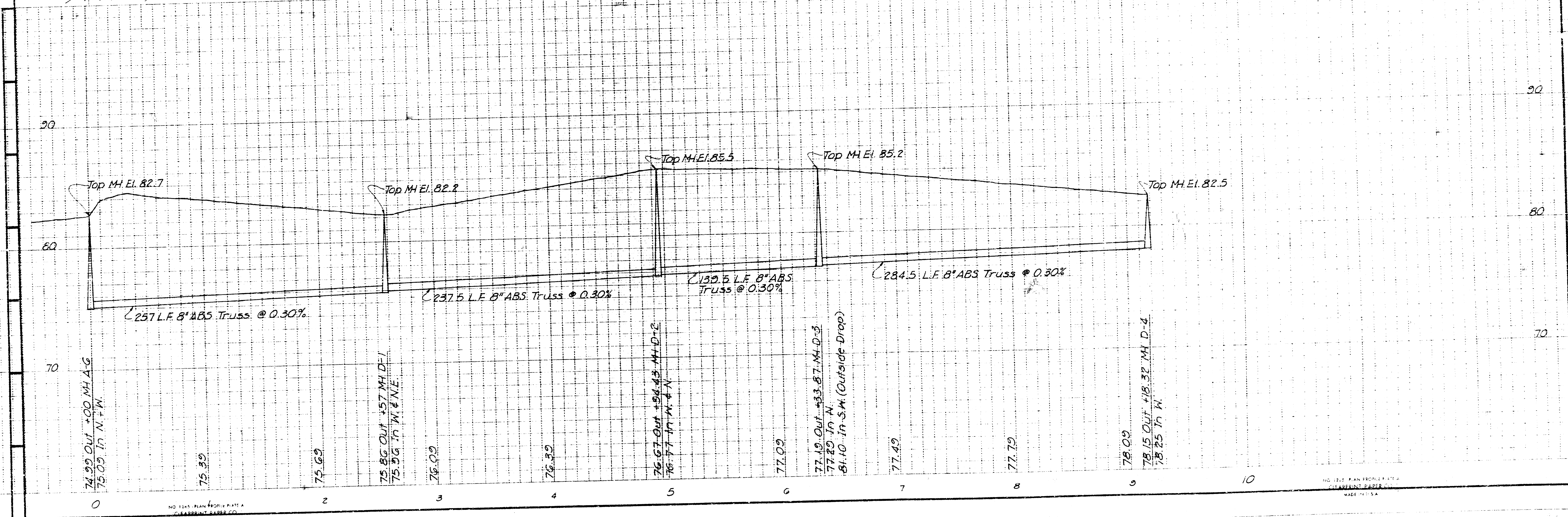
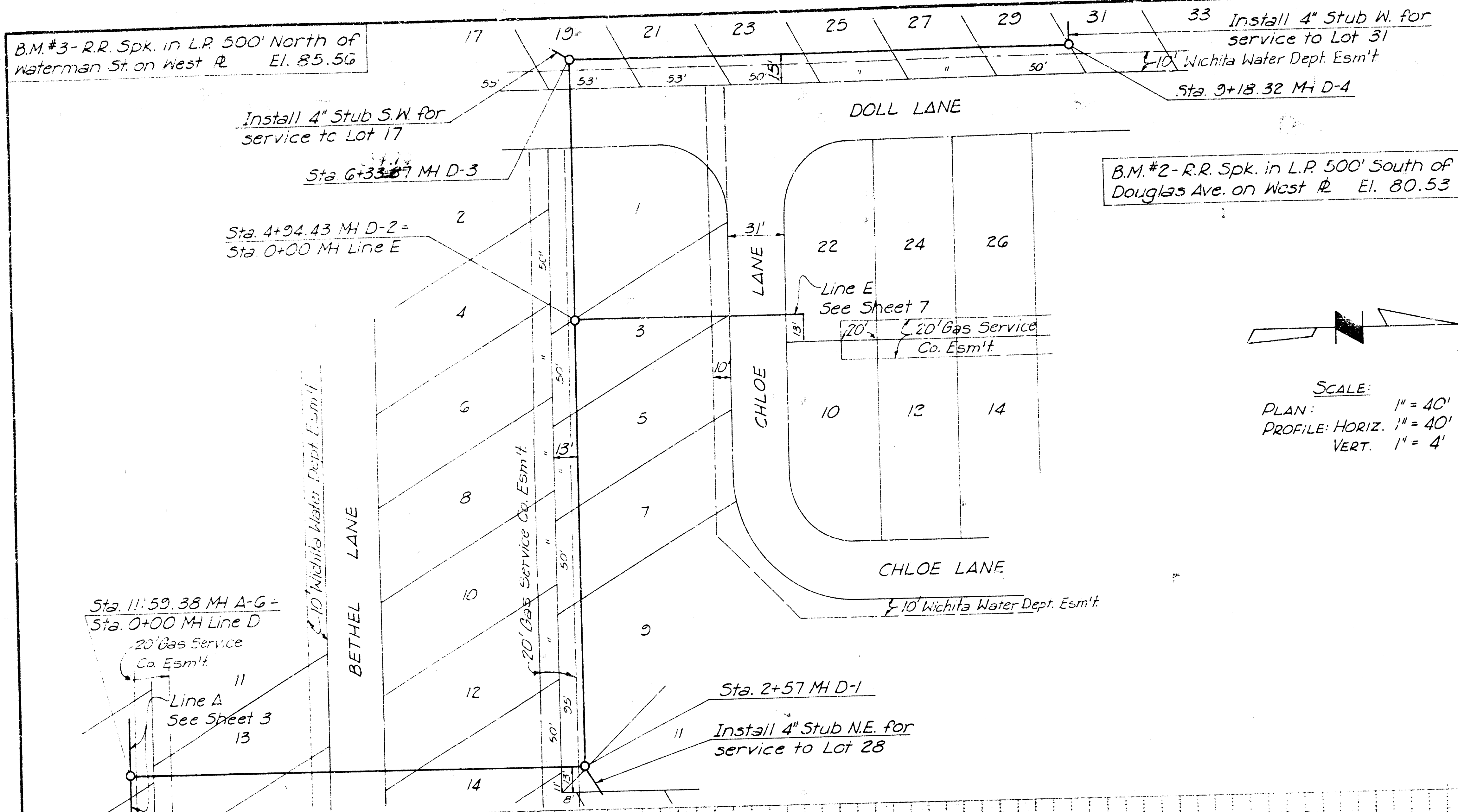
Sta. 2+57 M.H. D-1

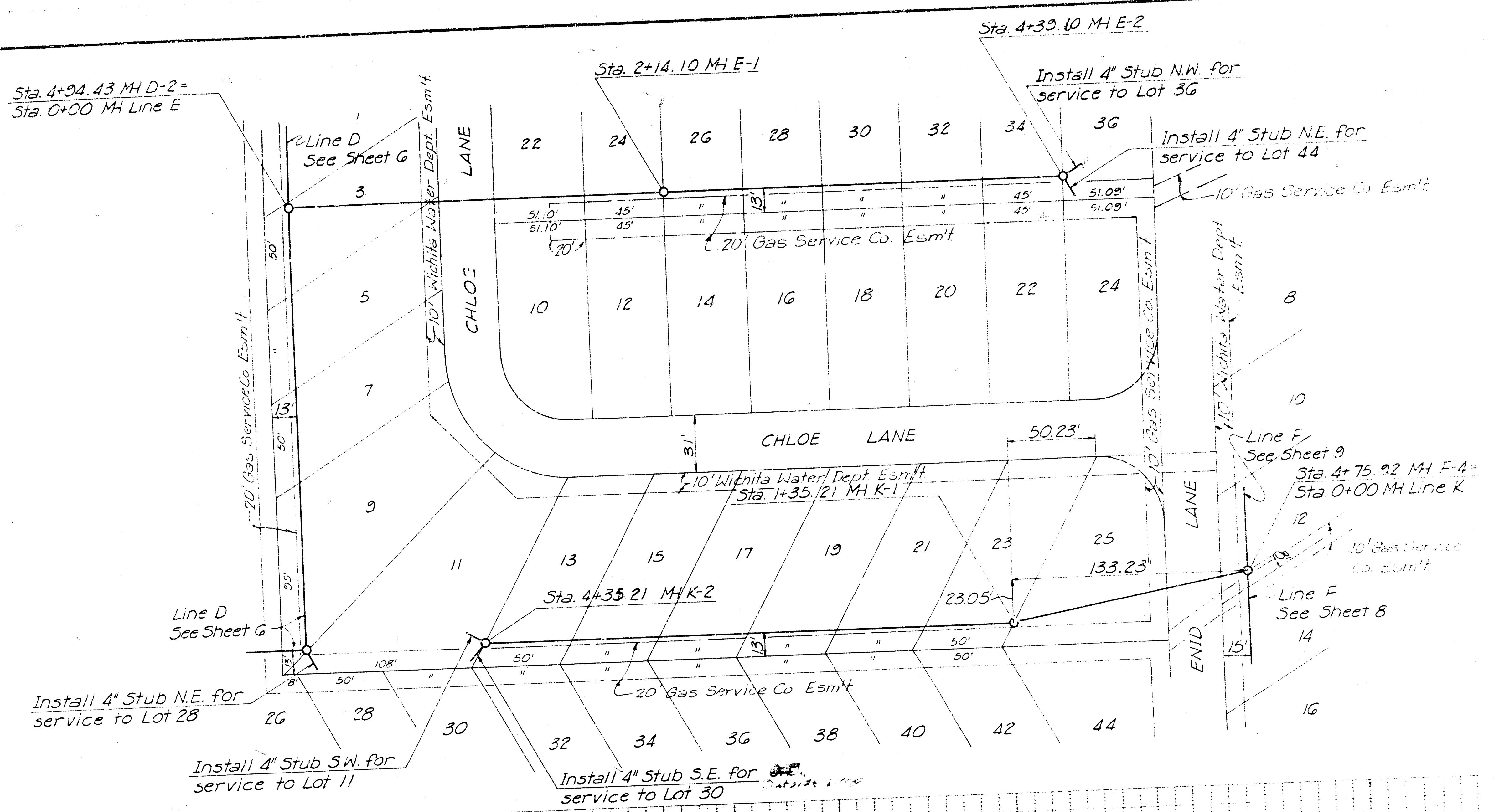
Install 4" Stub N.E. for
service to Lot 28

B.M. #2 - R.R. Spk. in L.R. 500' South of
Douglas Ave. on West R. El. 80.53

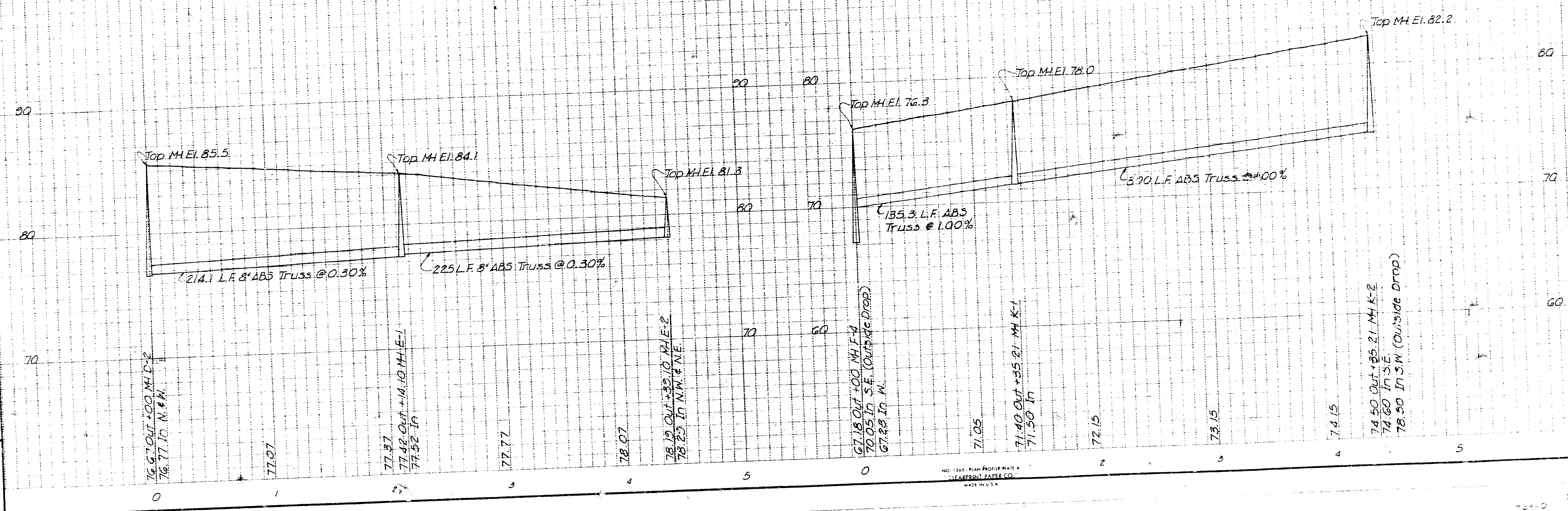


SCALE:
PLAN: 1" = 40'
PROFILE: HORIZ. 1" = 40'
VERT. 1" = 4'



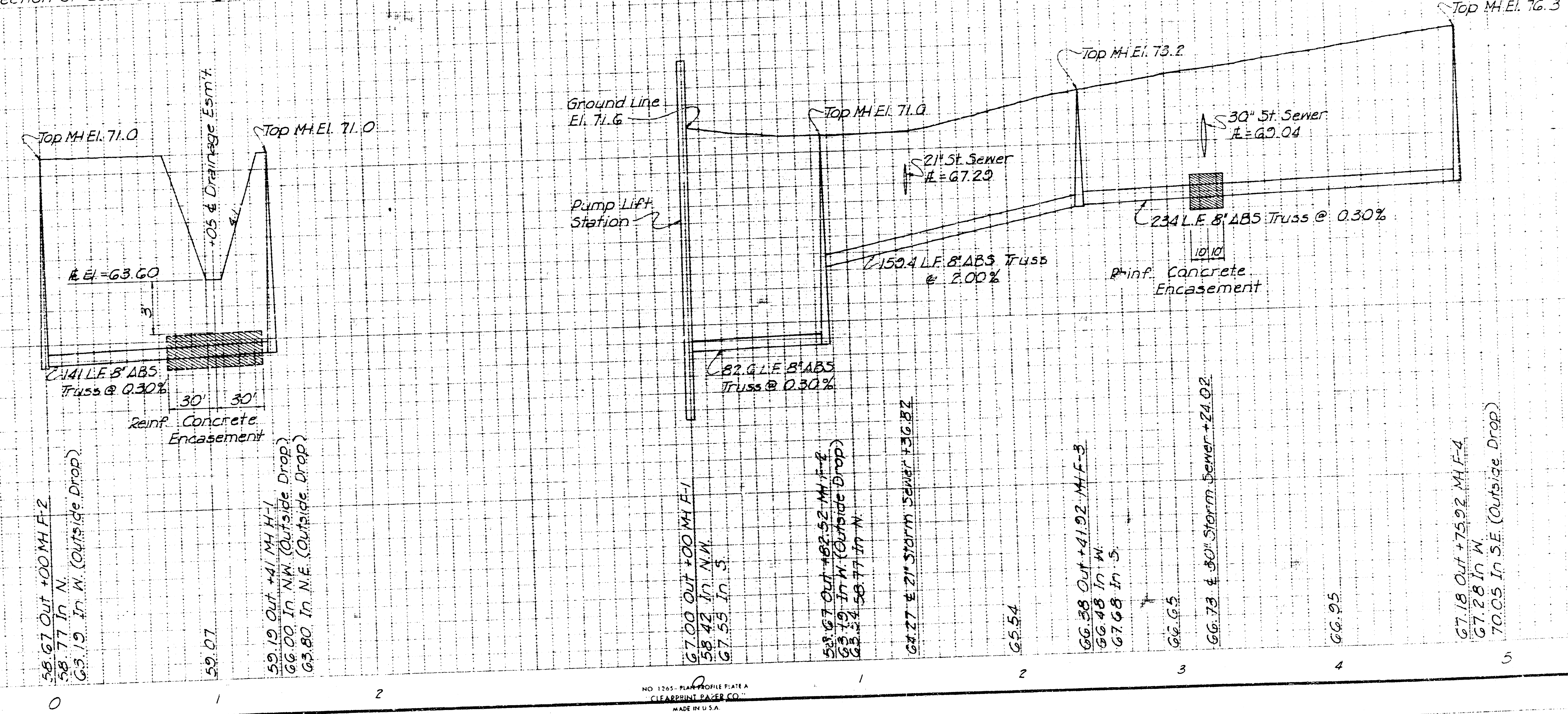
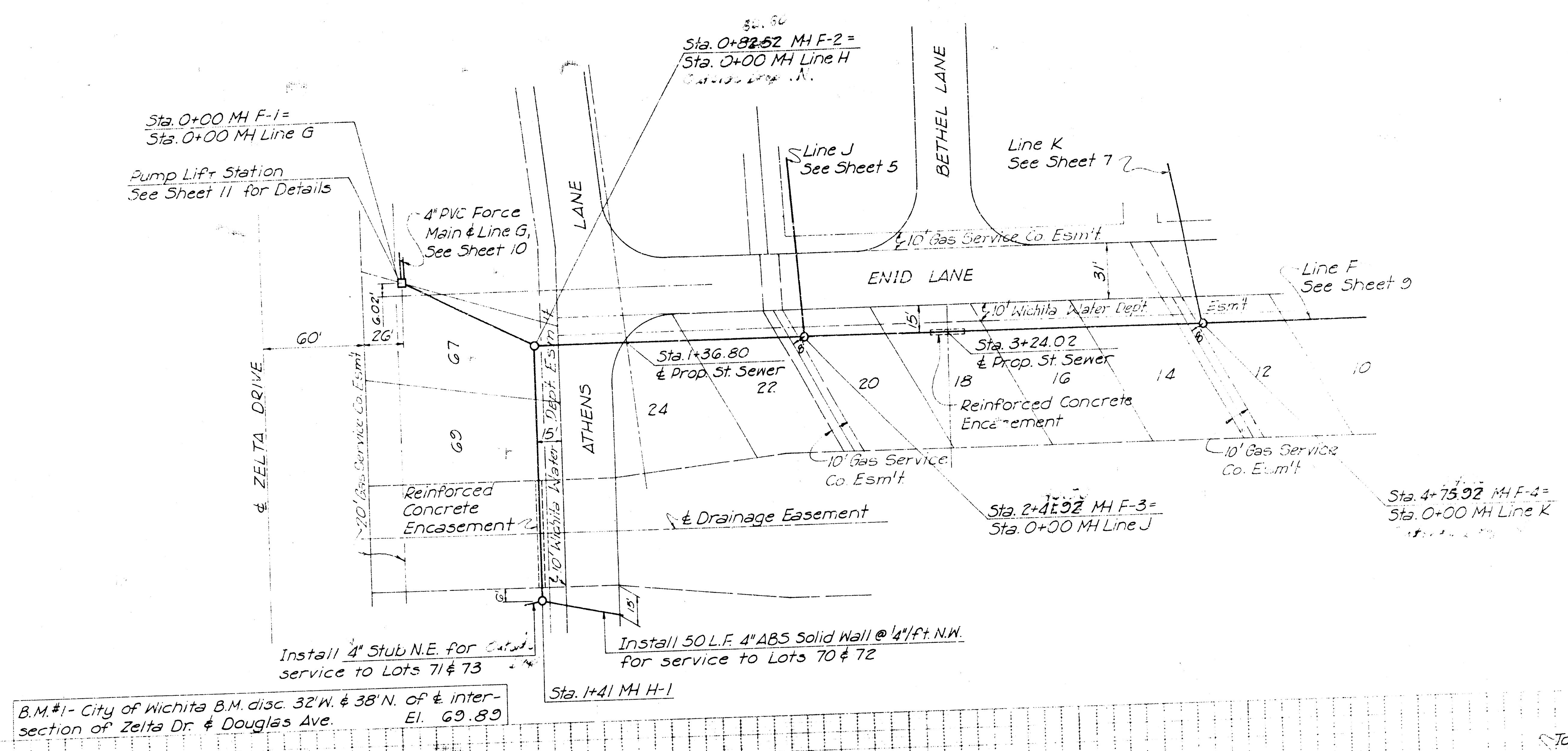


SCALE
 PLAN: 1" = 40'
 PROFILE: HORIZ. 1" = 40'
 VERT. 1" = 4'



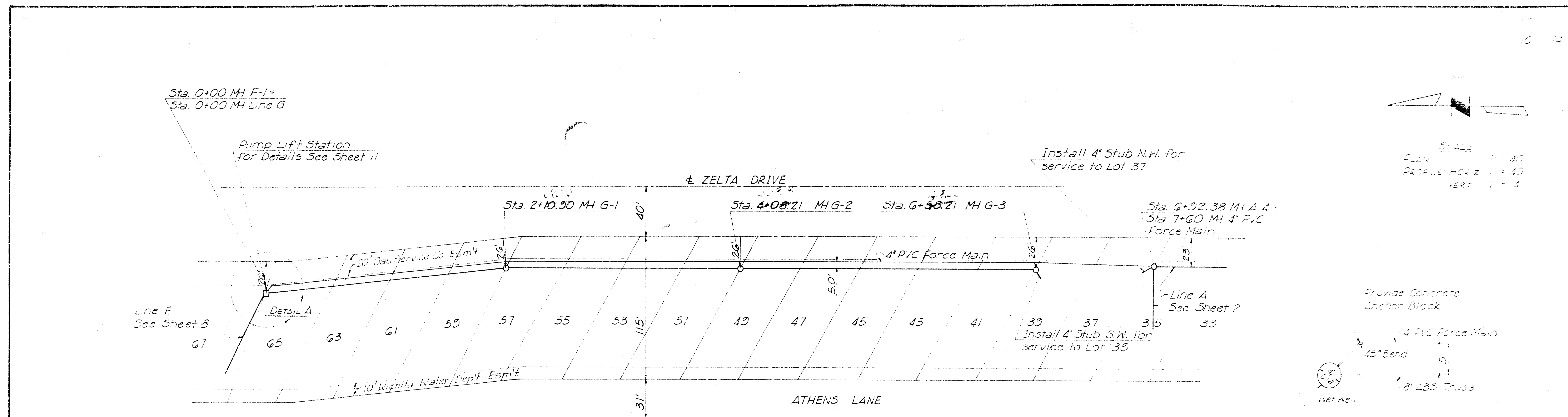
FILMED FROM THE BEST
 AVAILABLE COPY

SCALE
PLAN: 1" = 40'
PROFILE HORIZ: 1" = 40'
VERT: 1" = 4'

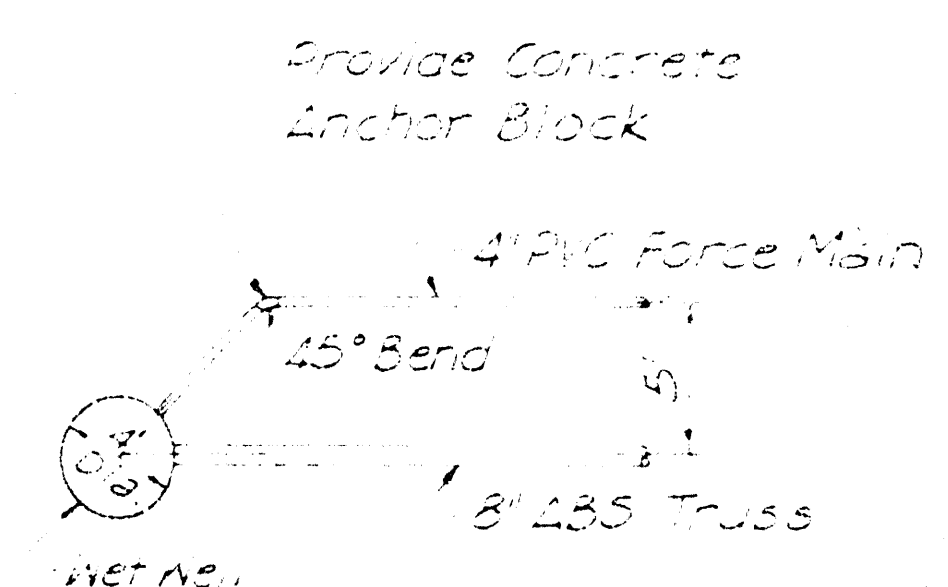


NO. 1265-PLAN PROFILE PLATE A
CLEARPRINT PAPER CO.
MADE IN U.S.A.

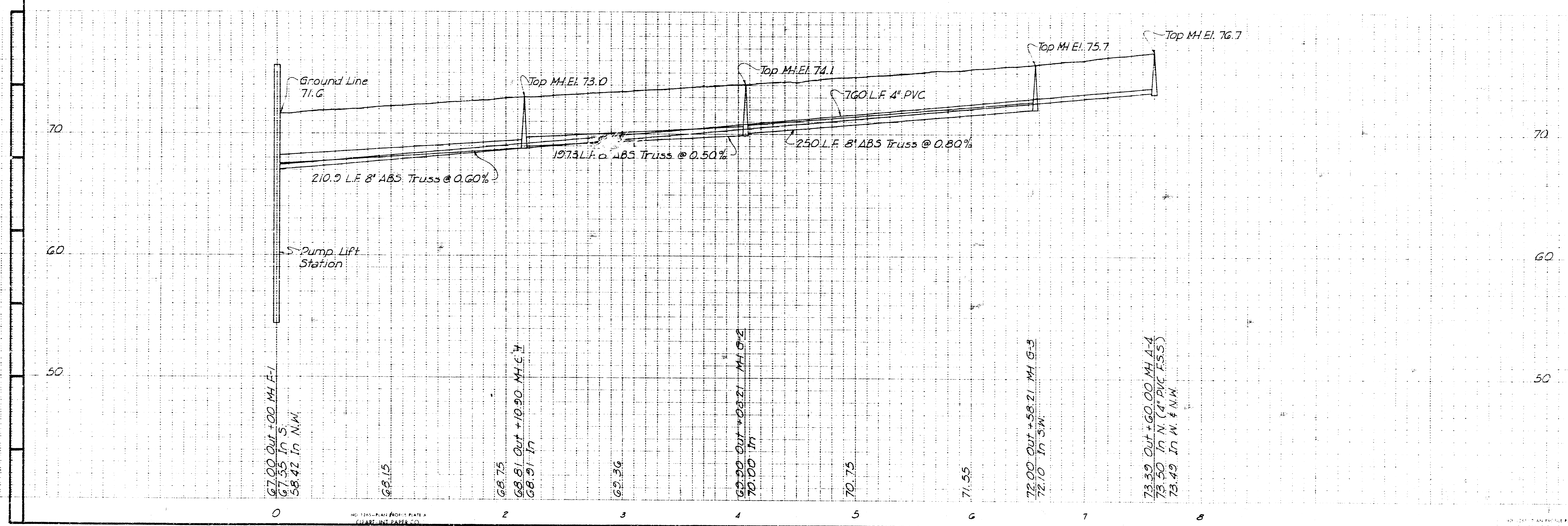
FILMED FROM THE BEST
AVAILABLE COPY....

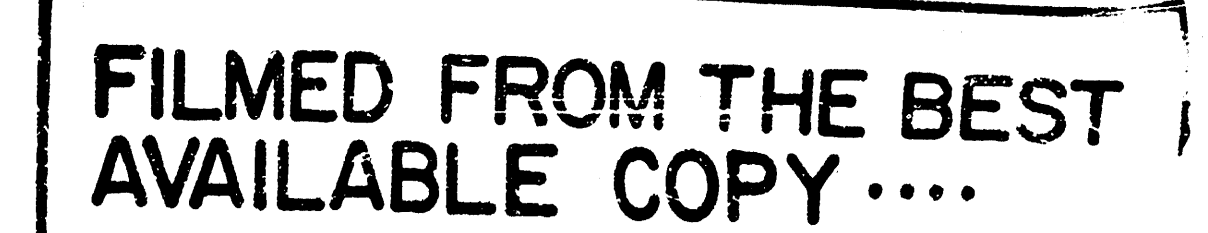


SCALE
PLAN 1" = 40'
PROFILE HORIZ. 1" = 40'
VERT. 1" = 4'

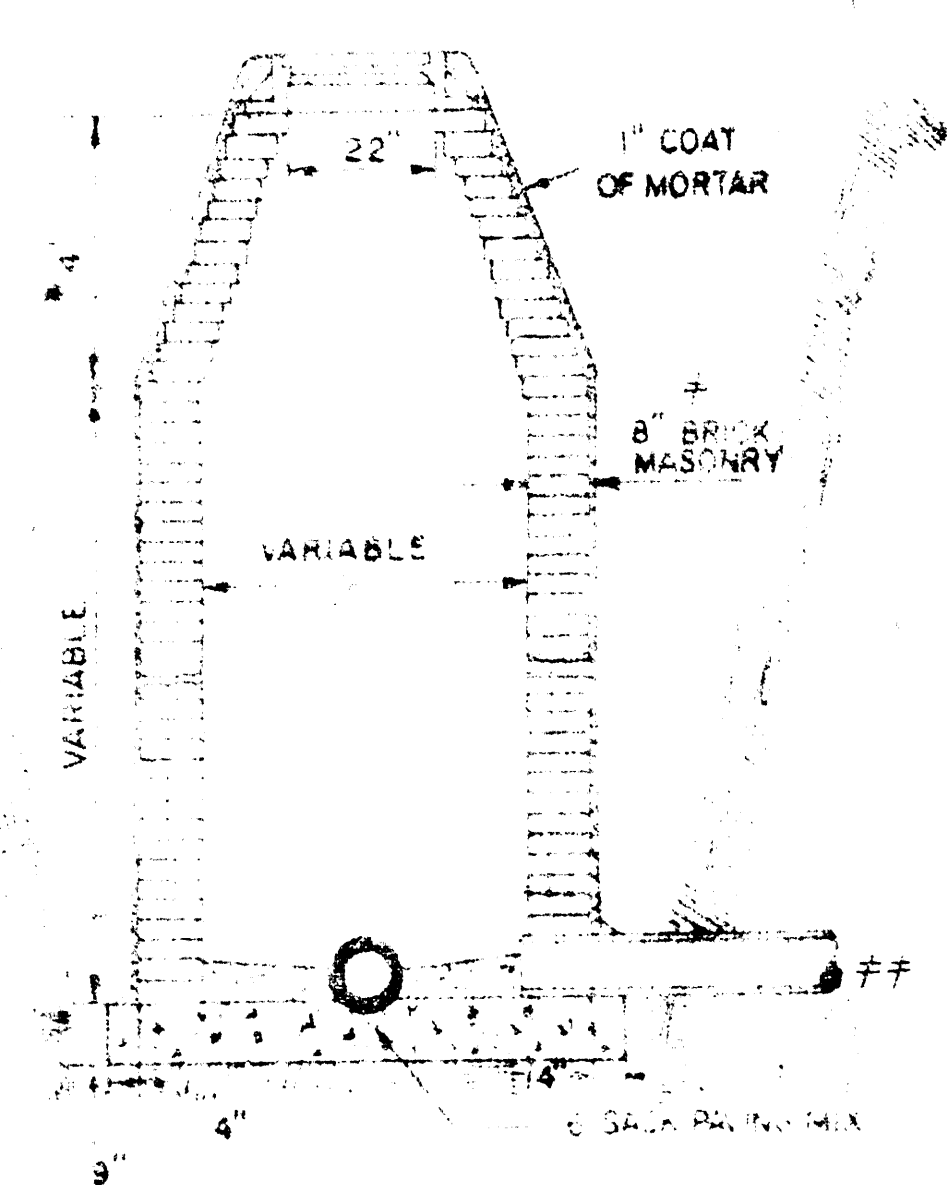


DETAIL A

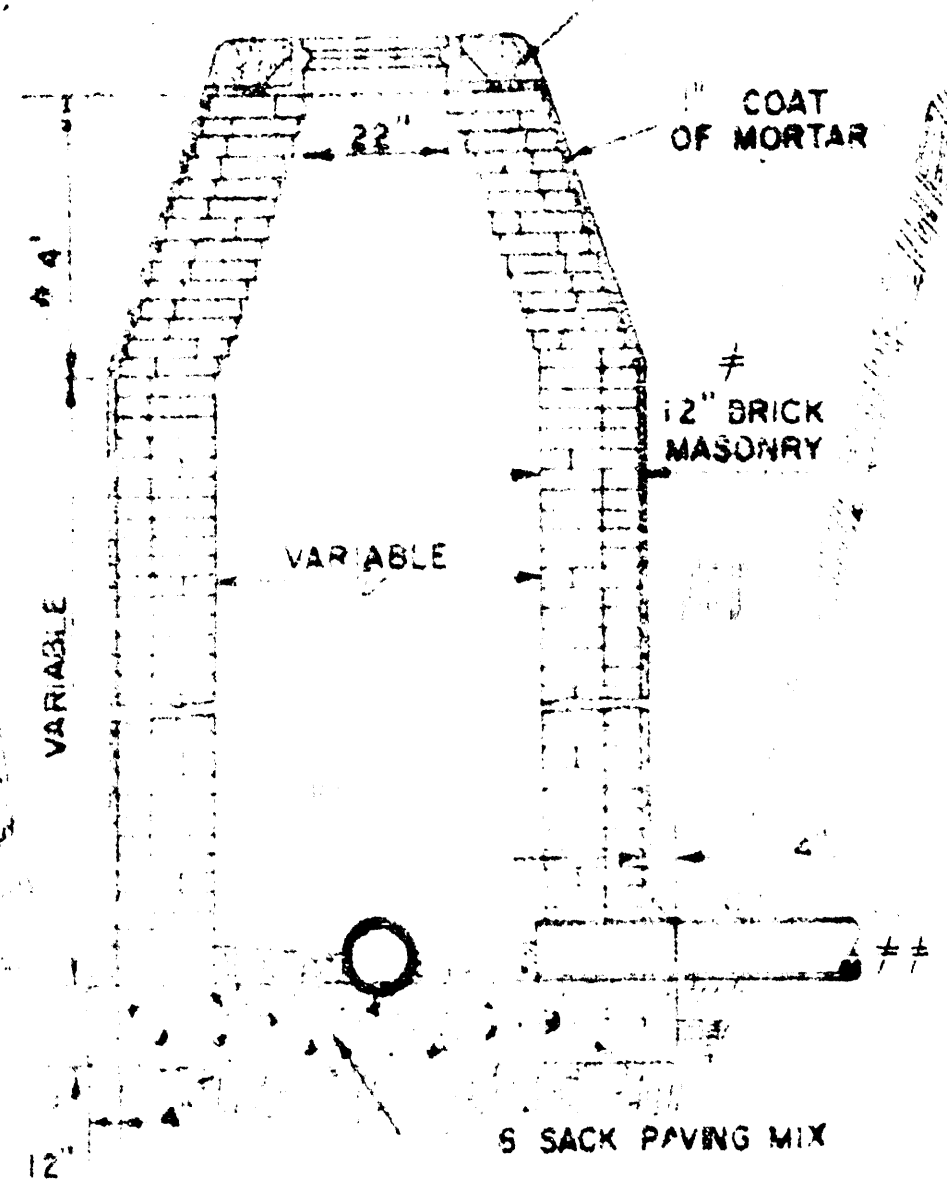




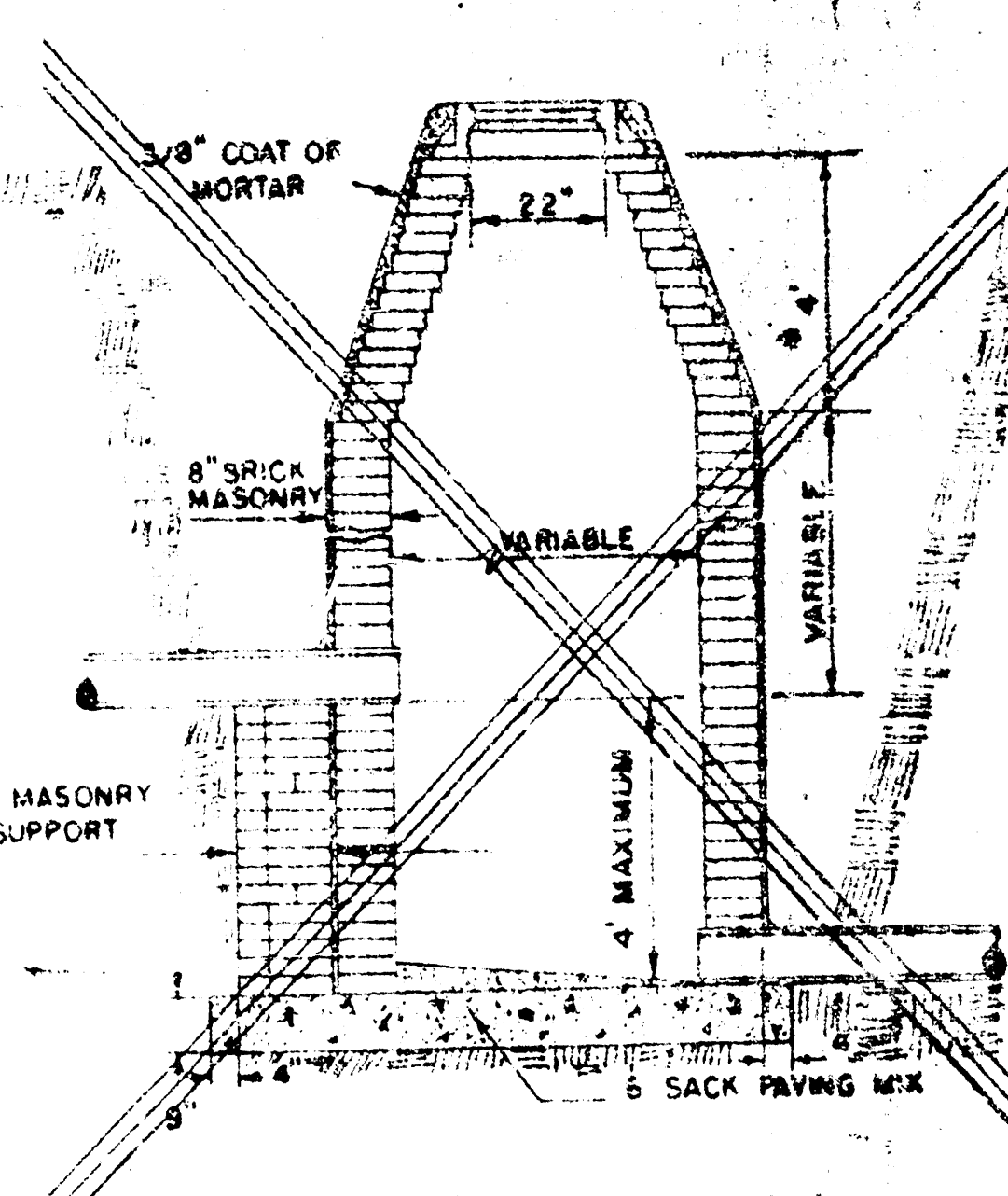
GROUT TO BE PLACED AROUND MANHOLE RING ONLY WHEN MANHOLE IS CONSTRUCTED IN UNPAVED AREAS. (TYPICAL ALL MANHOLES)



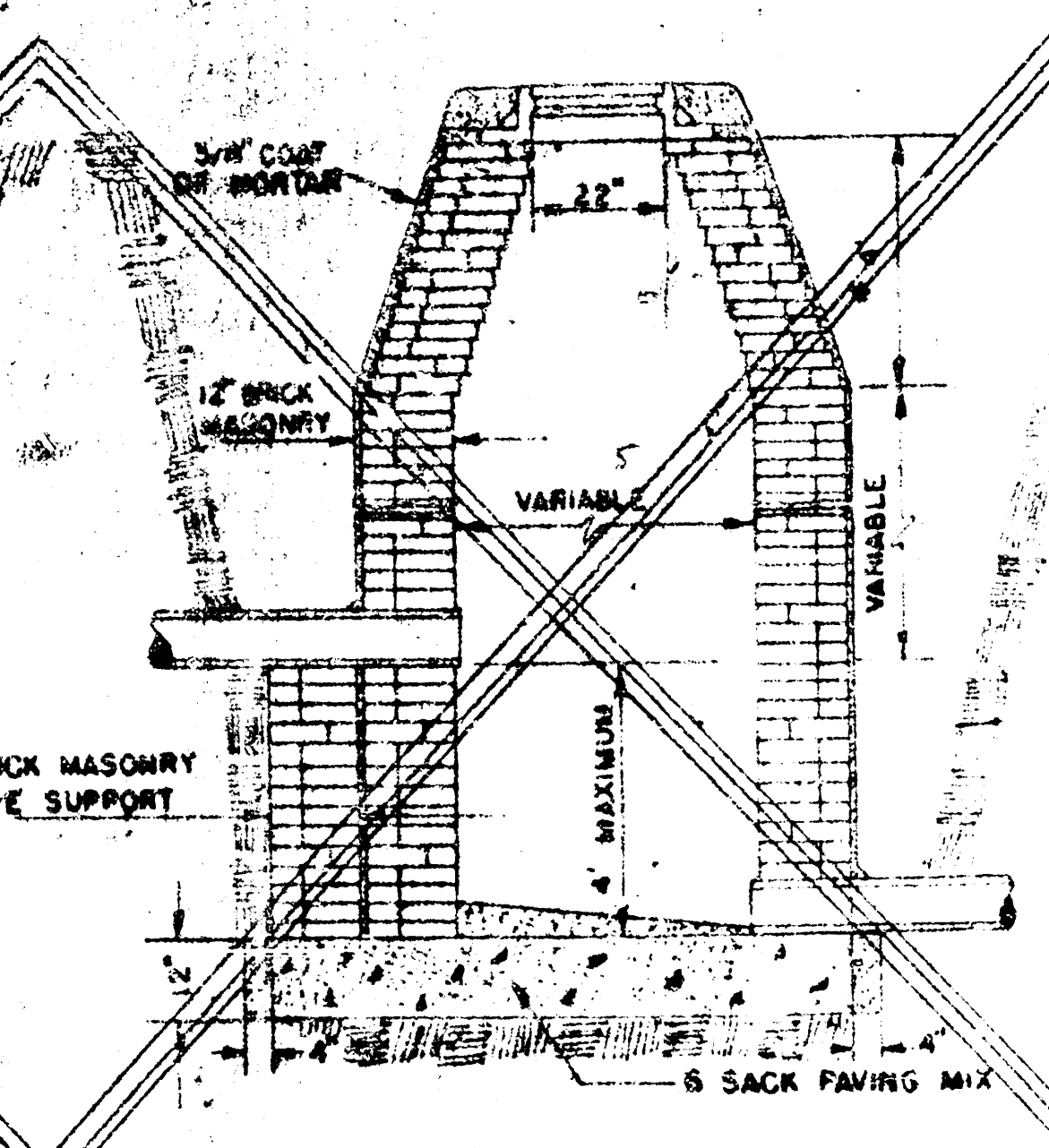
STANDARD MANHOLE TYPE "A"



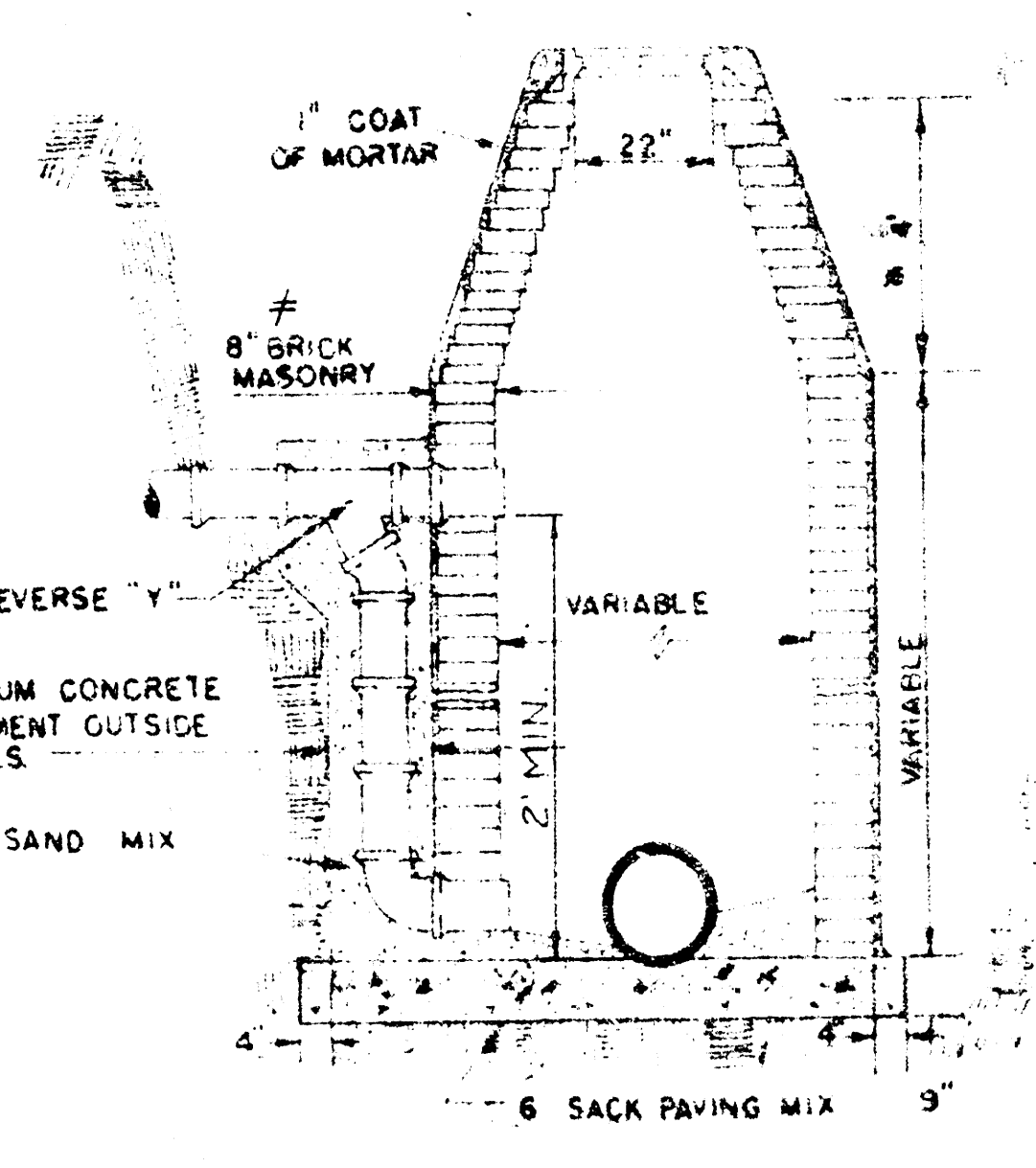
STANDARD MANHOLE TYPE "B"



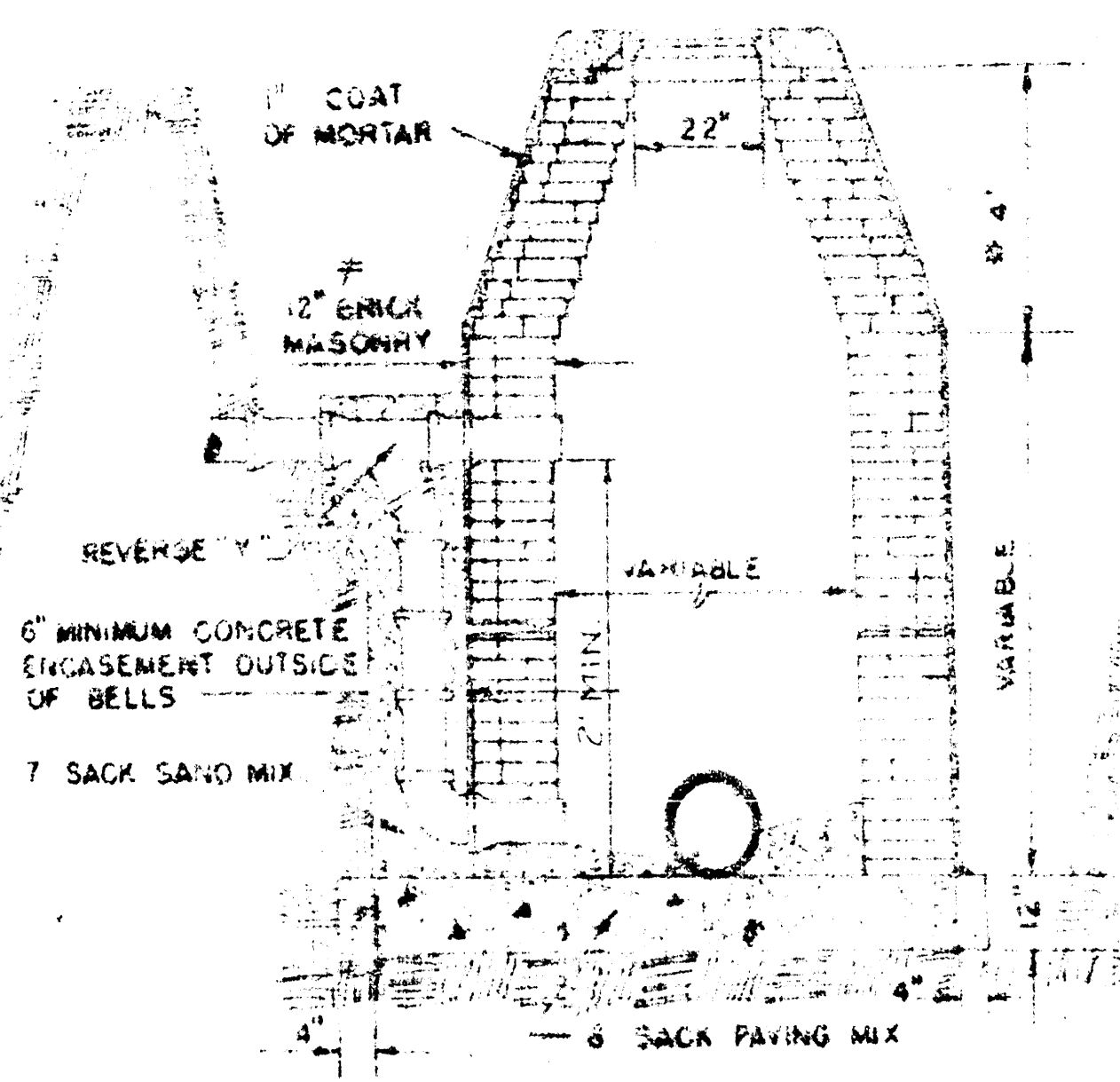
DROP MANHOLE TYPE "A"



DROP MANHOLE TYPE "B"



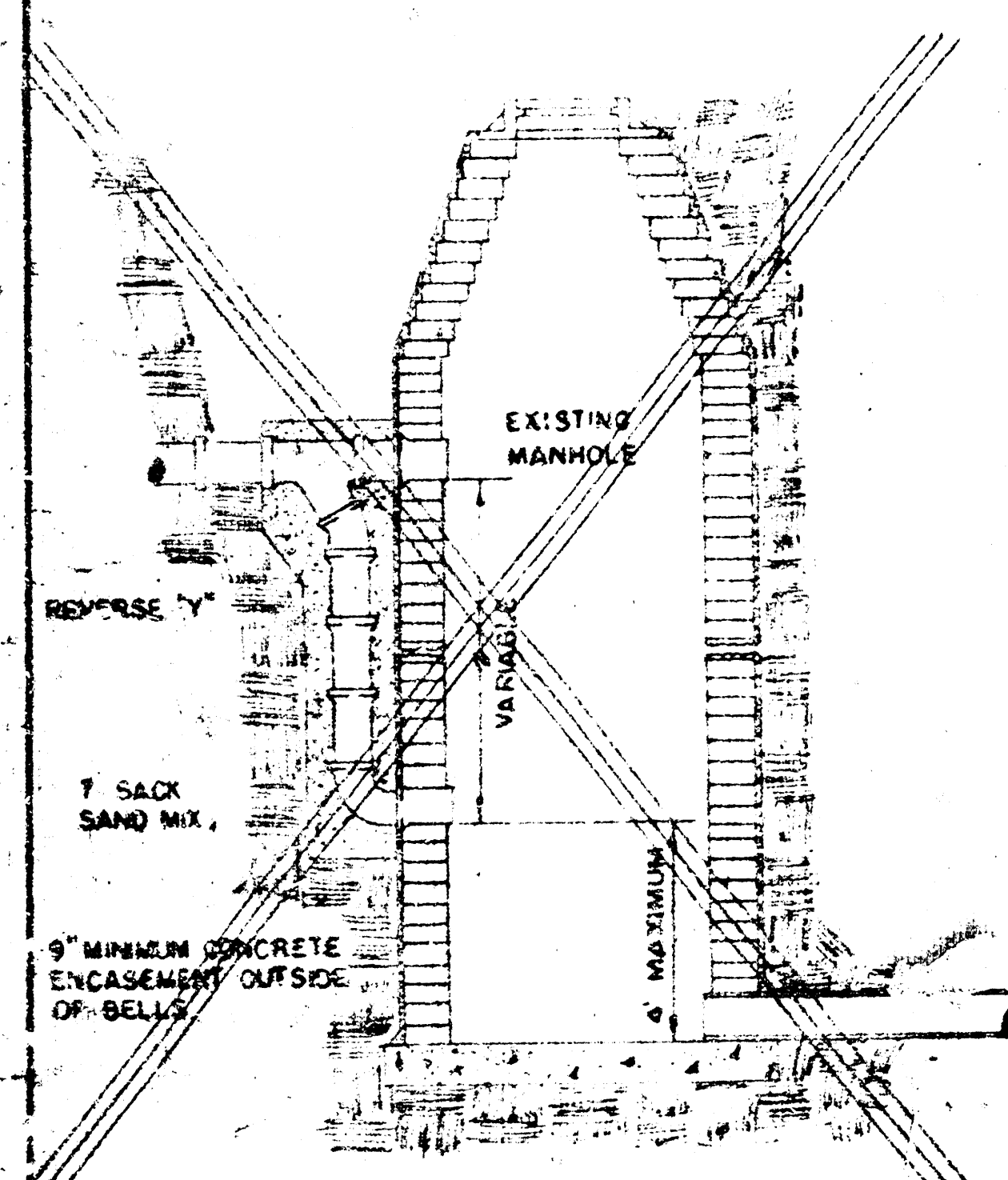
OUTSIDE DROP MANHOLE TYPE "A"



OUTSIDE DROP MANHOLE TYPE "B"

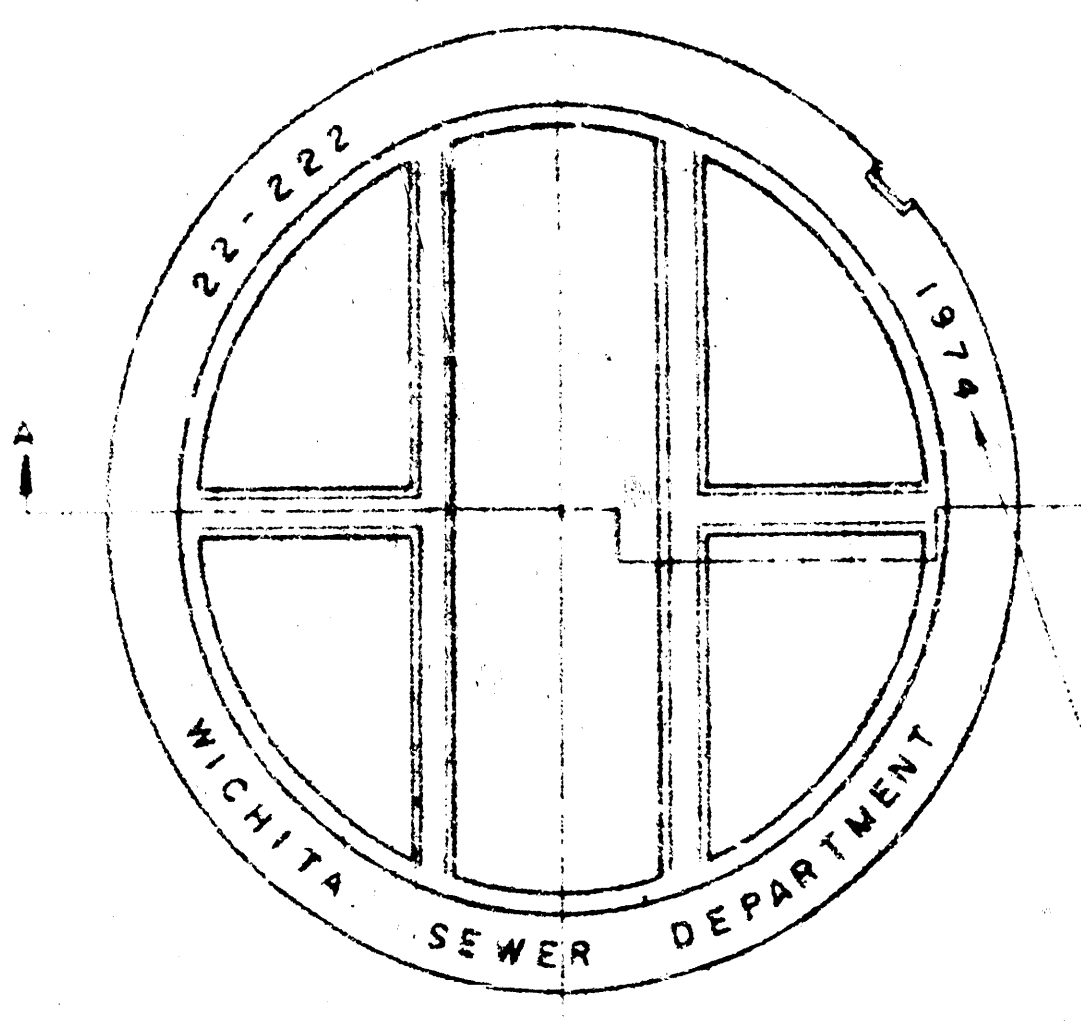
* DRAW = 6' ON 5' DIA. M.H.

NOTE: REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES 6" ABOVE THE BOTTOM. REINFORCING STEEL SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE COST OF REINFORCING STEEL IS TO BE INCLUDED IN THE PRICE BID FOR THE MANHOLE.

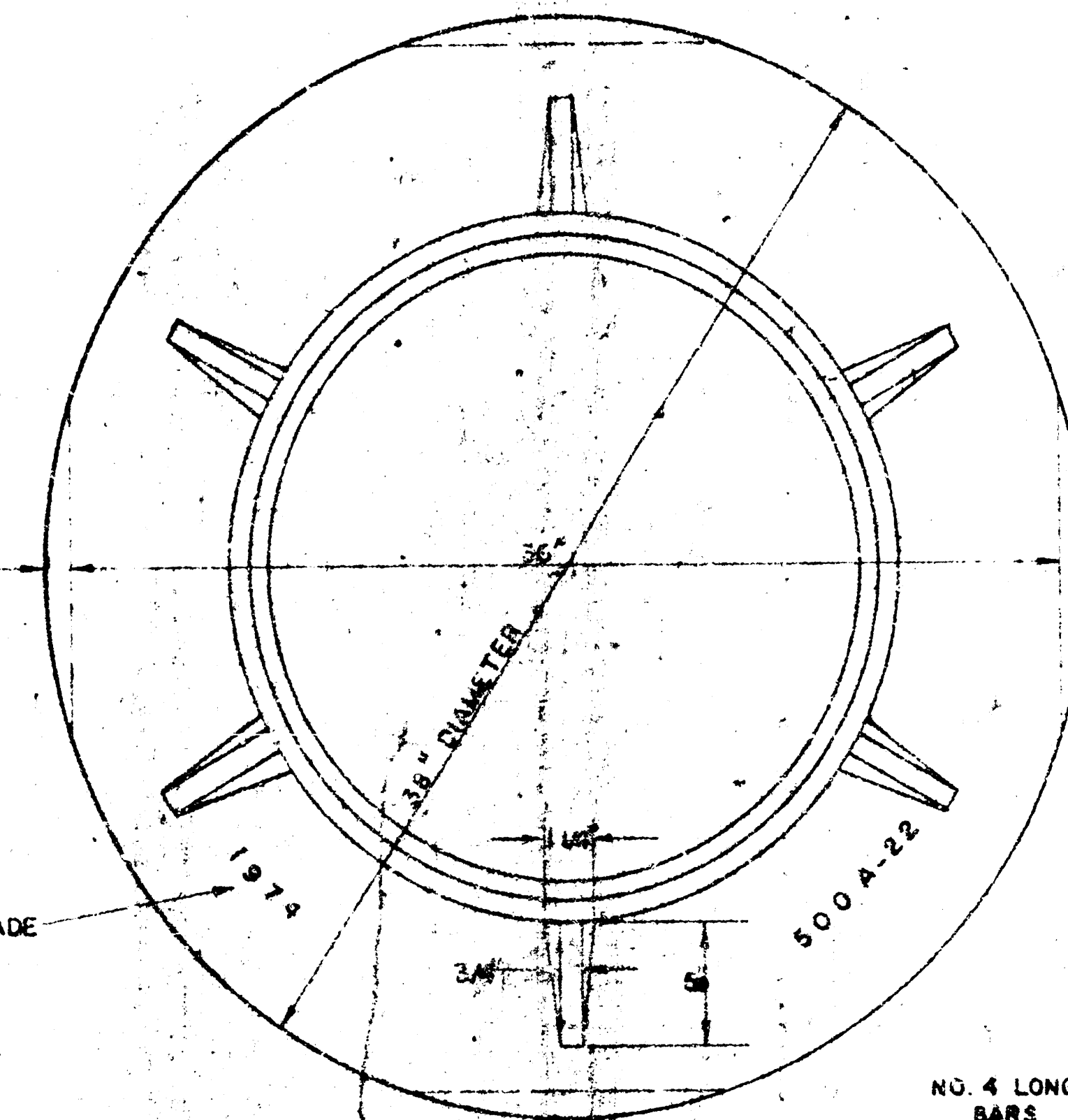


DETAIL OF DROP STACK

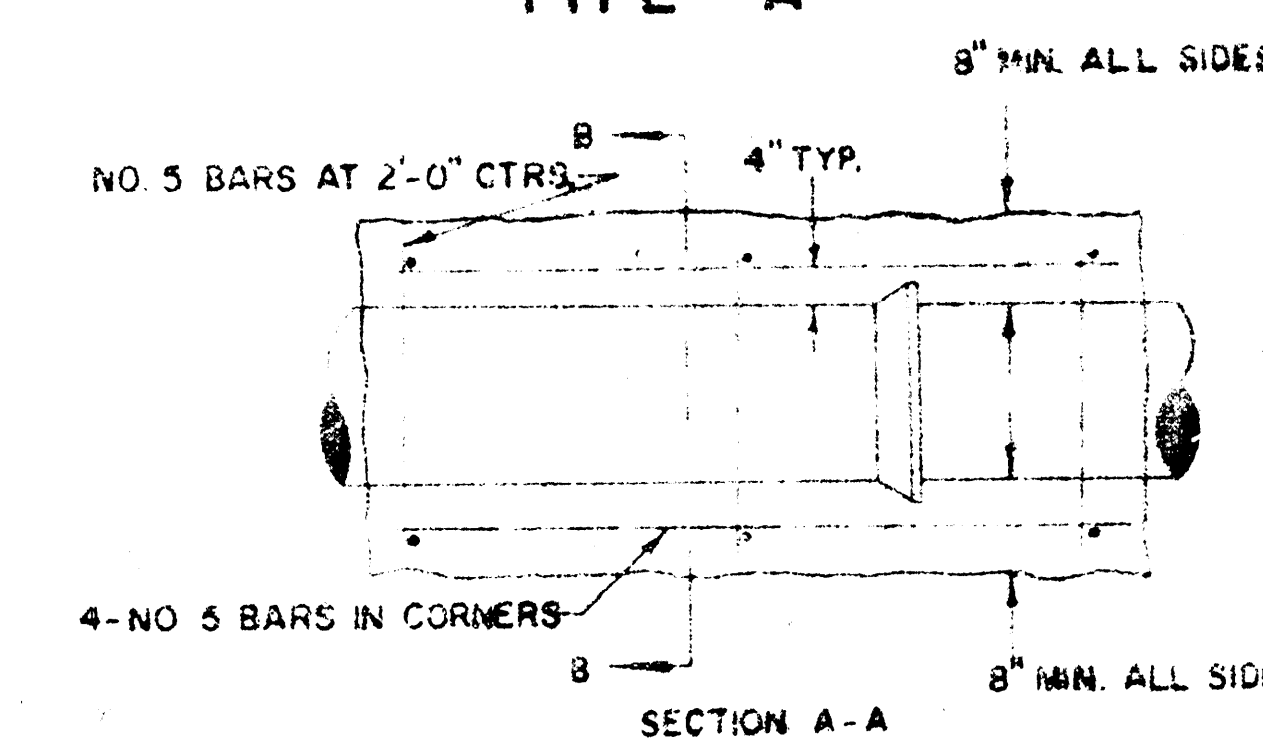
FOR EXISTING MANHOLES IN GROUND WATER



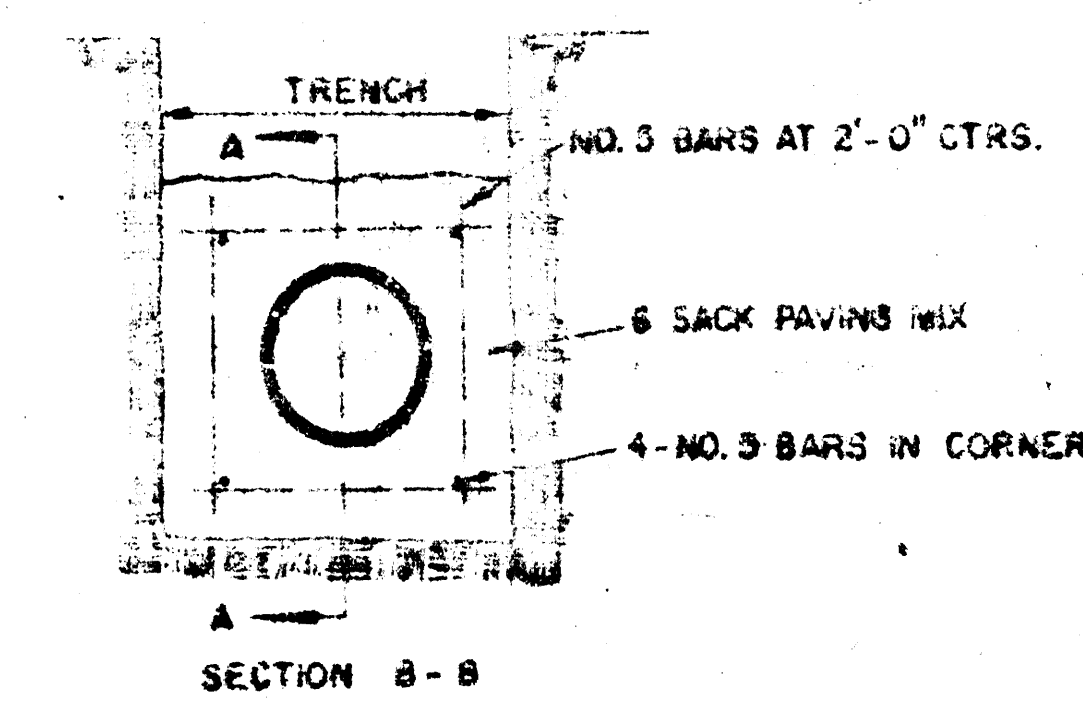
MANHOLE COVER
WEIGHT 110 LBS.



MANHOLE RING
WEIGHT 325 LBS. RING NO. 500A
WEIGHT 800 LBS. RING NO. 500AS



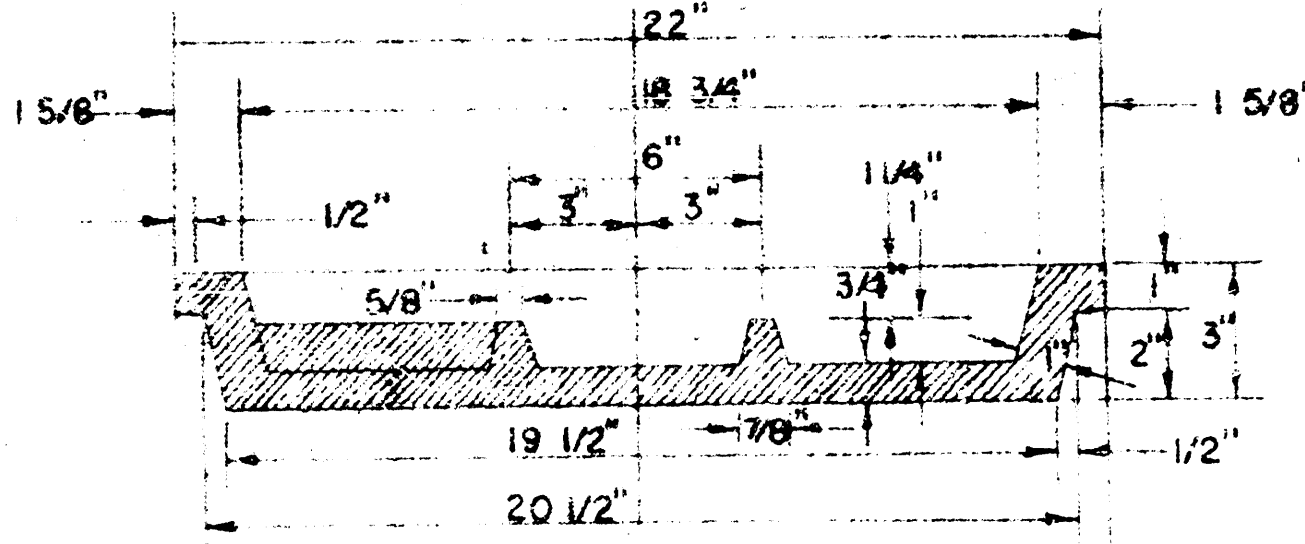
REINFORCED CONCRETE ENCASEMENT



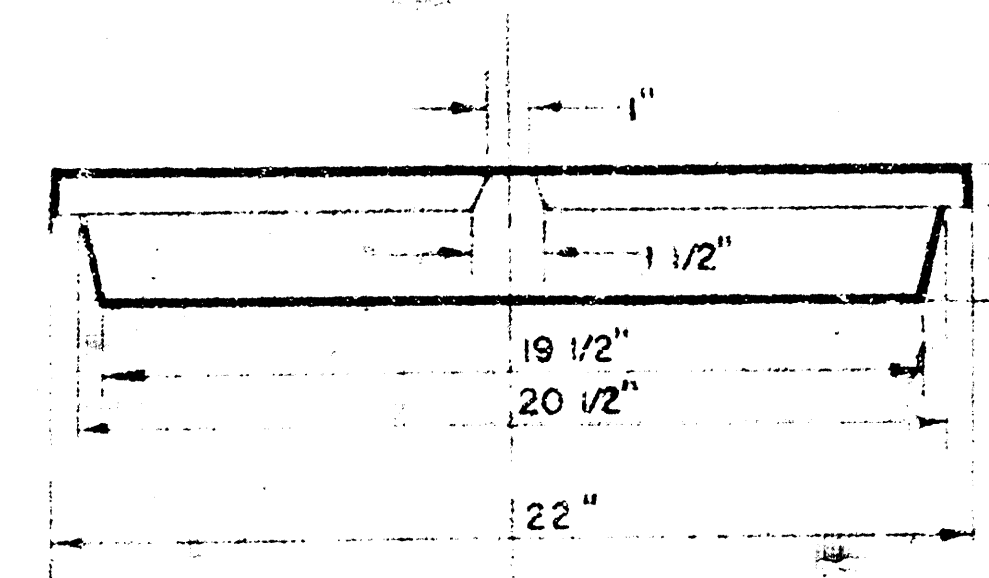
NOTE: CONCRETE ENCASEMENT AND CONCRETE CRADLE SHALL BEGIN AND END AT A JOINT WHEN CLAY PIPE IS USED.
* The minimum manhole wall thickness for brick manholes shall be: at a depth of 0'-16' = 8", at a depth of 16' or greater = 12"
** All sewers constructed of rigid or semi-rigid pipe extending from all manholes shall be encased with concrete for a distance of three feet from the outside wall of the manhole. This support may be deleted if a flexible, watertight gasket is used to connect the sewer to the manhole. No support is required for sewers constructed of flexible pipe.

GENERAL NOTES

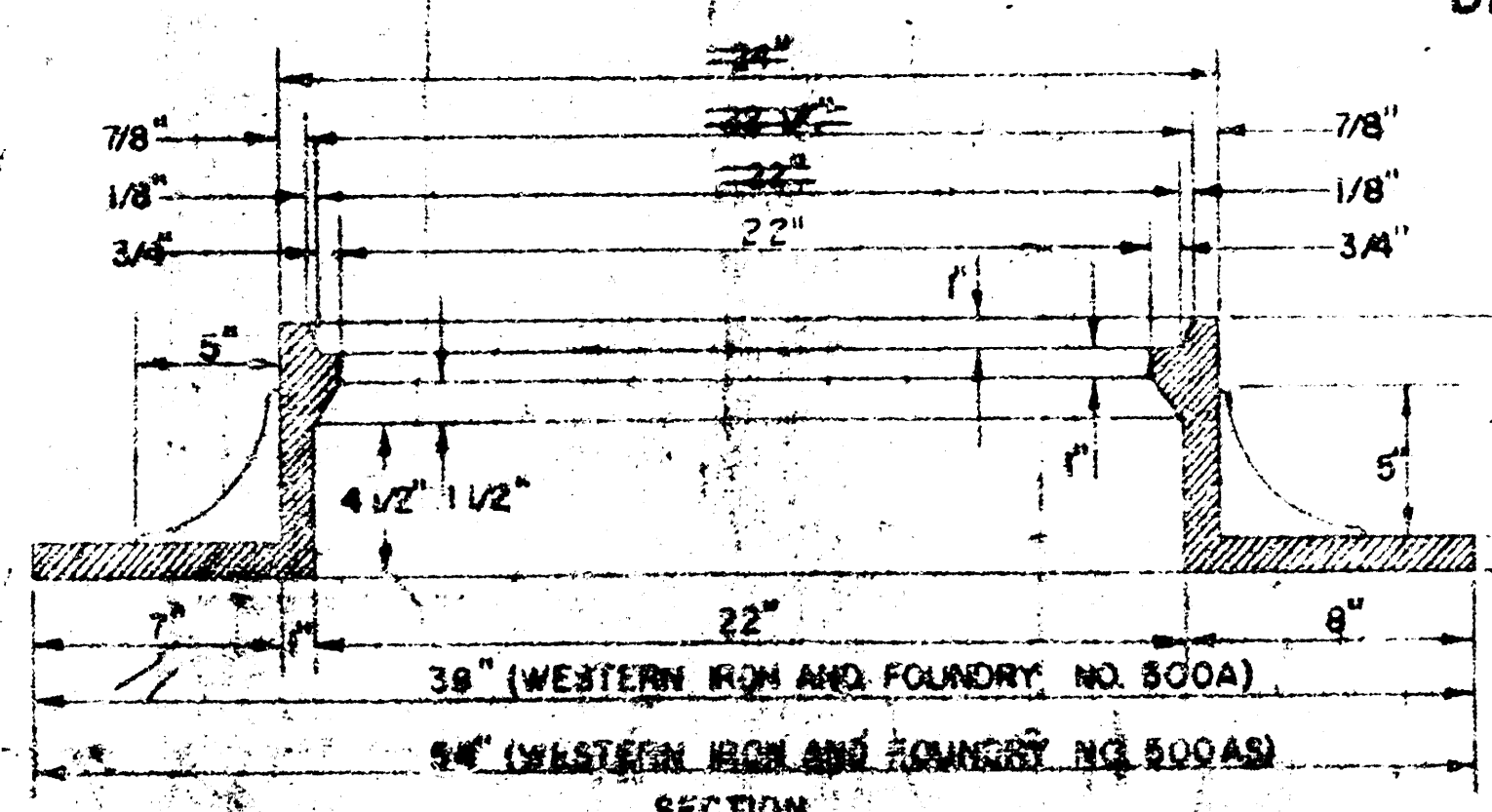
- MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD
- STANDARD MANHOLES TYPE A OR TYPE B, AND STANDARD DROP MANHOLES TYPE A OR TYPE B, SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS SHALL BE 4' UNLESS INDICATED OTHERWISE. MANHOLES WITH PIPE SIZES LARGER THAN 24" SHALL BE 5' DIAMETER
- THE FLOORS OF ALL MANHOLES SHALL BE SHAPED TO INCREASE HYDRAULIC EFFICIENCY USING 8 SACK SAND MIX CONCRETE
- PIPES INSTALLED WITHIN THE MANHOLE EXCAVATION SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. COST OF CRADLE WITHIN MANHOLE EXCAVATION SHALL BE INCLUDED IN THE PRICE BID FOR THE MANHOLE. CRADLE SHALL EXTEND TO FIRST JOINT OUTSIDE OF MANHOLE WHEN CLAY PIPE IS USED.
- CAST-IN-PLACE MANHOLES, AS REFERENCED IN THE SPECIFICATIONS, MAY BE CONSTRUCTED AS AN ALTERNATE TO BRICK MANHOLES PROVIDING THE WALL AND BASE ARE POURED MONOLITHICALLY.



MANHOLE COVER

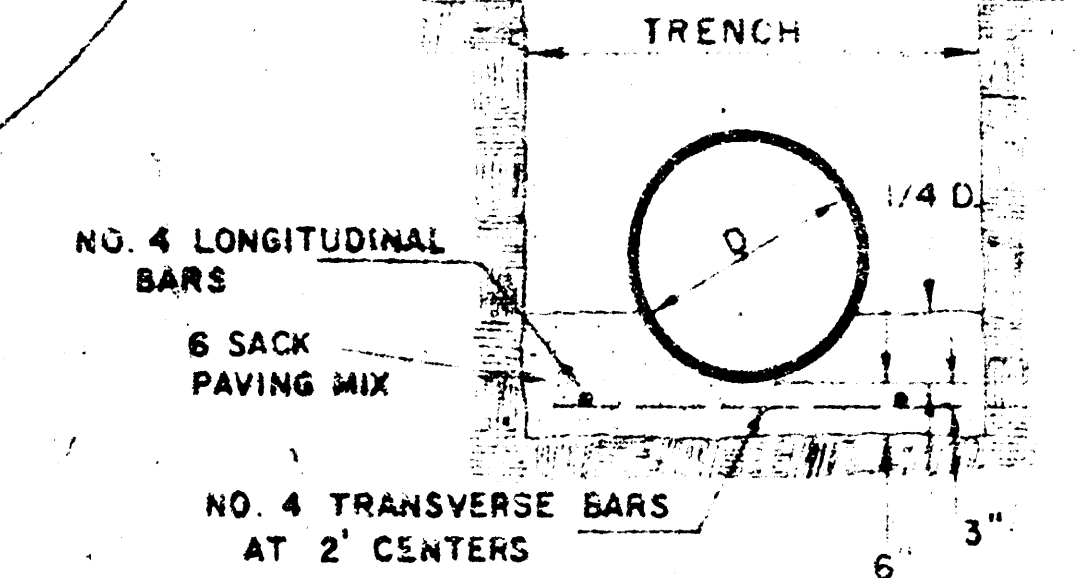


MANHOLE COVER

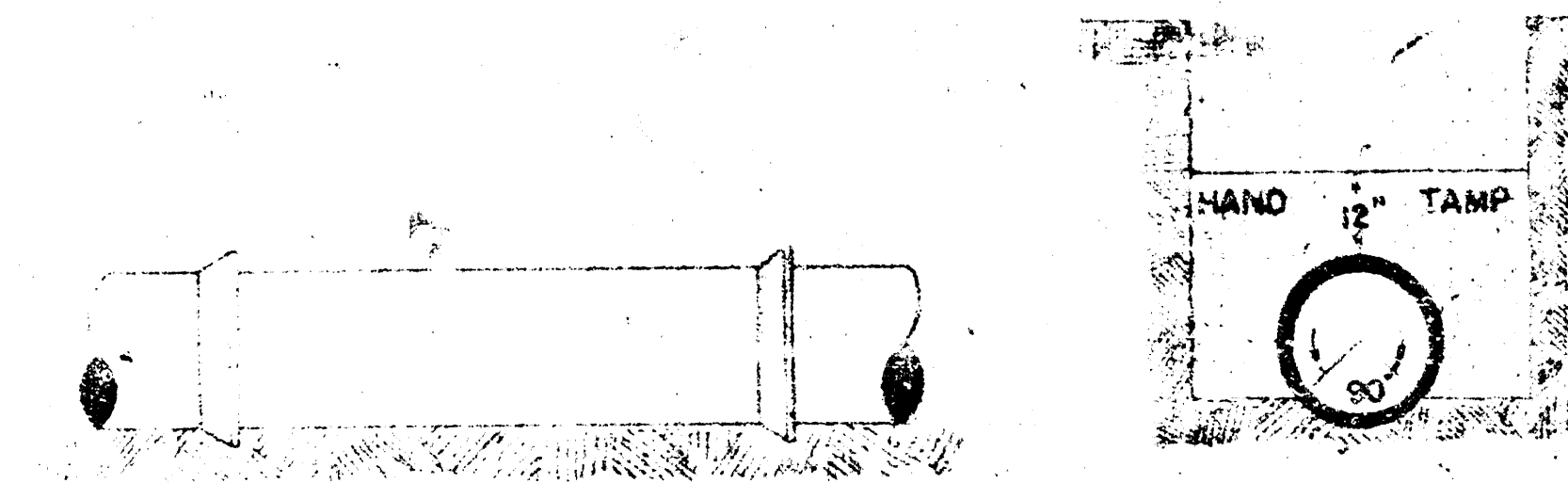


MANHOLE RING

OUTSIDE CIRCUMFERENCE OF COVER AND THE INNER FACE AND SEAT OF RING TO BE MACHINE FIT.



DETAIL OF CONCRETE CRADLE

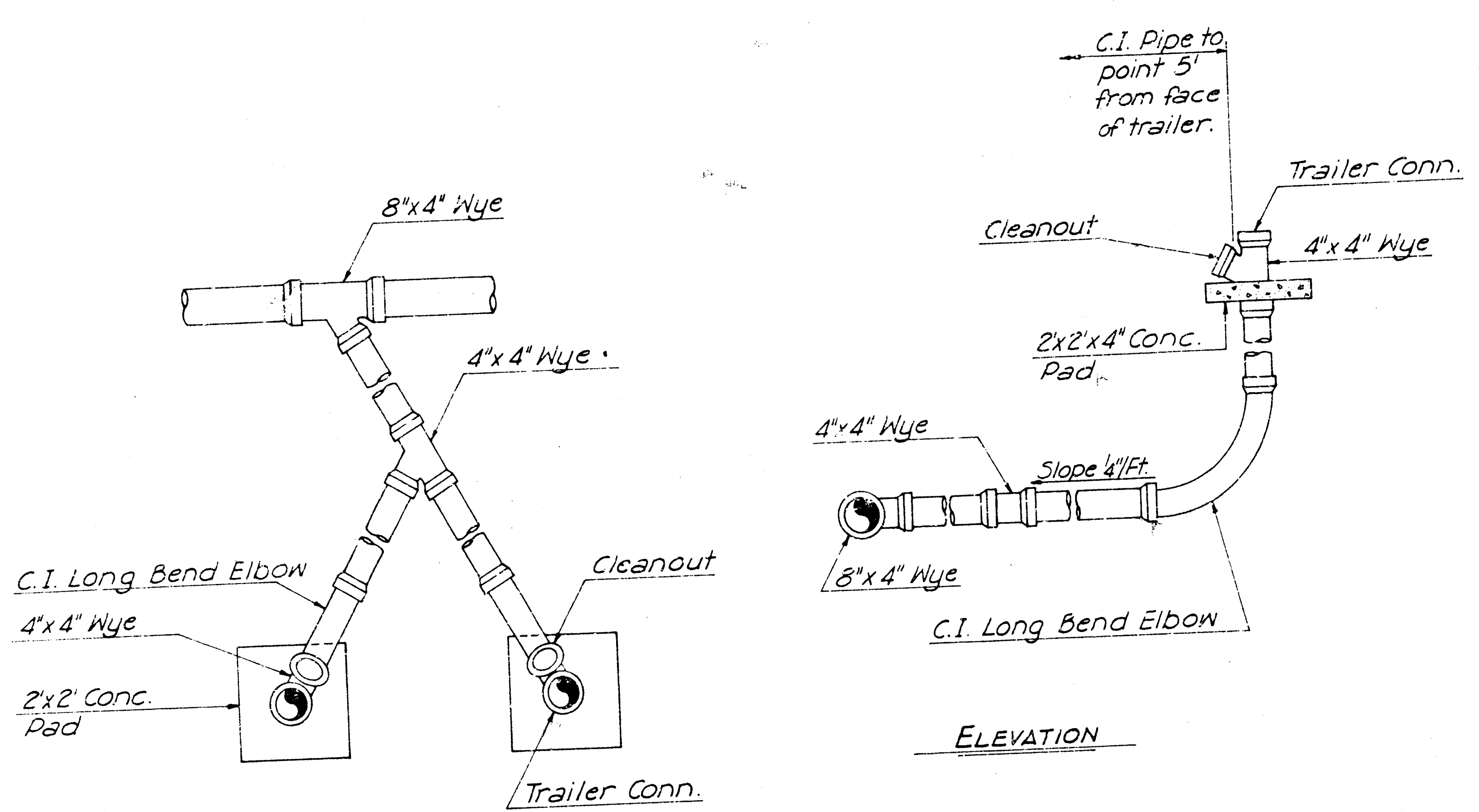


ORDINARY BEDDING METHOD *

STORM SEWER PIPE
* IMPROVED BEDDING FOR ABS PIPE
SHALL CONFORM TO ASTM D2321-74.

REVISED 4-13-77
DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGINEER
1974

249-D-208



TYPICAL SERVICE CONNECTION
This drawing for information only.
Individual service connections for
mobile homes will be by separate
contract.

TABLE OF MANHOLES		
MANHOLE IDENTIFICATION	TYPE	DESCRIPTION
A-1	A	STANDARD
A-2	A	STANDARD
A-3	A	STANDARD
A-4	A	STANDARD
A-5	A	STANDARD
A-6	A	STANDARD
A-7	A	STANDARD
A-8	A	STANDARD
A-9	A	STANDARD
A-10	A	STANDARD
A-11	A	STANDARD
A-12	A	STANDARD
A-13	A	STANDARD
A-14	A	STANDARD
A-15	A	STANDARD
A-16	A	STANDARD
A-17	A	STANDARD
A-18	A	STANDARD
A-19	A	STANDARD
A-20	A	STANDARD
A-21	A	STANDARD
A-22	A	STANDARD
A-23	A	STANDARD
A-24	A	STANDARD
A-25	A	STANDARD
A-26	A	STANDARD
A-27	A	STANDARD
A-28	A	STANDARD
A-29	A	STANDARD
A-30	A	STANDARD
A-31	A	STANDARD
A-32	A	STANDARD
A-33	A	STANDARD
A-34	A	STANDARD
A-35	A	STANDARD
A-36	A	STANDARD
A-37	A	STANDARD
A-38	A	STANDARD
A-39	A	STANDARD
A-40	A	STANDARD
A-41	A	STANDARD
A-42	A	STANDARD
A-43	A	STANDARD
A-44	A	STANDARD
A-45	A	STANDARD
A-46	A	STANDARD
A-47	A	STANDARD
A-48	A	STANDARD
A-49	A	STANDARD
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A-55	A	STANDARD
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A-59	A	STANDARD
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A-61	A	STANDARD
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A-63	A	STANDARD
A-64	A	STANDARD
A-65	A	STANDARD
A-66	A	STANDARD
A-67	A	STANDARD
A-68	A	STANDARD
A-69	A	STANDARD
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A-81	A	STANDARD
A-82	A	STANDARD
A-83	A	STANDARD
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A-89	A	STANDARD
A-90	A	STANDARD
A-91	A	STANDARD
A-92	A	STANDARD
A-93	A	STANDARD
A-94	A	STANDARD
A-95	A	STANDARD
A-96	A	STANDARD
A-97	A	STANDARD
A-98	A	STANDARD
A-99	A	STANDARD
A-100	A	STANDARD

General Notes

This project shall be constructed in accordance with the latest specifications for Sanitary and Storm Sewers of the City of Wichita, Kansas, and as otherwise indicated on notes to the plan, and all construction shall conform to the standards of Design and Construction of Sanitary and Storm Sewers, effective September, 1970. Wherever the specifications of the City of Wichita Standards conflict with the American Standards, the City Standards shall govern.

All sanitary sewer construction shall be constructed in accordance with the standards of Design, Chapter VI, Sections 1.1, 1.2 and 1.3.

All sanitary sewer construction shall be constructed in accordance with the standards of Design, Chapter VI, Section 1.4 and 1.5.

Excavation, backfill and on flusings will not be paid for separately, the cost of this work will be included in the unit price for sewer pipe.

All manholes shall be constructed in accordance with the standards of Design, Chapter VI, Section 1.6 and 1.7.

Excavation, backfill and on flusings will not be paid for separately, the cost of this work will be included in the unit price for sewer pipe.

All manholes shall be constructed in accordance with the standards of Design, Chapter VI, Section 1.6 and 1.7.

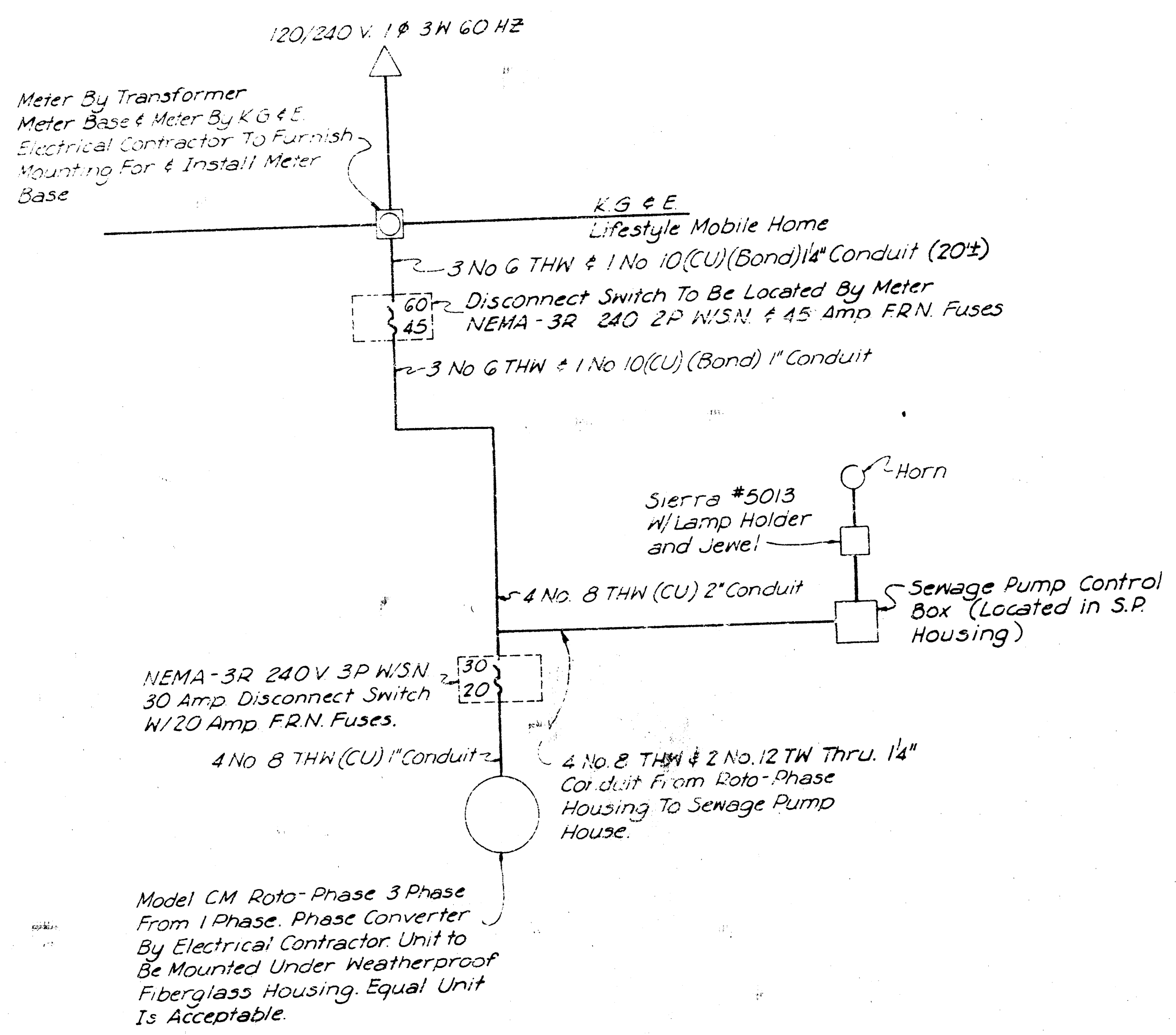
Excavation, backfill and on flusings will not be paid for separately, the cost of this work will be included in the unit price for sewer pipe.

SUMMARY OF QUANTITIES		
ITEM	QUANTITY	UNIT
4" PVC	760	LF
4" ABS Solid Wall Pipe	100	LF
8" ABS Truss Pipe	7,121.4	LF
Reinf. Conc. Encasement	140	LF
Type A Standard Manhole	26	Each
Type A Outside Drop Manhole	9	Each
Wet Well Mounted Sewage Pump Lift Station	Lump Sum	L.S.

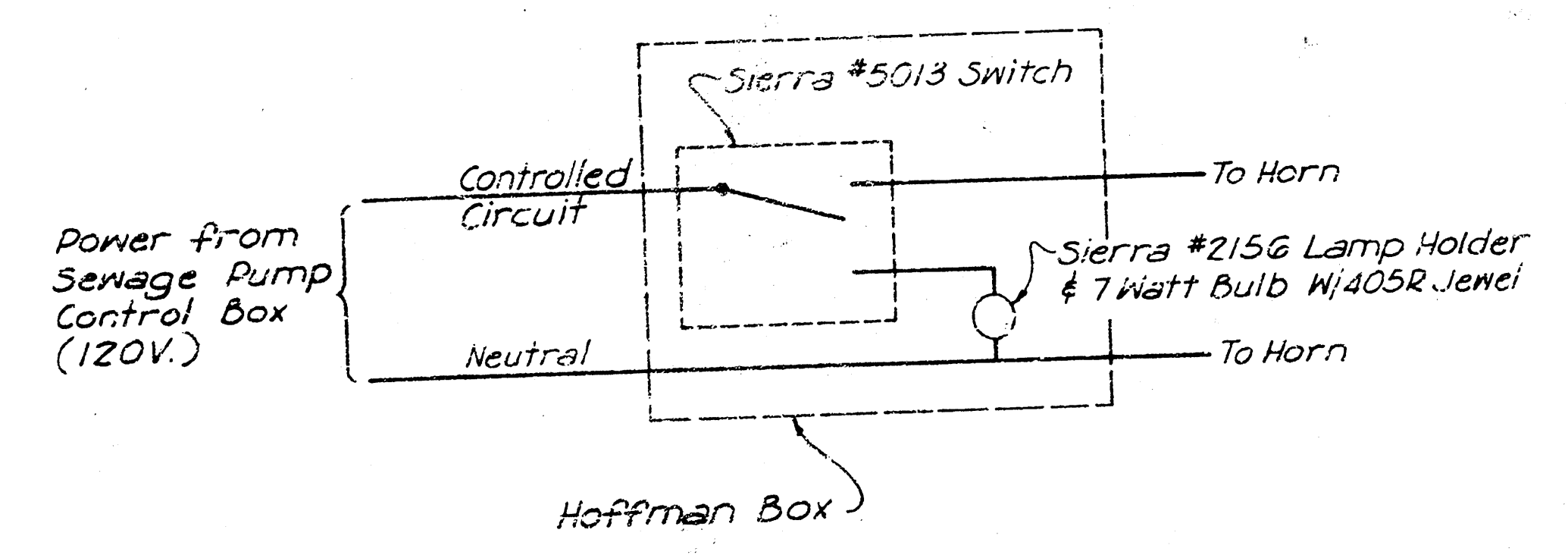
ENVIRONMENTAL ENTERPRISES INC.
CECIL MASTERS, PRES.; PAUL TREADWELL, SEC.-TREAS.
LIFESTYLE MOBILE HOME PARK
AUXILIARY DETAILS

DELAWARE R. FREUND & ASSOCIATES, P.A.
ENGINEERS & ARCHITECTS
WICHITA, KANSAS

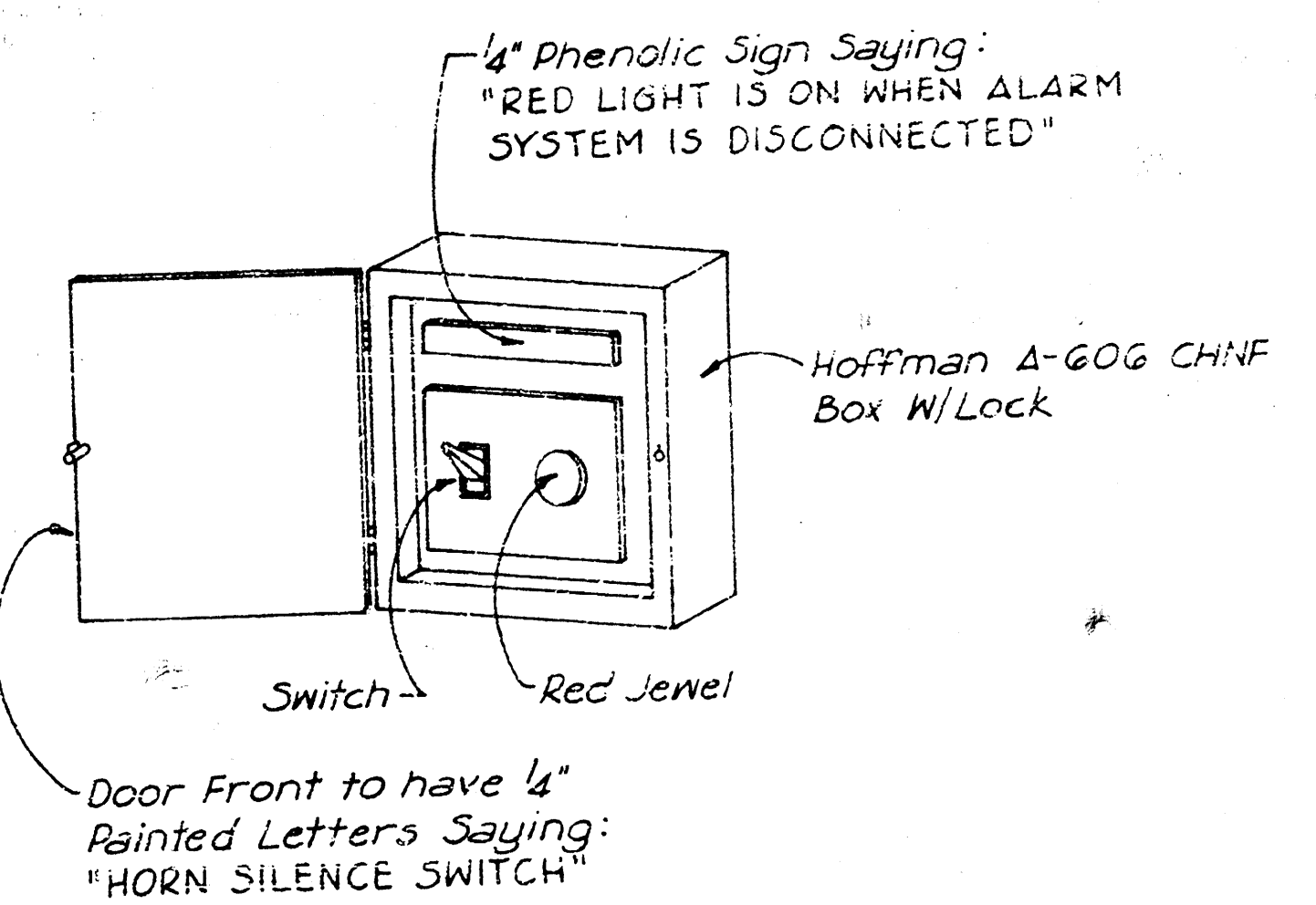
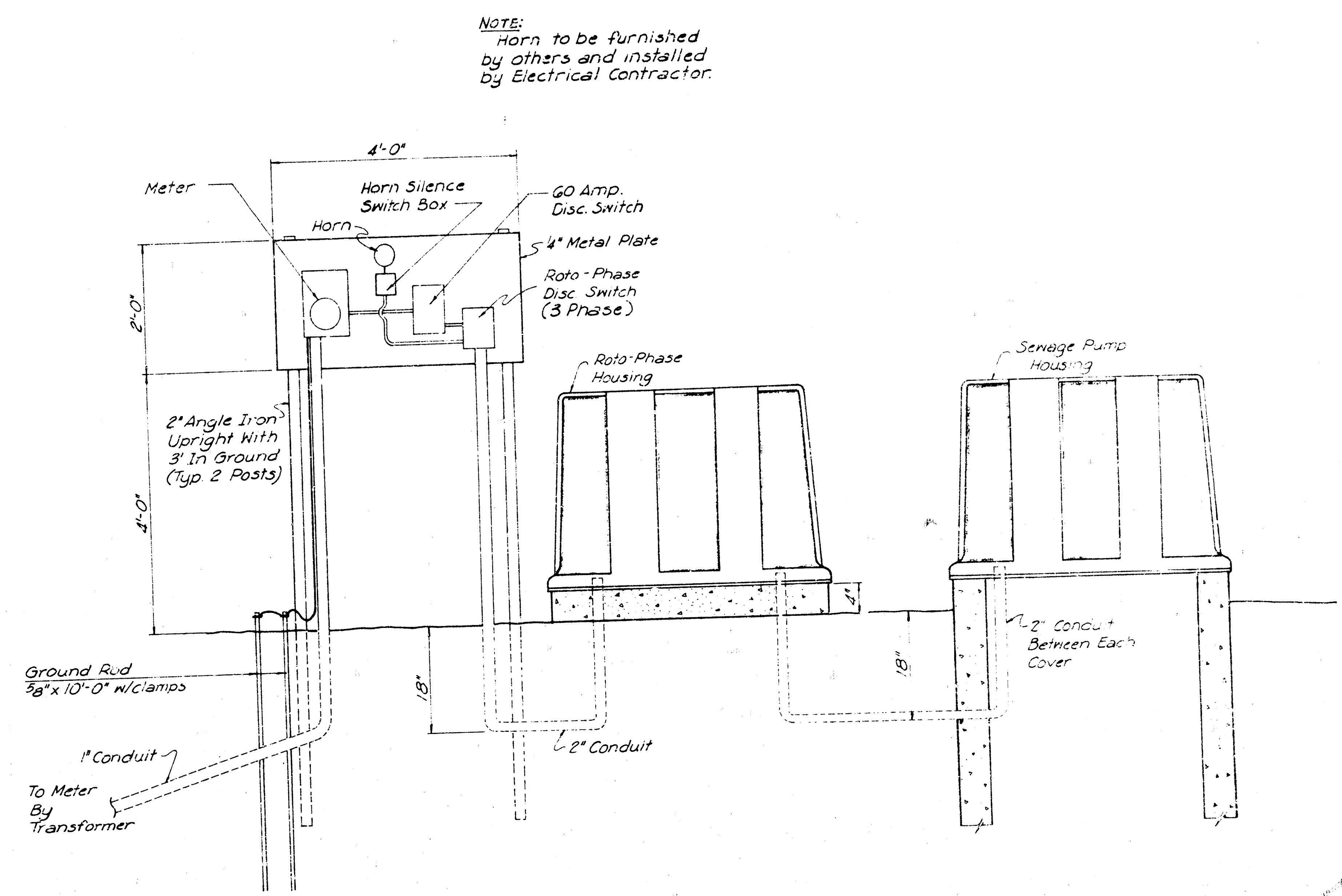
SCALE: _____ DATE: December 1978 DWG. NO. 249-D-209



ONE LINE DIAGRAM



HORN SILENCE SWITCH WIRING DIAGRAM



HORN SILENCE SWITCH BOX DETAIL

ENVIRONMENTAL ENTERPRISES INC. CECIL MASTERS, PRES.; PAUL TREADWELL, SEC.-TREAS.	
LIFESTYLE MOBILE HOME PARK	
ELECTRICAL DETAILS	
DZ	DELAMATER, FREUND & ASSOCIATES, P.A. ENGINEERS & ARCHITECTS WICHITA, KANSAS
SCALE	DATE December 1978 DWG. NO. 245-D-210