PLATE 1-PLAN-PROFILE C.T.S.A.R.E. STANDARD
KEUFFEL & ESSER CO. NEW YORK.
K & E CO. No. 348-10
Cat. No. 46/9

D-9

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
PT. OF WAY CHECKED
STRUCTURE NOTATNS. CHKD.
NOTE BOOK NO.
BY
DATE

EXIST HEADWALL TO BE RECONSTRUCTED BY OTHERS

ULTIMATE FILL GRADE

EXIST. GROUND

60" RCP STORM DRAIN

0.160 "/o

899.00

834.40 FL

768.28 FL

RAILROAD S.P.R.R. CULVERTS

W.H. 3+25

903.25 FL

4.09

903.25 FL

6" S.D. SLOPE CONNECTION (ENCASE 6" STORM DRAIN WITH CONCRETE HORIZONTAL WITH STORM DRAIN, CONSTRUCTION BY SUBDIVIDER)

1+53.76

END STA. 2+20 903.80

JUNC. 24" 906.88

GAS 6.00 WATER 6.00

EXIST 30" PIPE

90.41 FL 0.100 FL

EXIST GROUND

GRADE FOR 50' TO MEET NEW FLOW LINE BY CITY

24" DRAIN

0.08% F.L. 54 R.C.P.

64" PRIVATE STORM DRAIN

0.50 %

904.78 FL

SCALES: HOR. 1" = 50'
VERT. 1" = 5'

B.M. RR SPIKE IN P.P. NO. 10706 J
EL. 915.58
B.M. P.K. NAIL IN SOUTHERLY CURB MASS 906.11

F.B. 606-1, 638-1

ANCHORS TO BE MADE FROM 1 1/2" x 2" STRAP IRON

GROUND

HORIZONTAL REDWOOD 6"x6"x5' DEADMAN

ANCHOR

5/8" ø STEEL BOTHWAYS

VERTICAL REDWOOD 6"x6"x5' DEADMAN EACH SIDE

ANCHOR

VOID

SECTION
LIN. = 4 FT. BOTHWAYS

3 ANCHORS

5/8" ø VERT. STEEL

ANCHORS

4-8"x12" CONC. BLOCKS

DETAIL OF HEADWALL
LIN. = 4 FT. BOTHWAYS
ELEVATION

915
910
905
900
895

8 7 6 5 4 3 2 1 0

EXISTING HEADWALL ELEVATION
SCALE 1" = 4'

HEADWALL & TRANSITION STRUCTURE
SCALE 1" = 4'

SW 1/4, NE 1/4, NE 1/4 SECTION 24 T2S R5W

1/2" ø STIRRUPS, 2'-0" C. to C.

4 — 1/2" DIA. LONGITUDINAL STEEL RODS IN CORNERS.

ALTERNATE: 30"-8 GA. STEEL CASING FILLED WITH SAND.

2 1/2" CLEAR TYPICAL

ENCASEMENT DETAIL

SCALE: 1" = 50'

NOTE: IT WILL BE NECESSARY TO INSTALL 78" (MAX.) O.D. PIPE SECTION OVER SEWER ENCASEMENT.

PIPE STRENGH AND INSTALLATION TO MEET REQUIREMENT OF SPRR. ACROSS R.R. R/W

20' EASEMENT
60" REINFORCED CONC. PIPE

M.H. 3+25

℄ OF EASEMENT

TO BE RECONSTRUCTED BY OTHERS

SOUTHERLY LINE OF THE S1/2 OF THE SW1/4 OF THE NE1/4 OF THE NE1/4 OF SECTION 24

MASSACHUSETTS

EXISTING CURB

PROPOSED PROPERTY LINE
CONST. 15" DRAIN
PROPERTY LINE
℄ Survey Line
EXIST. 30" RCP

SEWER FLOW LINES AT ENDS OF 12 FT. ENCASEMENT

DURAHART

25' 25'

33' 33'

M.H. M.H.

EXIST. 24" DRAIN

EXIST. 8" W.

AVE.

EXIST. 30" RCP - FILL & PLUG

REMOVE EASTERLY 20'

FOR JUNCTION BOX SEE PLAN D-27

105.31'
102.09'
1.20%
3.5%
EXCESS FILL 2.5%
76.64'
1.50 %
28-08-30"
(PLAN R-1 SH. 1) 12" SEWER
3" GAS 10" W.
44'
66" RCP WITHIN 7' R/W TO BE 1.50 C.M.P.
EXIST. 30" RCP
EXIST. 24" DRAIN
EXIST. 8" W.
EXIST. 6" W.
EXIST. 12" W.
EXIST. 8" W.
EXIST. 6" W.
EXIST. 8" W.
EXIST. 6" W.
EXIST. 8" W.
EXIST. 6