STORM WATER SEWER NO. 141

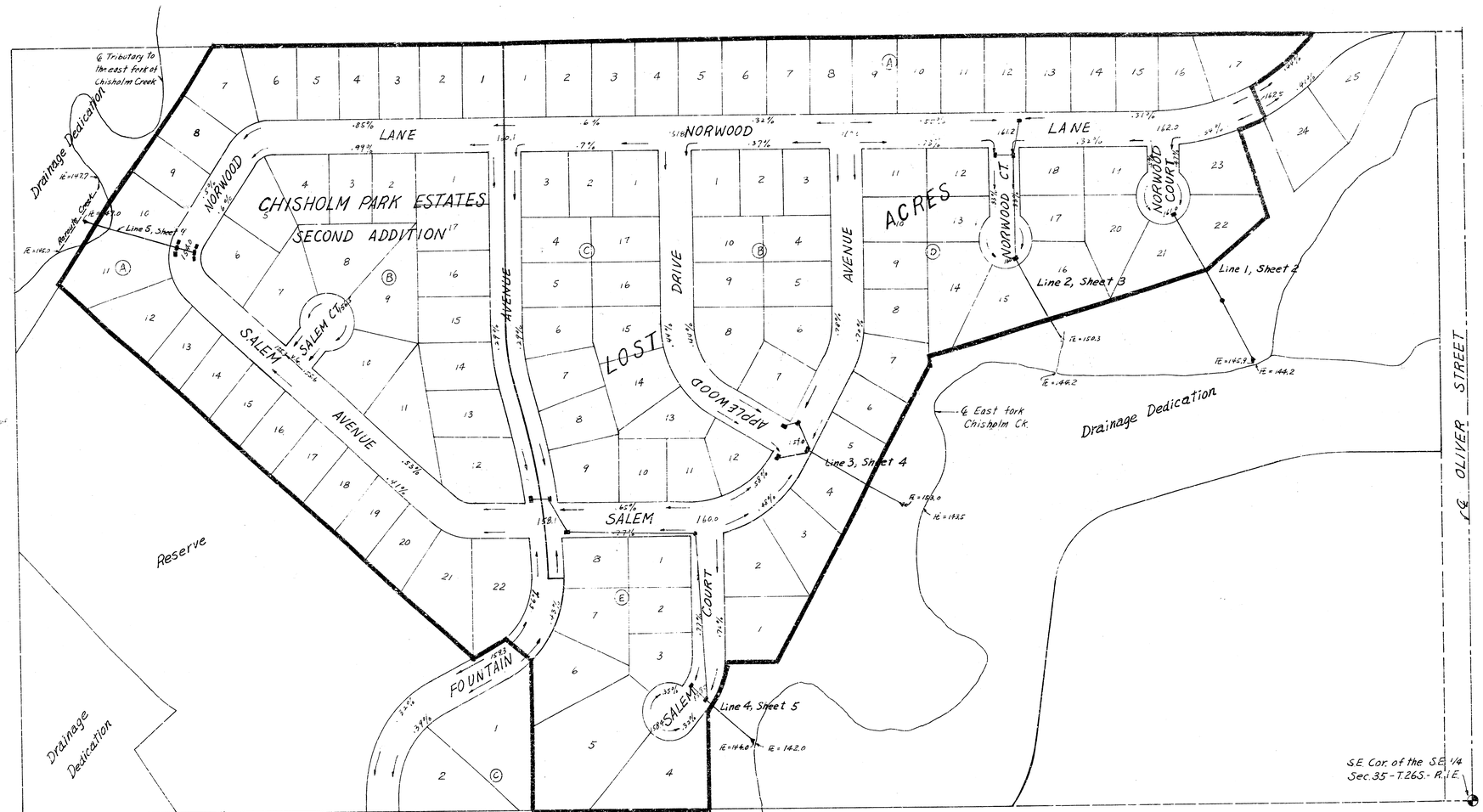
CITY OF WICHITA, KS.

DEAN SELLERS – ACTING CITY ENGINEER

PROJECT NO. 468 76 245 80596 000 000 001

N

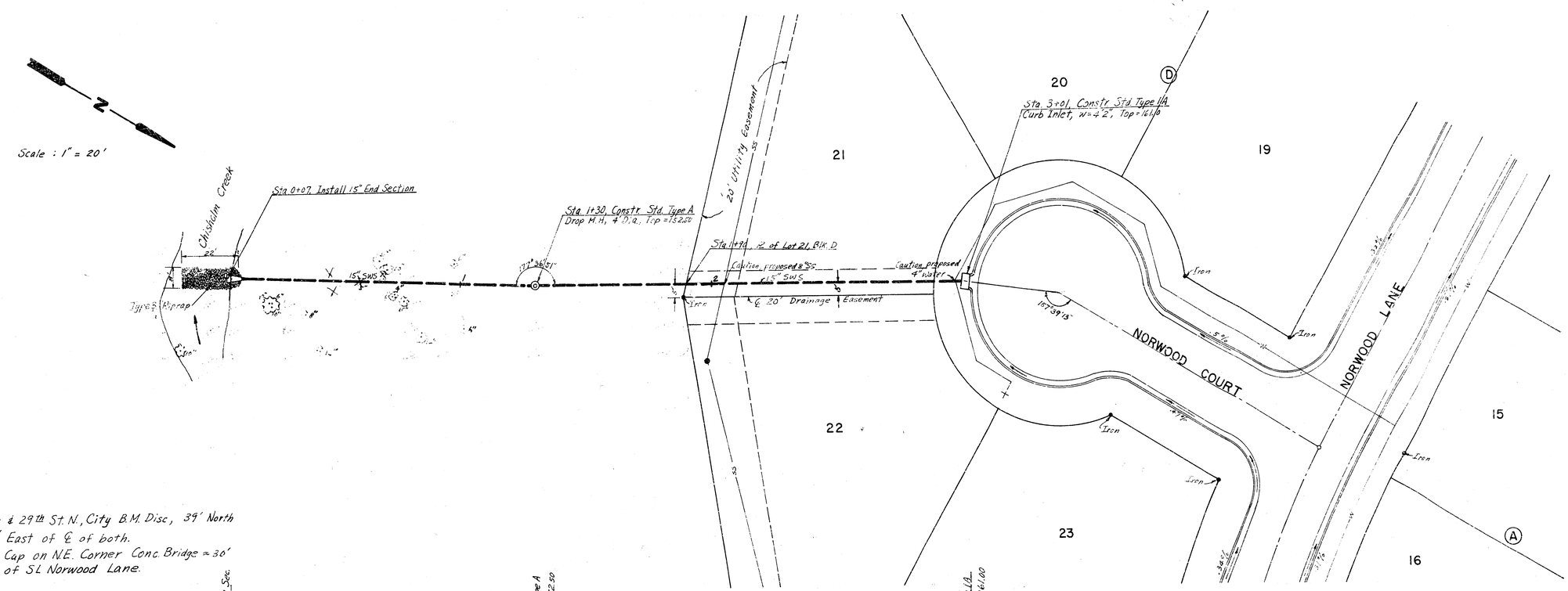
1"=100'

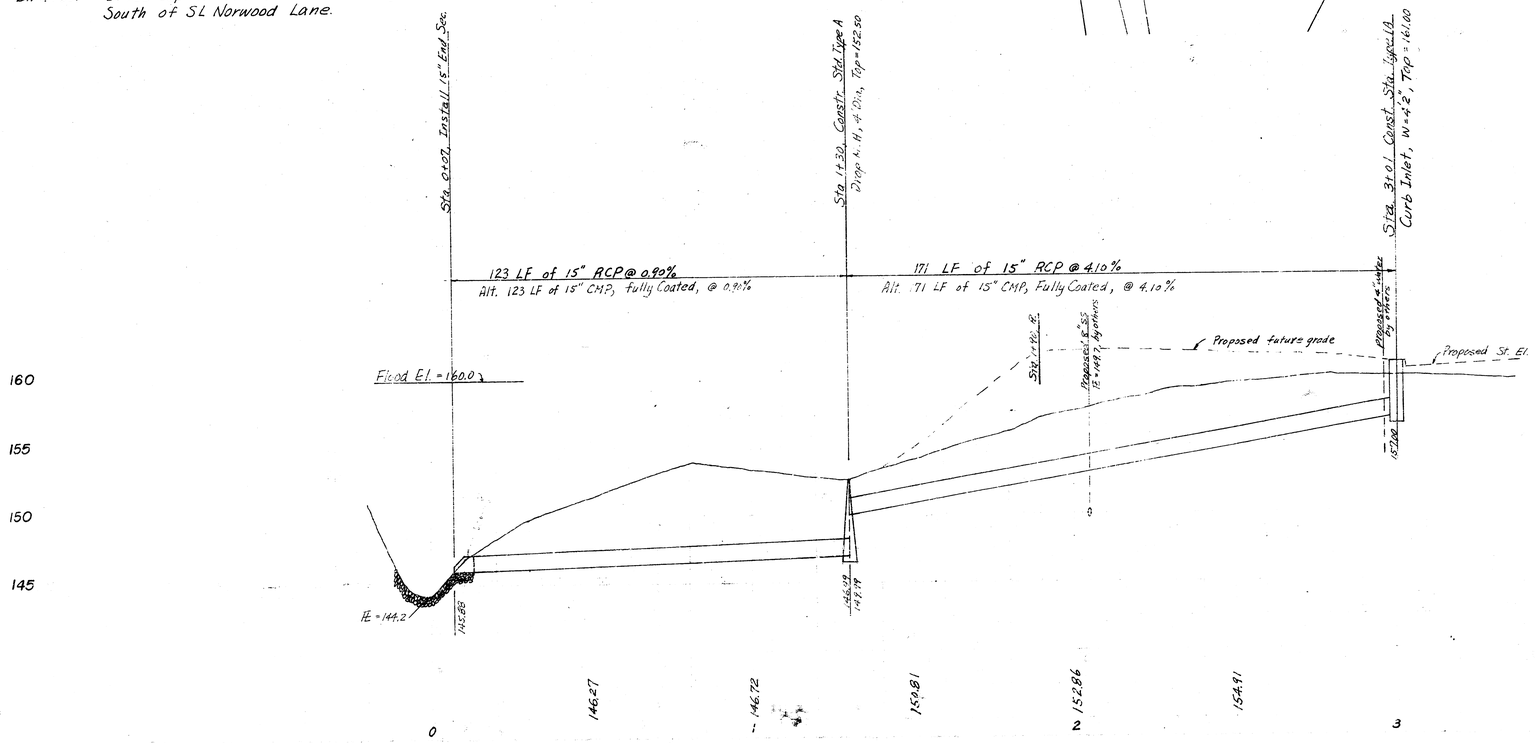


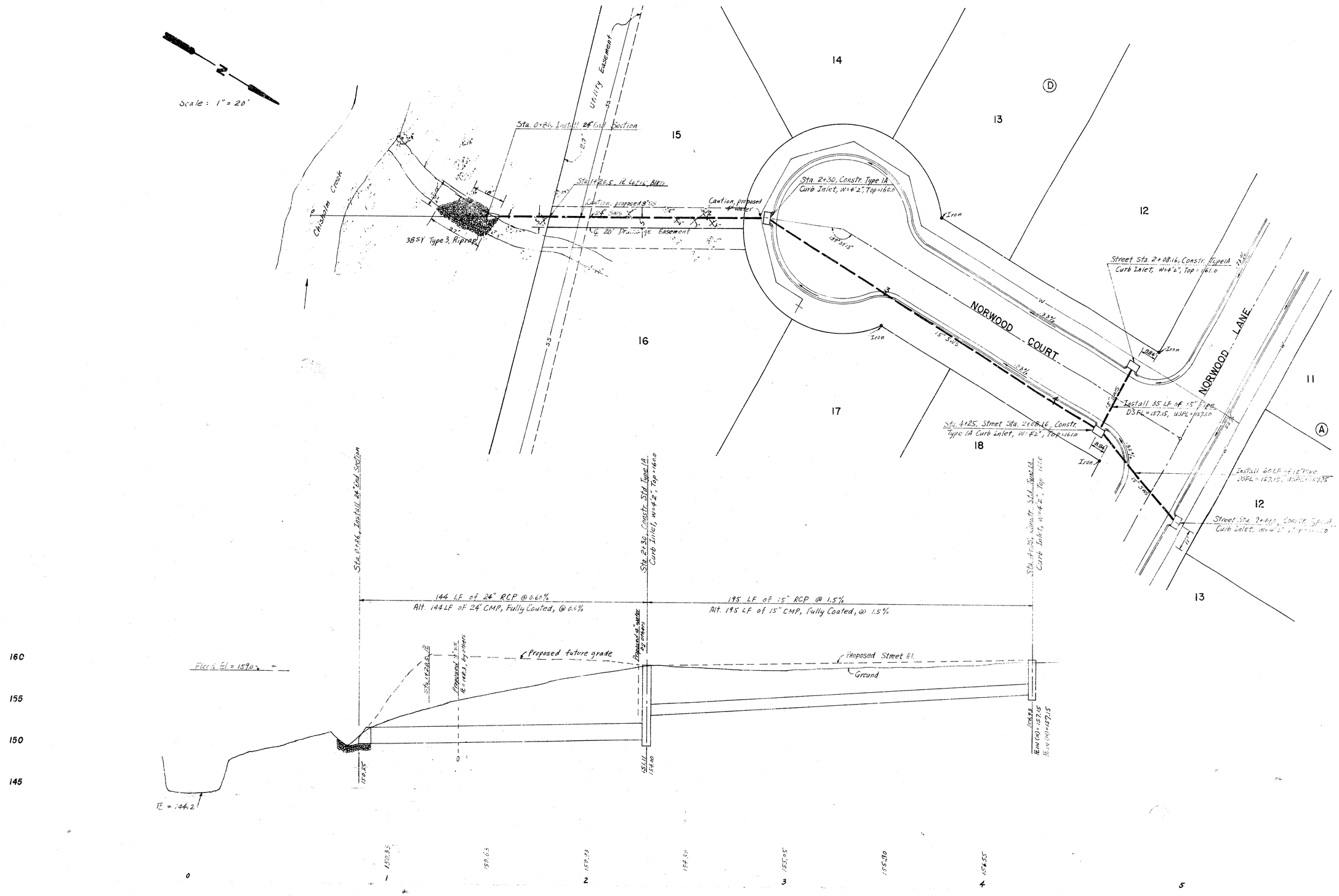
Scale : 1" = 20'

B.M. 157.68 Oliver & 29th St. N., City B.M. Disc, 39' North & 33' East of ℄ of both.

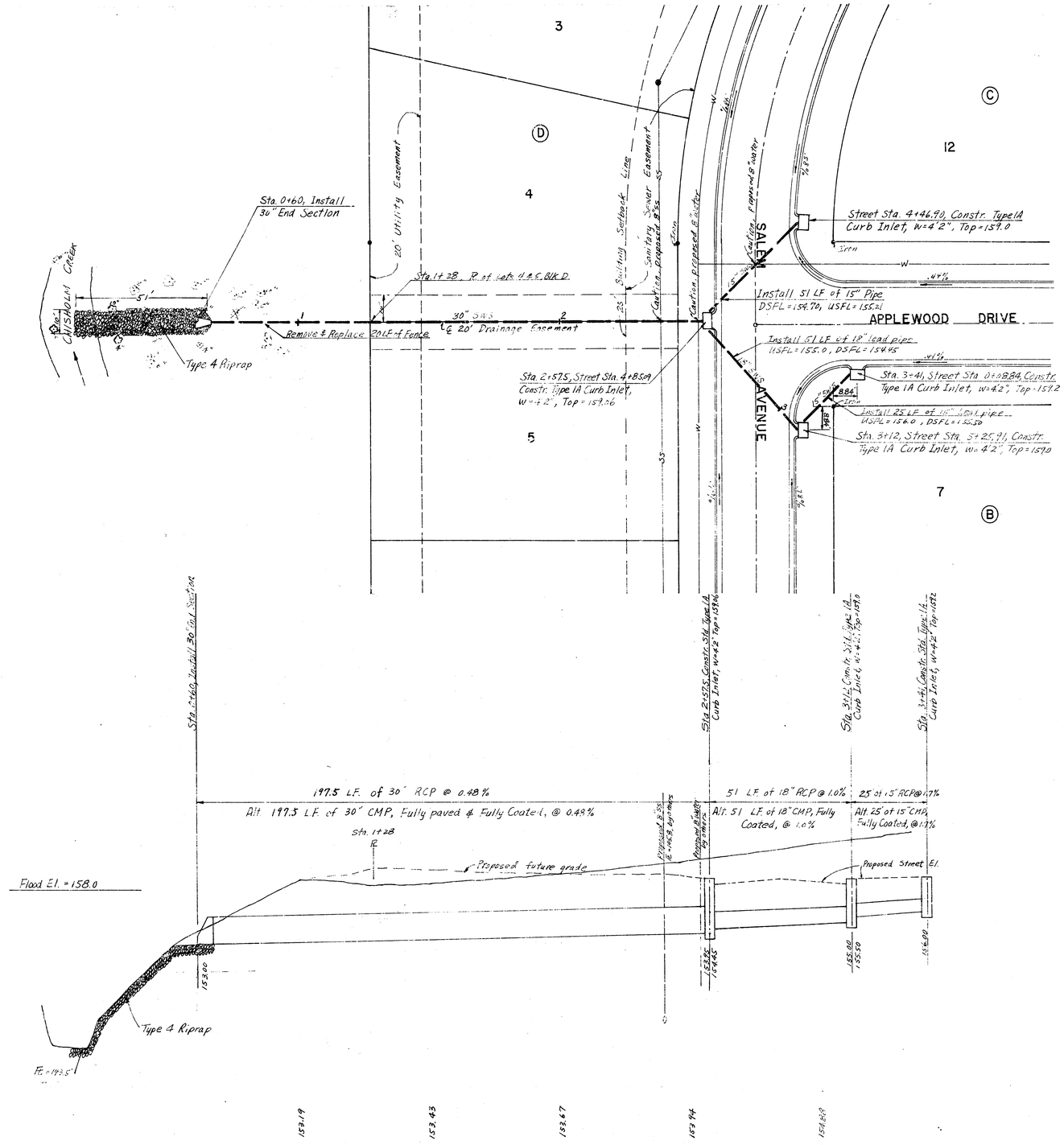
B.M. 160.10 Brass Cap on N.E. Corner Conc. Bridge ≈ 30' South of SL Norwood Lane.





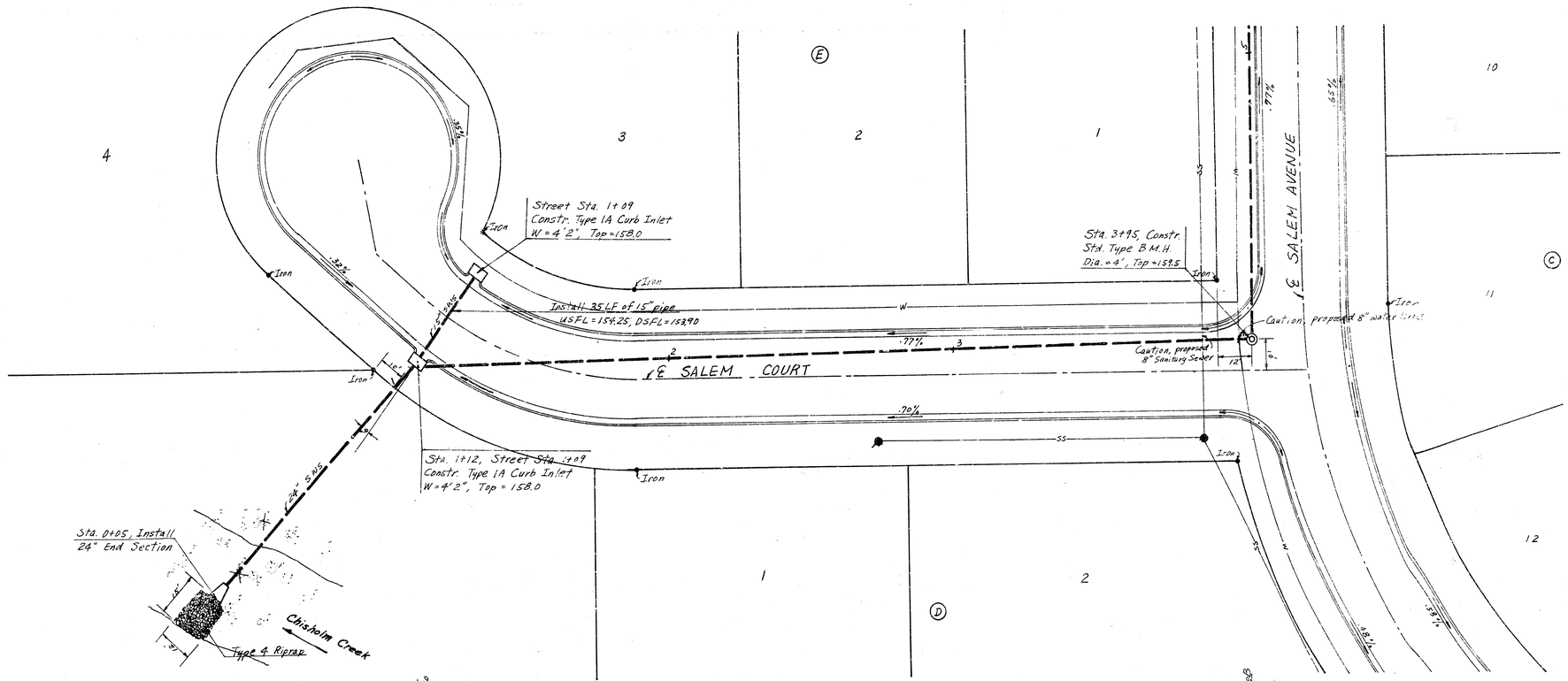


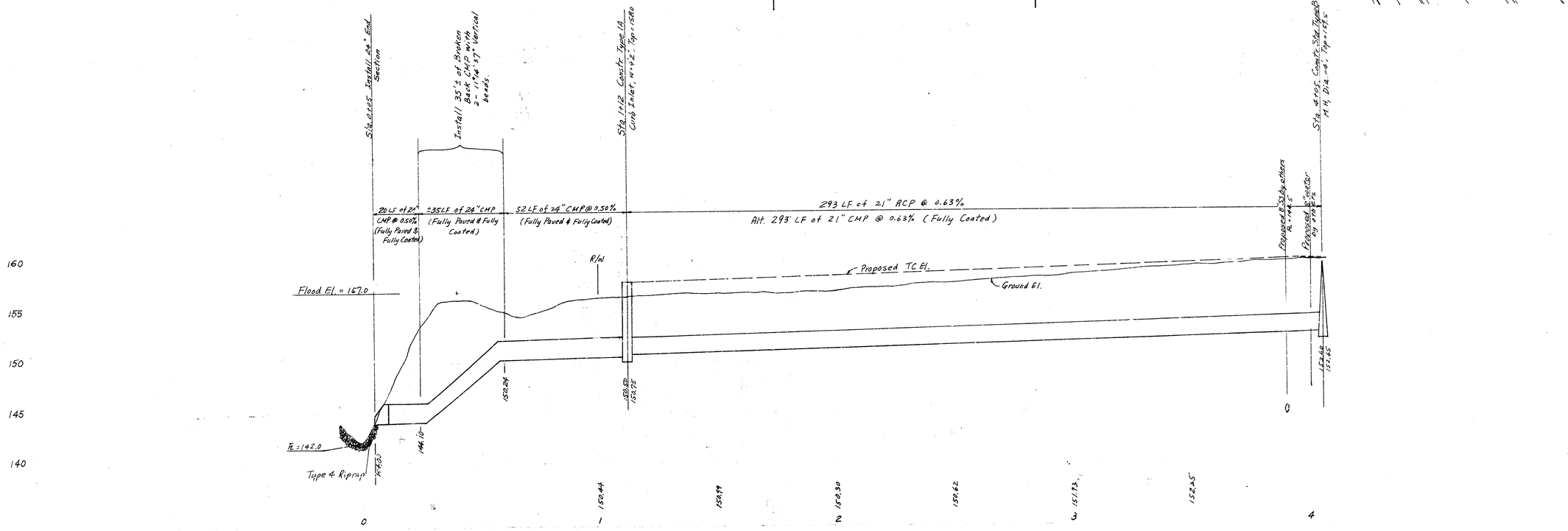
Scale: 1" = 20'
Chisholm Creek
Utility Easement
Sta. 0+86, Install 24" End Section
Sta. 1+20.5, 12 Lot 15, BLKD
Caution, proposed 8" SS
24" SWS
℄ 20' Drainage Easement
38SY Type 3 Riprap
Caution, proposed 4" water
Sta. 2+30, Constr. Type 1A Curb Inlet, W=4'2", Top=160.0
Iron
NORWOOD COURT
NORWOOD LANE
Street Sta. 2+08.16, Constr. Type 1A Curb Inlet, W=4'2", Top=161.0
Install 35 LF of 15" Pipe DSFL=157.15, USFL=157.50
Sta. 4+25, Street Sta. 2+08.16, Constr. Type 1A Curb Inlet, W=4'2", Top=161.0
Install 60 LF of 15" Pipe DSFL=157.15, USFL=157.75
Street Sta. 2+44.0, Constr. Type 1A Curb Inlet, W=4'2", Top=161.0
Sta. 0+86, Install 24" End Section
Sta. 2+30, Constr. Std. Type 1A Curb Inlet, W=4'2", Top=160.0
Sta. 4+25, Constr. Std. Type 1A Curb Inlet, W=4'2", Top=161.0
144 LF of 24" RCP @ 0.60%
Alt. 144 LF of 24" CMP, Fully Coated, @ 0.6%
195 LF of 15" RCP @ 1.5%
Alt. 195 LF of 15" CMP, Fully Coated, @ 1.5%
Proposed future grade
Proposed Street El.
Ground
Flood El. = 159.0
Proposed 8" SS
Proposed 4" water by others
160
155
150
145
0
1
2
3
4
5



SWS #141, Line 3, Sheet 4 of 7

Scale : 1"= 20'


SE SALEM AVENUE
SE SALEM COURT
Street Sta. 1+09
Constr. Type 1A Curb Inlet
W = 4'2", Top = 158.0
Install 35 LF of 15" pipe
USFL = 154.25, DSFL = 153.90
Sta. 3+95, Constr.
Std. Type B M.H.
Dia. = 4', Top = 159.5
Caution, proposed 8" water line
Caution, proposed 8" Sanitary Sewer
Sta. 1+12, Street Sta. 1+09
Constr. Type 1A Curb Inlet
W = 4'2", Top = 158.0
Sta. 0+05, Install
24" End Section
Chisholm Creek
Type 4 Riprap
.32%
.77%
.55%
.70%
.58%
.48%
SS
W
S
1
2
3
4
10
11
12
C
D
E


Sta. 0+05, Install 24" End Section
Install 35'± of Broken Back CMP with 2 - 11°14'37" Vertical bends.
Sta. 1+12, Constr. Type 1A Curb Inlet, W=4'2", Top=158.0
Sta. 4+95, Constr. Std. Type B M.H. Dia. =4', Top=159.5
20 LF of 24" CMP @ 0.50% (Fully Paved & Fully Coated)
±35 LF of 24" CMP (Fully Paved & Fully Coated)
52 LF of 24" CMP @ 0.50% (Fully Paved & Fully Coated)
293 LF of 21" RCP @ 0.63%
Alt. 293 LF of 21" CMP @ 0.63% (Fully Coated)
Proposed 8" Sanitary Sewer
Proposed 8" water line by others
R/W
Proposed TC El.
Ground El.
Flood El. = 157.0
TL = 142.0
Type 4 Riprap
160
155
150
145
140
0
1
2
3
4

Scale: 1"=20'

N

E SALEM COURT

E SALEM AVENUE

FOUNTAIN AVENUE

See sheet 5

Sta. 6+48. Constr. Type 1A Curb Inlet W=4'2", Top=158.3

Caution, proposed 8" Sanitary Sewer 21" SWS

Caution, proposed 8" water

Caution, proposed 10" SS

Caution, Existing 8" SS

15" SWS

Sta. 7+11, Constr. Type 1A Curb Inlet W=4'2", Top=158.1

Sta. 7+49. Constr. Type 1A Curb Inlet W=4'2", Top=158.1

Iron

1 2 8 9 10 11 12 22

A B C D E

Sta. 4+05. See Sheet 5

Sta. 6+48. Constr. Type 1A Curb Inlet, W=4'2", Top=158.3

Sta. 7+11. Constr. Type 1A Curb Inlet, W=4'2", Top=158.1

Sta. 7+49. Constr. Type 1A Curb Inlet, W=4'2", Top=158.1

243 LF of 21" RCP @ 0.60%

Alt. 243 LF of 21" CMP @ 0.60% (Fully Coated)

60 LF of 18" RCP @ .45%

Alt. 60 LF of 18" CMP @ .45% (Fully Coated)

35 LF of RCP @ .29%

Alt. 35 LF of CMP @ .29% (fully Coated)

Proposed 8" water by others

Proposed 8" SS by others, IE=149.0

Proposed TC El.

Existing Ground El.

Proposed 10" SS by others, IE=149.5

Existing 8" SS IE=149.0

160 155 150 145

153.50 153.25

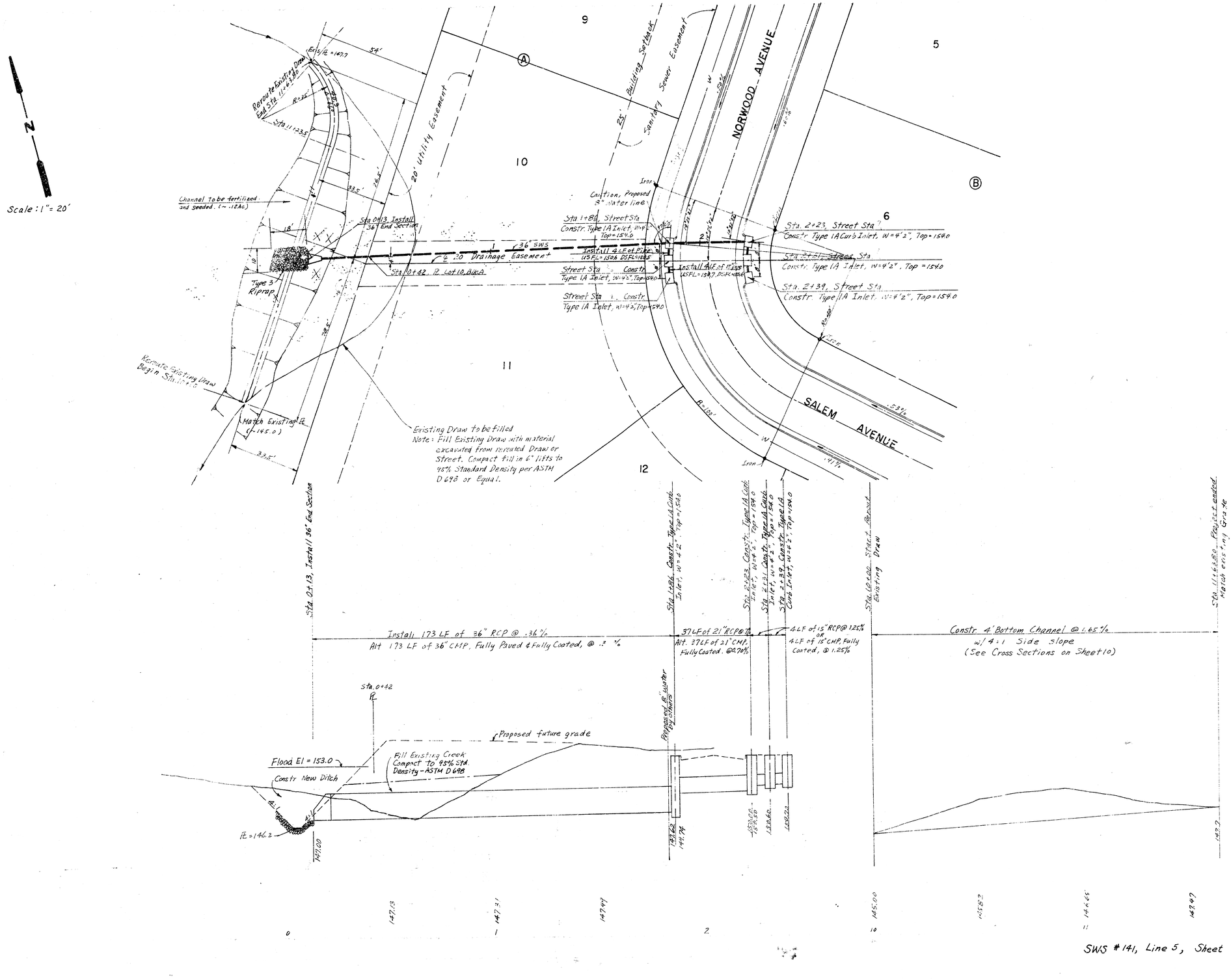
153.12 152.97

149.65 149.36

152.80

1 4 — 153.27 — 5 — 153.22 — 153.52 — 6 — 153.82 — 1 7

SWS #141, Line 4, Sheet 6 of 6/7



SWS # 141, Line 5, Sheet 7 of 7