

S. W. S. NO. 157

PRAIRIE PARK SECOND ADDITION

PROJECT NO.

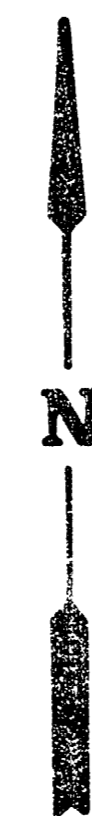
468-76-245-80736-000-000-001

CITY OF WICHITA, KANSAS

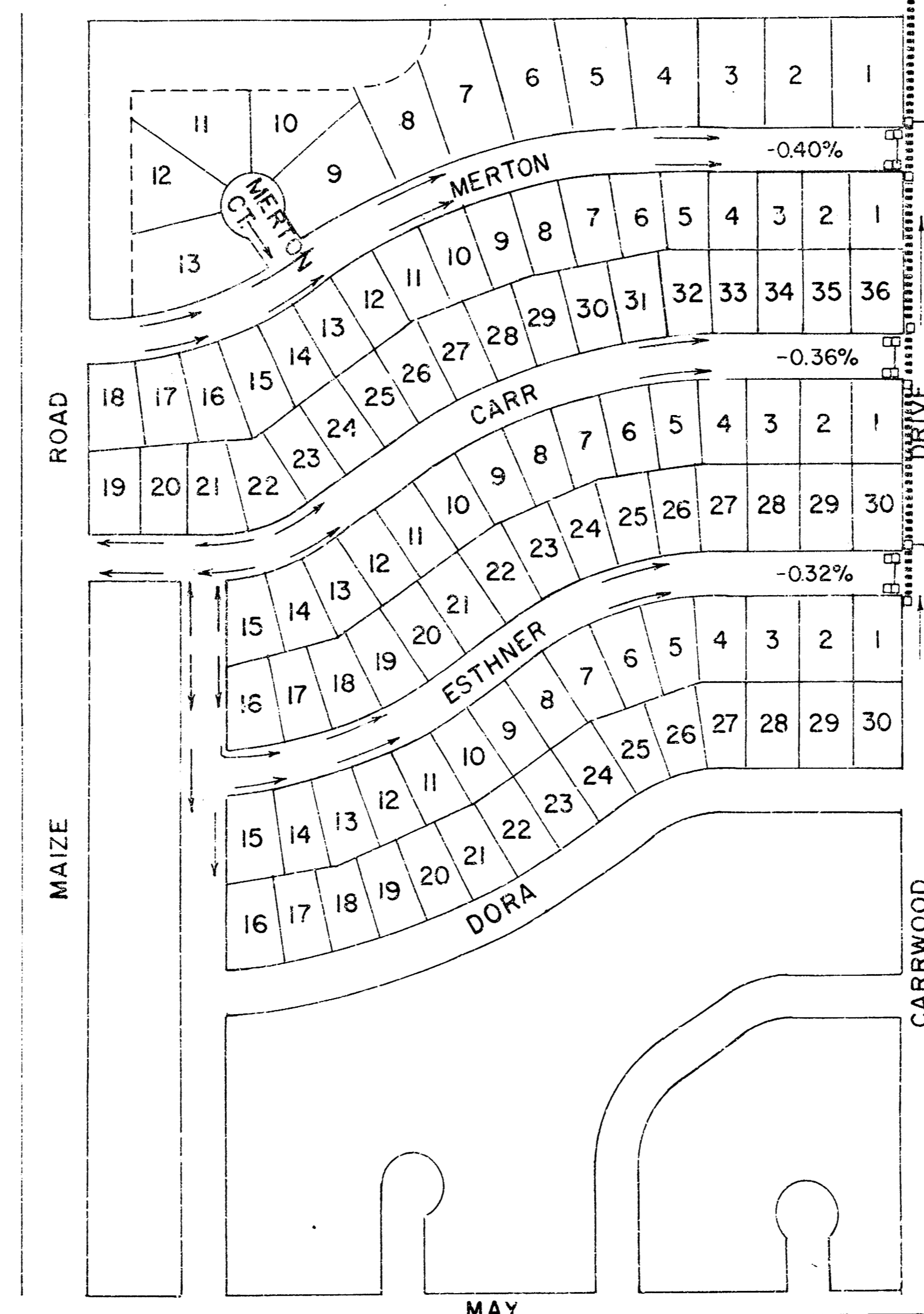
DEAN SELLERS
ACTING CITY ENGINEER

GENERAL NOTES

1. CONTRACTOR SHALL COORDINATE WORK WITH PAVING AND SANITARY CONTRACTORS AND CONTACT RELEVANT UTILITY OPERATORS AND OTHER AGENCIES INVOLVED WITH THIS PROJECT SITE DEVELOPMENT.
2. FIELD ENGINEER SHALL TAKE CARE TO ALL IRONS AND DIMPLES IN THE PROJECT AREA BEFORE CONSTRUCTION BEGINS. FIELD ENGINEER SHALL REPLACE ALL SUCH IRONS AND DIMPLES DISTURBED DURING CONSTRUCTION.
3. THE SIZES OF INLETS AND MANHOLES AS SHOWN ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR EXISTENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFER TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
4. ALL SEWER PIPES SHALL BE DUCTILE CAST IRON PIPE FULLY COVERED BOTH INSIDE AND OUTSIDE. THE COAT ING MAY BE BITUMEN OR OTHER AS SPECIFIED ON ASHED DESIGNATION: 4216 - 78, TYPE B. ALL SUCH COVERED CORRUGATED PIPE SHALL BE SMOOTH FOR PIPES 24" DIAMETER OR LARGER. ALL CONNECTIONS FOR OPEN FULLY COVERED OR FULLY COVERED AND FULL ASPHALT COVERED PIPES SHALL BE FAIRLY WATER TIGHT CONSTRUCTED USING DOUBLE TYPE COUPLER OR EQUAL.
5. ALL CURBS SHALL BE "C" - S&P CONCRETE UNLESS OTHERWISE NOTED.
6. THE REPRAP FOR THIS PROJECT SHALL BE TYPE 3. THE TYPE 3 REPRAP SHALL BE 12" REPRAP OR 6" SAND AND GRAVEL BEDDING. THE BULK FOR REPRAP AND GRAVEL PROTECTION SHALL BE HARD, FINE, DURABLE, AND SHALL BE RESPONSIBLY WELL GRADED. THE SIZE RANGE OF ROCK USED SHALL BE A MAXIMUM OF ONE (1) CUBIC FOOT AND A MAXIMUM OF 1 1/2" SIZE. THE 6" TOP SAND AND GRAVEL BEDDING FOR REPRAP SHALL BE A CONTAMINATED LAYER OF SAND AND GRAVEL OR SAND AND CRUSHED ROCK, RESPONSIBLY WELL GRADED TO A MAXIMUM OF 1 1/2" DIAMETER SIZE.
7. CONTRACTORS SHALL AVOID CROSSING EXISTING WATER LINES UNLESS ABSOLUTELY NECESSARY. CROSSING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER MAIN ENGINEER.
8. THE COST ITEM CLEARING, ROCK-OF-WAY INCLUDES REMOVING TREES AND BUSHES AROUND THE OUTLET AREA AS REQUIRED FOR CONSTRUCTION.



Scale: 1" = 200'



INDEX TO DRAWINGS

1	TITLE SHEET
2-4	PLAN PROFILE
5	TYPE I-A INLET
6	HEADWALL DETAIL

Amended by [Signature]



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

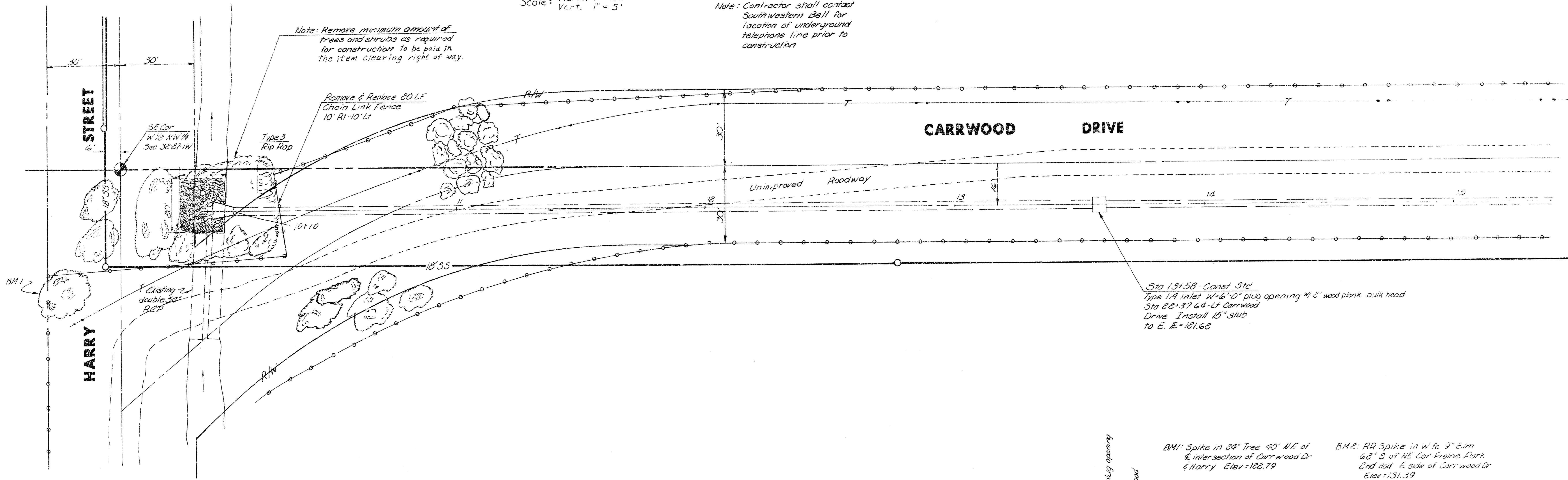
Sheet
1
1/4



Scale: Horiz. 1" = 20'
Vert. 1" = 5'

Note: Contractor shall contact Southwestern Bell for location of underground telephone line prior to construction

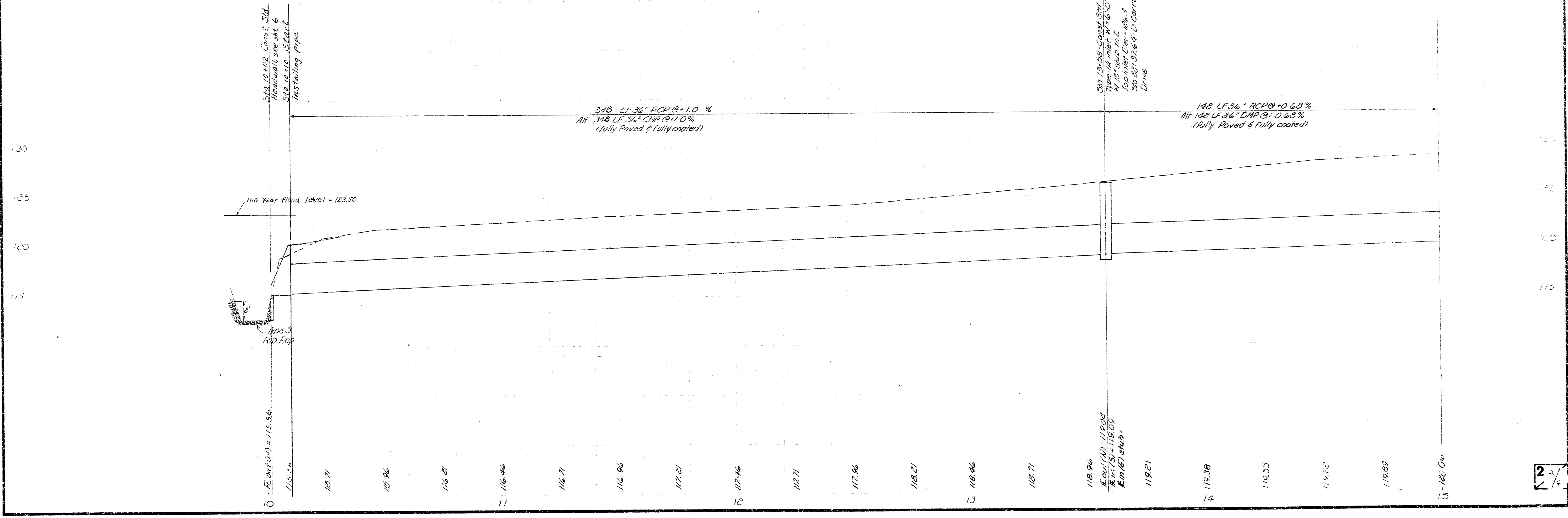
Note: Remove minimum amount of trees and shrubs as required for construction to be paid in the item clearing right of way.



Sta 13+58 - Const. Std
Type 1A inlet W-6'-0" plug opening 1/2" wood plank bulk head
Sta 82+37.64 - Carrwood Drive Install 15" shub to E. E=101.62

B.M. Spike in 24" Tree 40' NE of E intersection of Carrwood Dr & Harry Elev=122.79
B.M. RR Spike in W to 7' E of 62' S of NE Cor Prairie Park Crd Rd. E side of Carrwood Dr Elev=131.39

Sta 13+58 - Const. Std
Type 1A inlet W-6'-0" plug opening
To inlet E=101.62
Sta 82+37.64 - Carrwood Drive



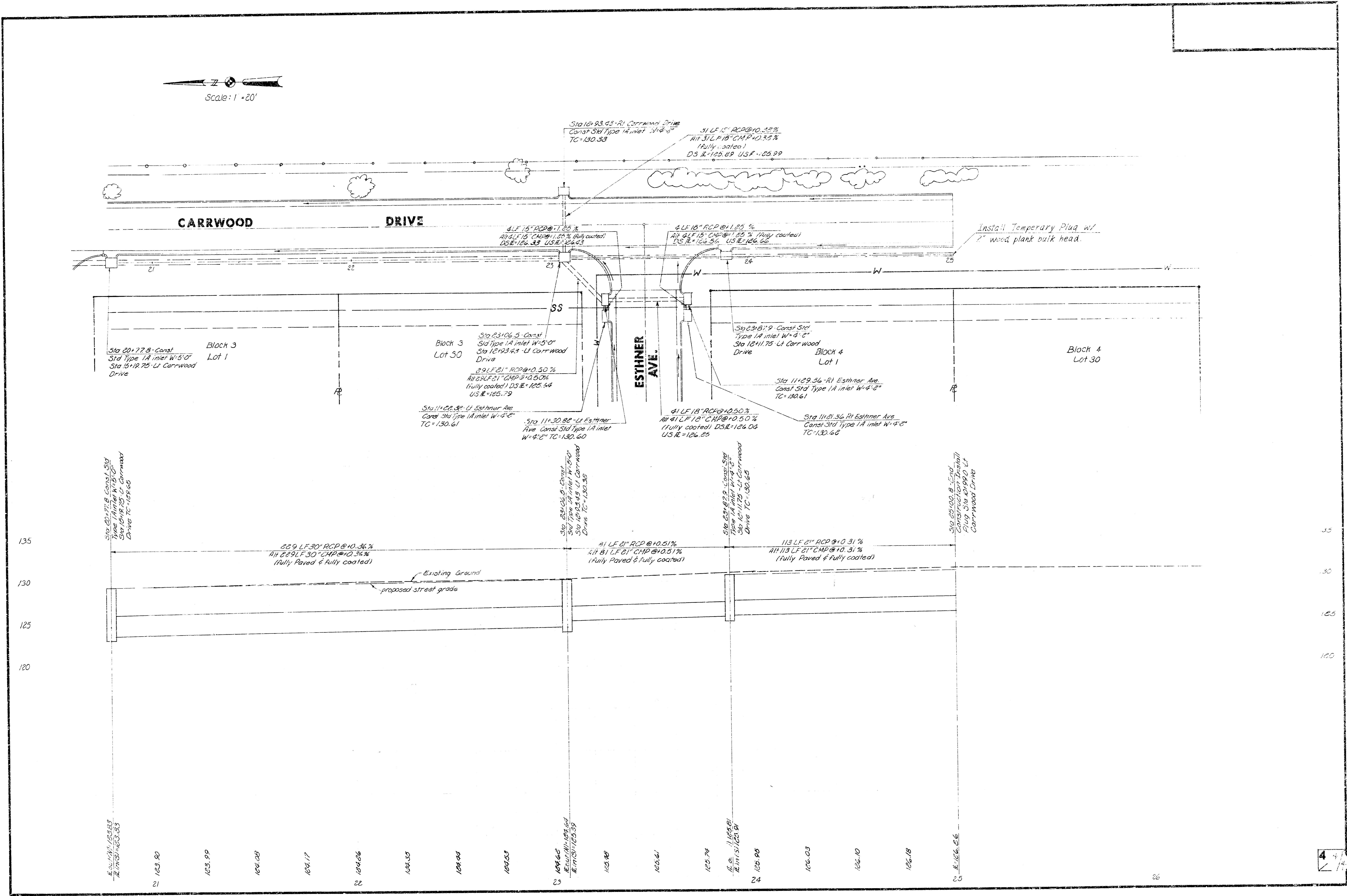
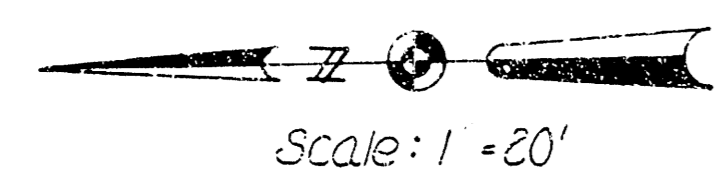
Sta 10+02 - Const. Std.
Headwall see sat 6
Sta 12+10 - Start
Installing pipe

548 LF 36" RCP @ +1.0 %
All 348 LF 36" CMP @ +1.0 %
(Fully Paved & Fully coated)

142 LF 36" RCP @ +0.62 %
All 142 LF 36" CMP @ +0.62 %
(Fully Paved & Fully coated)

Elev. 119.36
119.36
118.56

Elev. 119.04
Elev. 119.04
Elev. 119.04
Elev. 119.04
Elev. 119.04



Sta 10+88.45 - Rl Carrwood Drive
Const Sid Type 1A inlet W-4'-8"
TC=130.33

31 LF 15" RCP @ 10.32%
Alt 31 LF 15" CMP @ 0.32%
(Fully coated)
DS E=125.89 US E=125.99

4 LF 15" RCP @ 1.25%
Alt 4 LF 15" CMP @ 1.25% (Fully coated)
DS E=126.33 US E=126.43

4 LF 16" RCP @ 1.85%
Alt 4 LF 15" CMP @ 1.85% (Fully coated)
DS E=126.50 US E=126.60

Install Temporary Plug w/
7" wood plank bulk head.

Block 3 Lot 1
Sta 20+77.8 - Const
Std Type 1A inlet W-5'-0"
Sta 5+19.75 - Lt Carrwood Drive

Block 3 Lot 50
Sta 23+06.5 - Const
Std Type 1A inlet W-5'-0"
Sta 12+93.43 - Lt Carrwood Drive

29 LF 21" RCP @ 0.50%
Alt 29 LF 21" CMP @ 0.50%
(Fully coated) DS E=125.64
US E=125.79

Sta 11+28.36 - Lt Esthiner Ave
Const Sid Type 1A inlet W-4'-8"
TC=130.61

Sta 11+30.82 - Lt Esthiner Ave
Five Const Sid Type 1A inlet
W-4'-8" TC=130.60

41 LF 18" RCP @ 0.50%
Alt 41 LF 18" CMP @ 0.50%
(Fully coated) DS E=124.04
US E=124.25

Block 4 Lot 1
Sta 23+87.9 - Const Sid
Type 1A inlet W-4'-8"
Sta 12+11.75 - Lt Carrwood Drive

Sta 11+29.36 - Rl Esthiner Ave
Const Sid Type 1A inlet W-4'-8"
TC=130.61

Sta 11+81.56 - Rl Esthiner Ave
Const Sid Type 1A inlet W-4'-8"
TC=130.68

Sta 20+27.8 - Const Sid
Type 1A inlet W-5'-0"
Sta 5+19.75 - Lt Carrwood Drive
TC=129.65

229 LF 30" RCP @ 10.36%
Alt 229 LF 30" CMP @ 10.36%
(Fully Paved & Fully coated)

Existing Ground

proposed street grade

Sta 23+06.5 - Const
Std Type 1A inlet W-5'-0"
Sta 12+93.43 - Lt Carrwood Drive
TC=130.33

Sta 23+87.9 - Const Sid
Type 1A inlet W-4'-8"
Sta 12+11.75 - Lt Carrwood Drive
TC=130.65

Sta 23+00.8 - Const
Construction Install
Plug Sta 23+00.8 - Lt Carrwood Drive

81 LF 21" RCP @ 10.51%
Alt 81 LF 21" CMP @ 10.51%
(Fully Paved & Fully coated)

113 LF 21" RCP @ 10.31%
Alt 113 LF 21" CMP @ 10.31%
(Fully Paved & Fully coated)

121+90
123+90
125+08
126+17
127+06
128+35
129+64
130+53
131+62
132+91
134+20
135+49
136+61
137+74
138+81
139+95
140+03
141+10
142+18
143+26

21 22 23 24 25