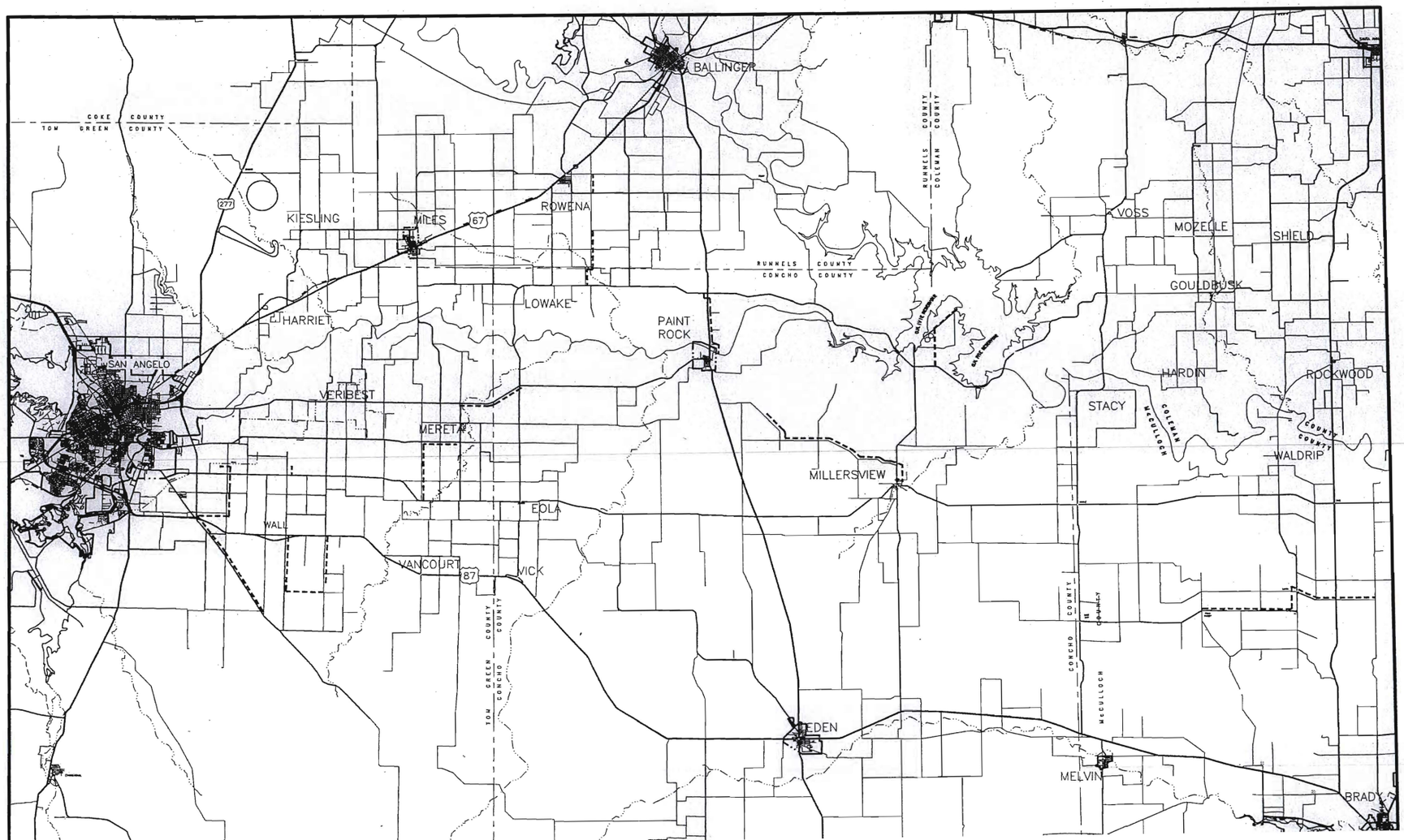
MILLERSVIEW-DOOLE W.S.C.

WATER DISTRIBUTION LINES

FUNDED BY: RURAL DEVELOPMENT

JUNE 2011



NO.

B

JIMMIE BRENEK

WILLIAM (BILL)

STUART LEHR . .

JEANINE BERRI

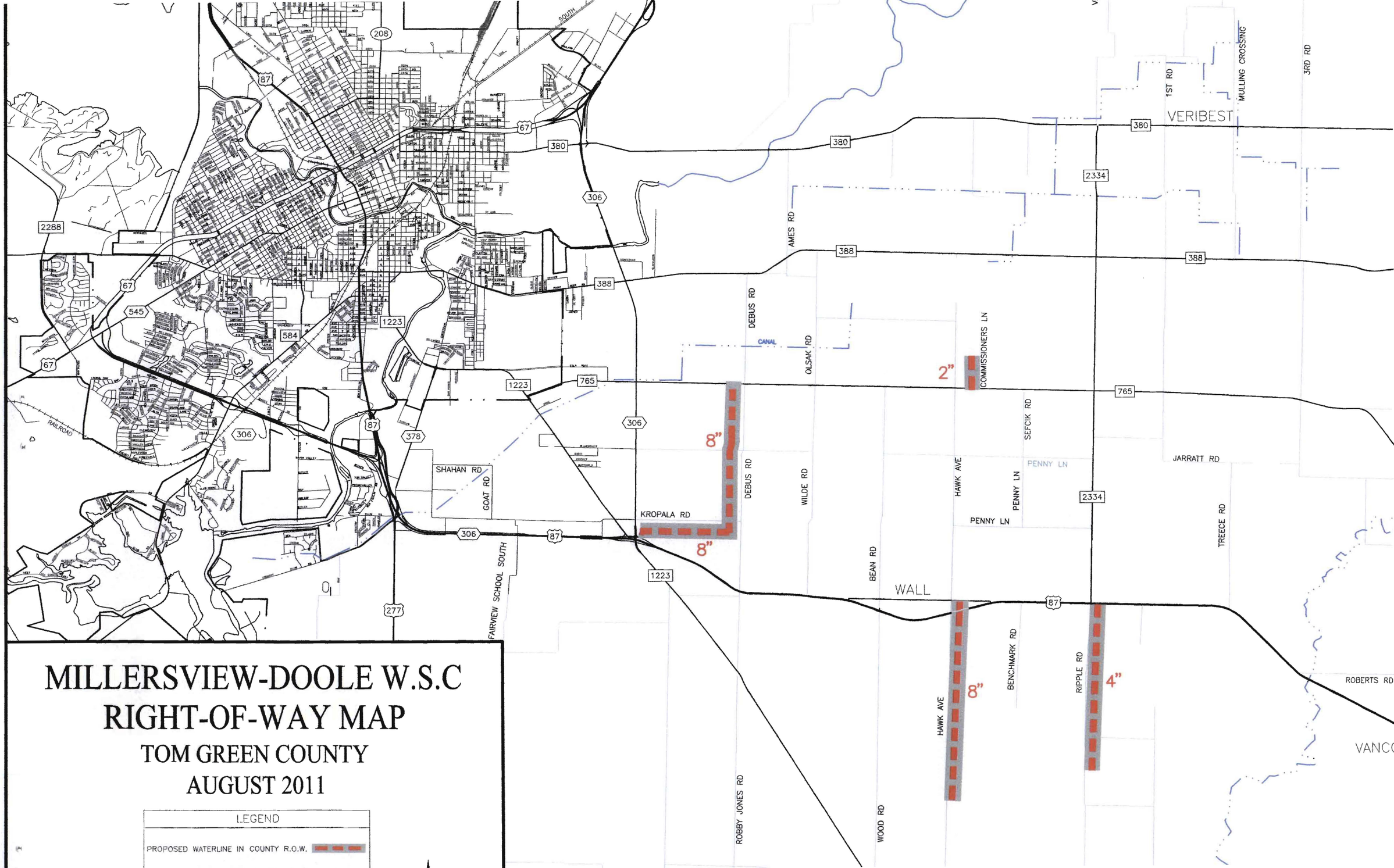
RALPH MAT

MATT BELD

MICHAEL T

*NO

...ple WSC\11133 RD Water System Improvements\Drafting\Plans\Cover.dwg, 7/12/2011 12:53:23 PM, Alex Castillo



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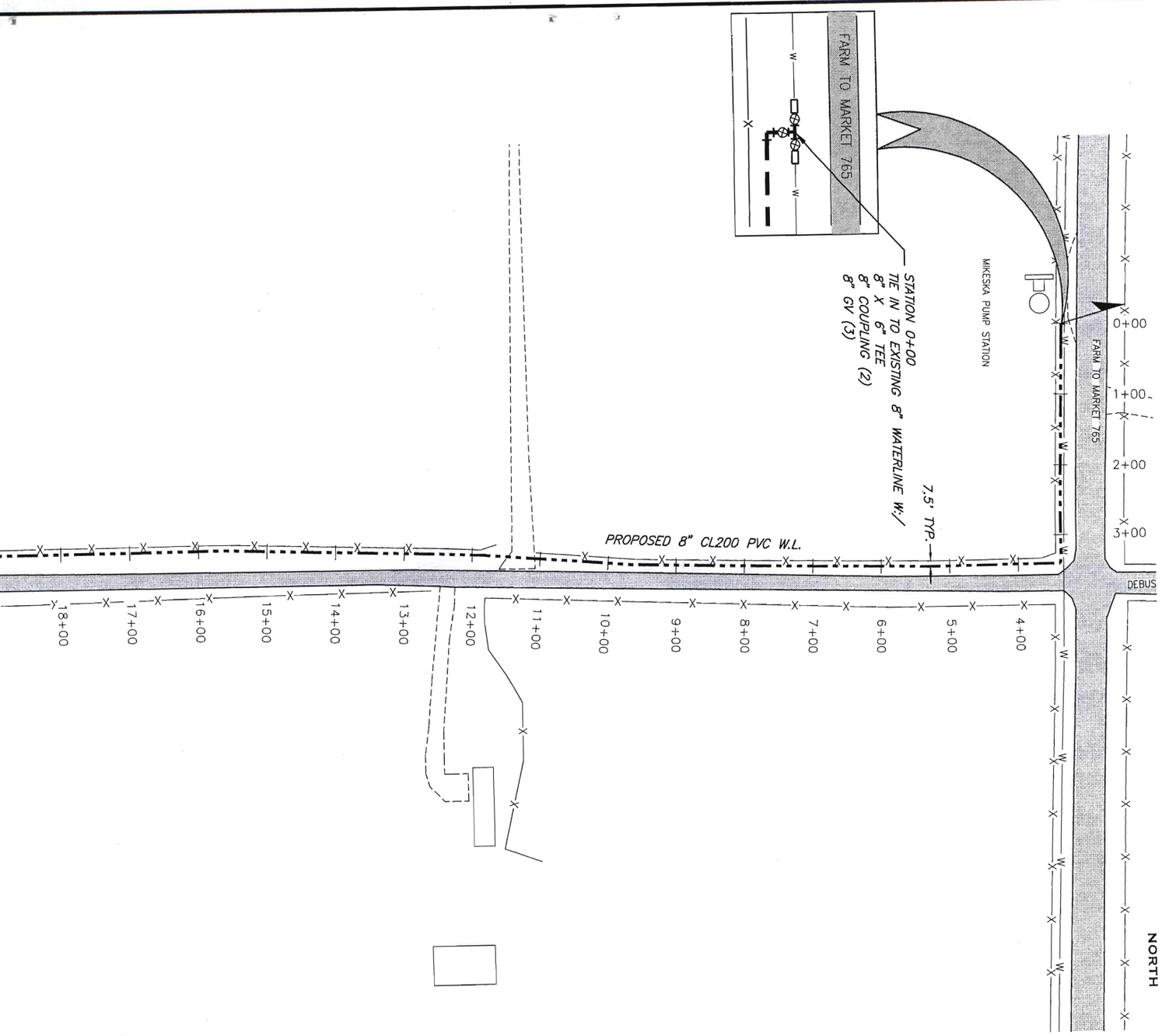
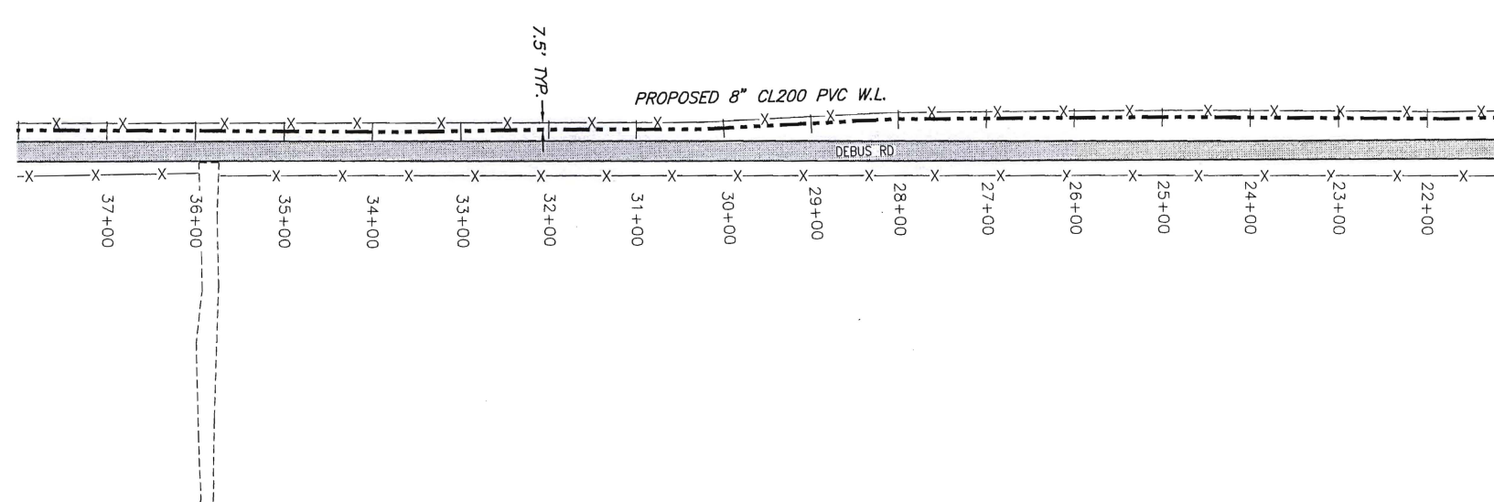
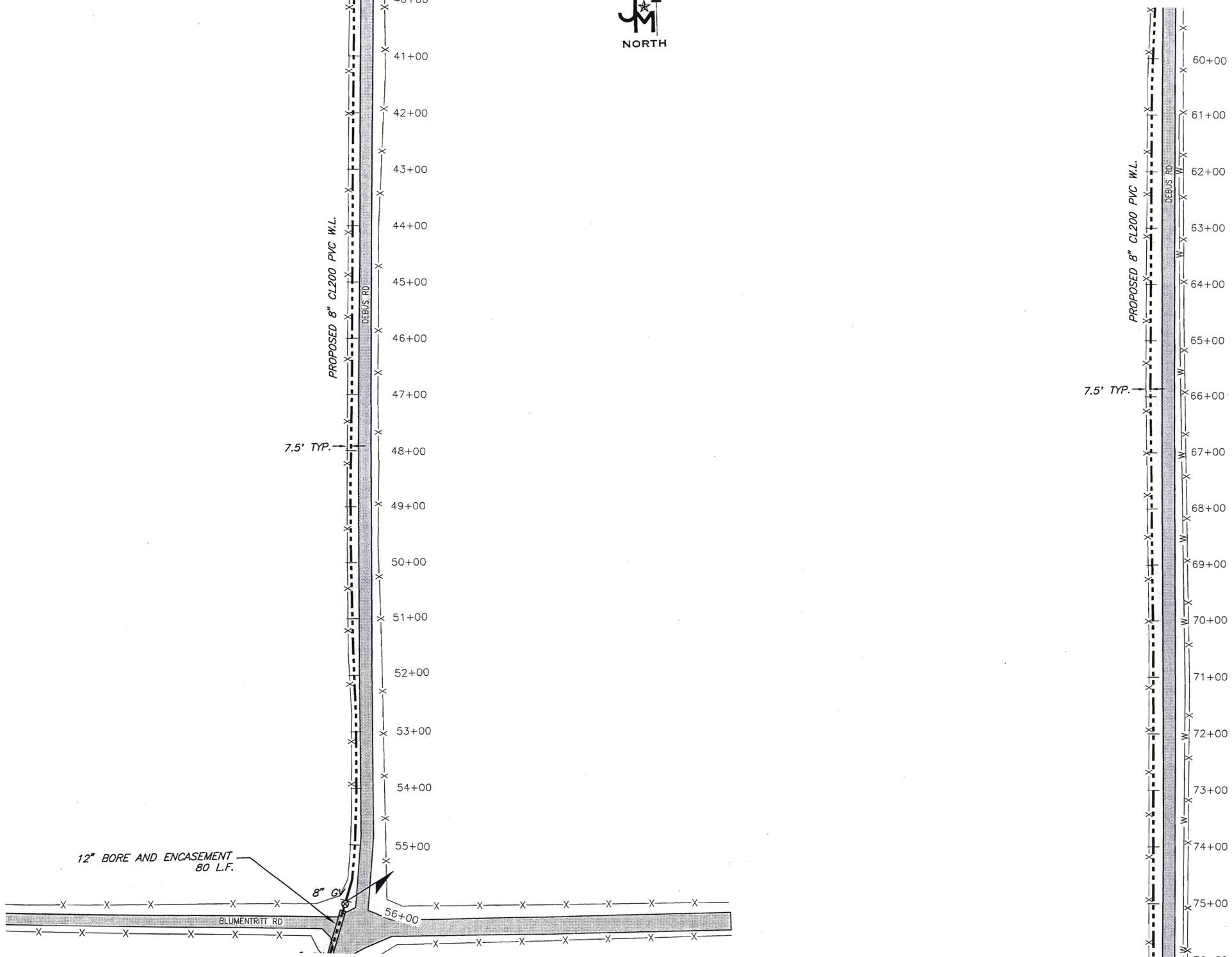

FARM TO MARKET 765
STATION 0+00
TIE IN TO EXISTING 8" WATERLINE W/
8" X 6" TEE
8" COUPLING (2)
8" GV (3)
7.5' TYP.
MIKESKA PUMP STATION
FARM TO MARKET 765
PROPOSED 8" CL200 PVC W.L.
DEBUS
0+00
1+00
2+00
3+00
4+00
5+00
6+00
7+00
8+00
9+00
10+00
11+00
12+00
13+00
14+00
15+00
16+00
17+00
18+00
NORTH


7.5' TYP.
PROPOSED 8" CL200 PVC W.L.
DEBUS RD
22+00
23+00
24+00
25+00
26+00
27+00
28+00
29+00
30+00
31+00
32+00
33+00
34+00
35+00
36+00
37+00



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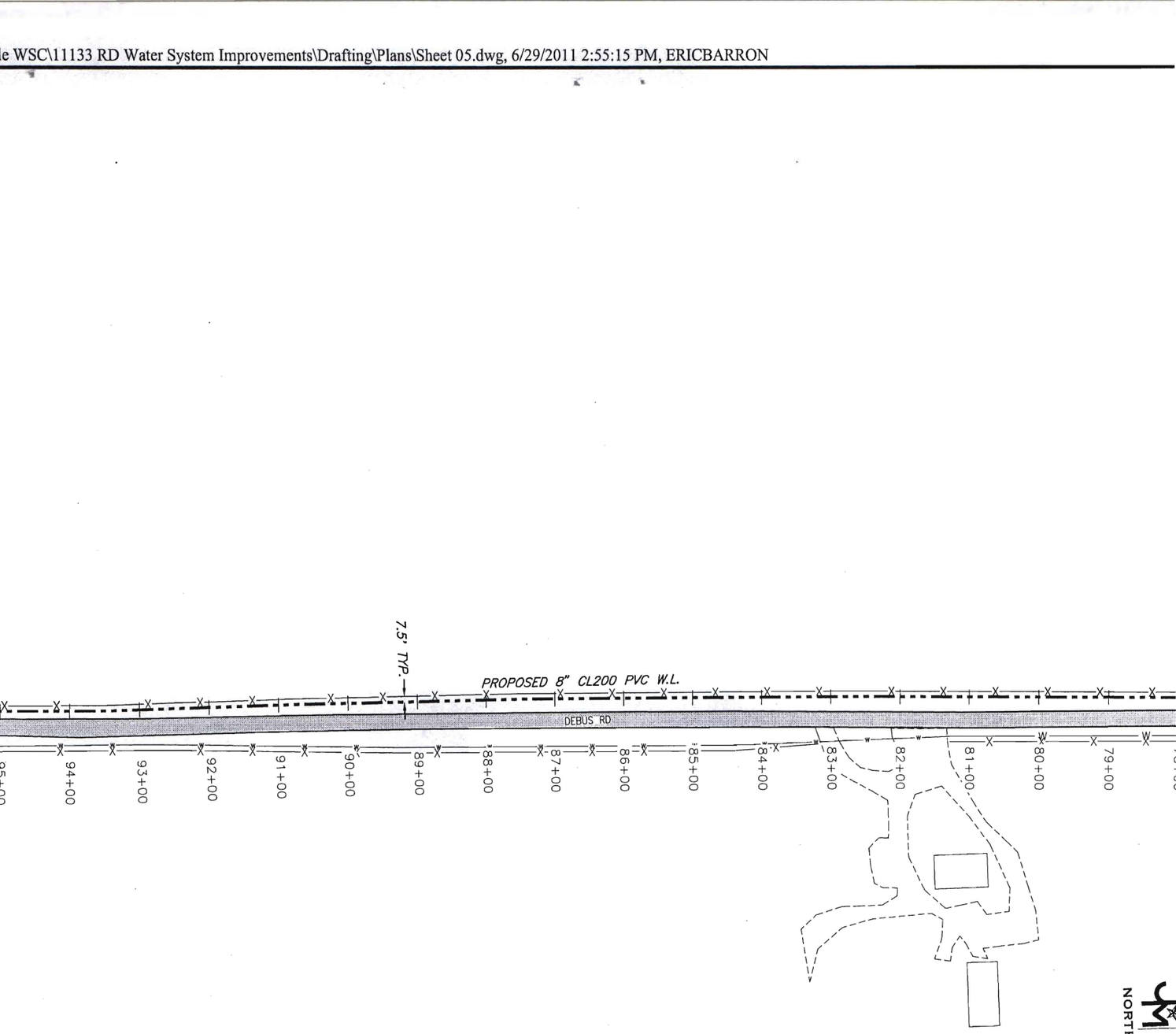
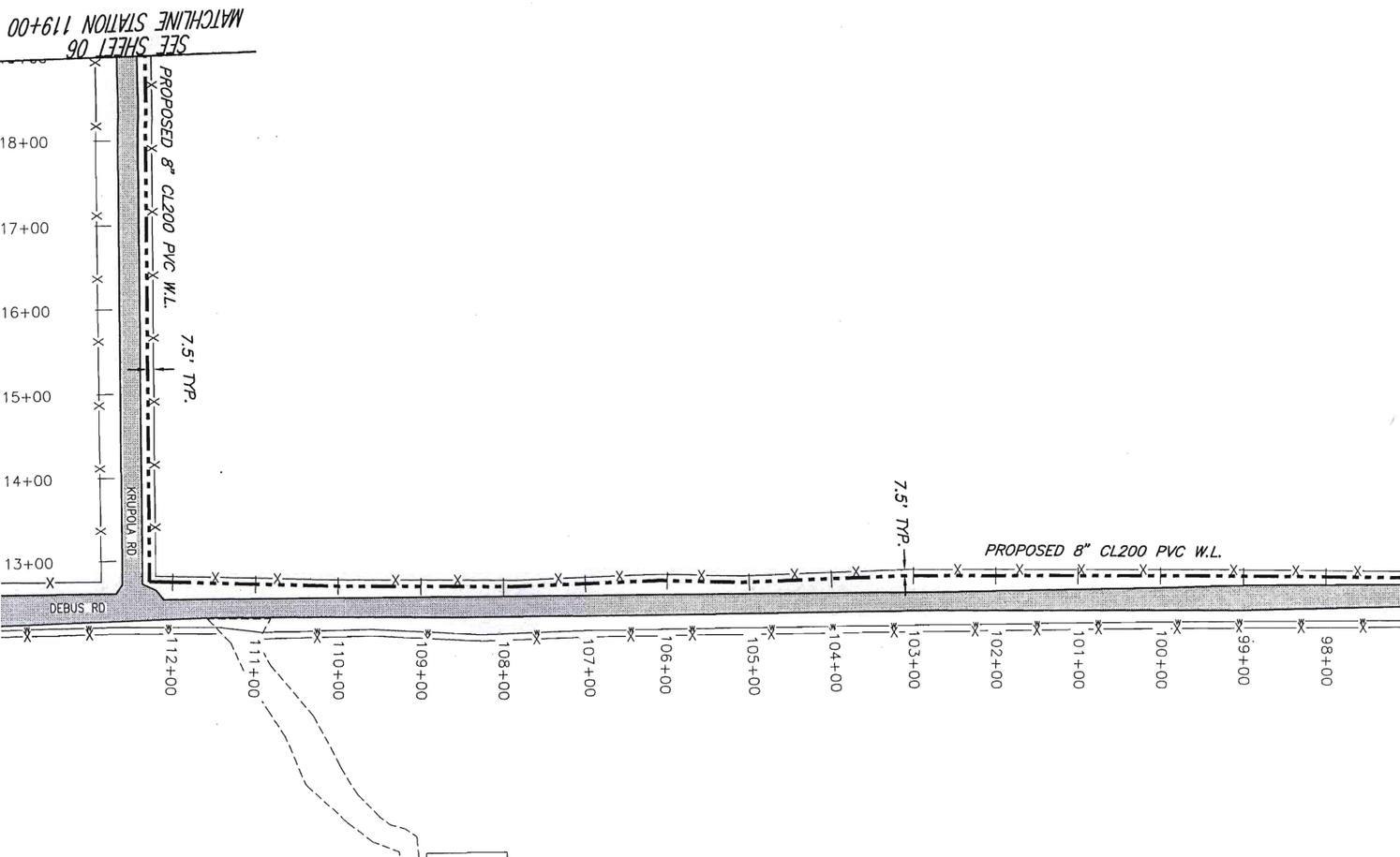
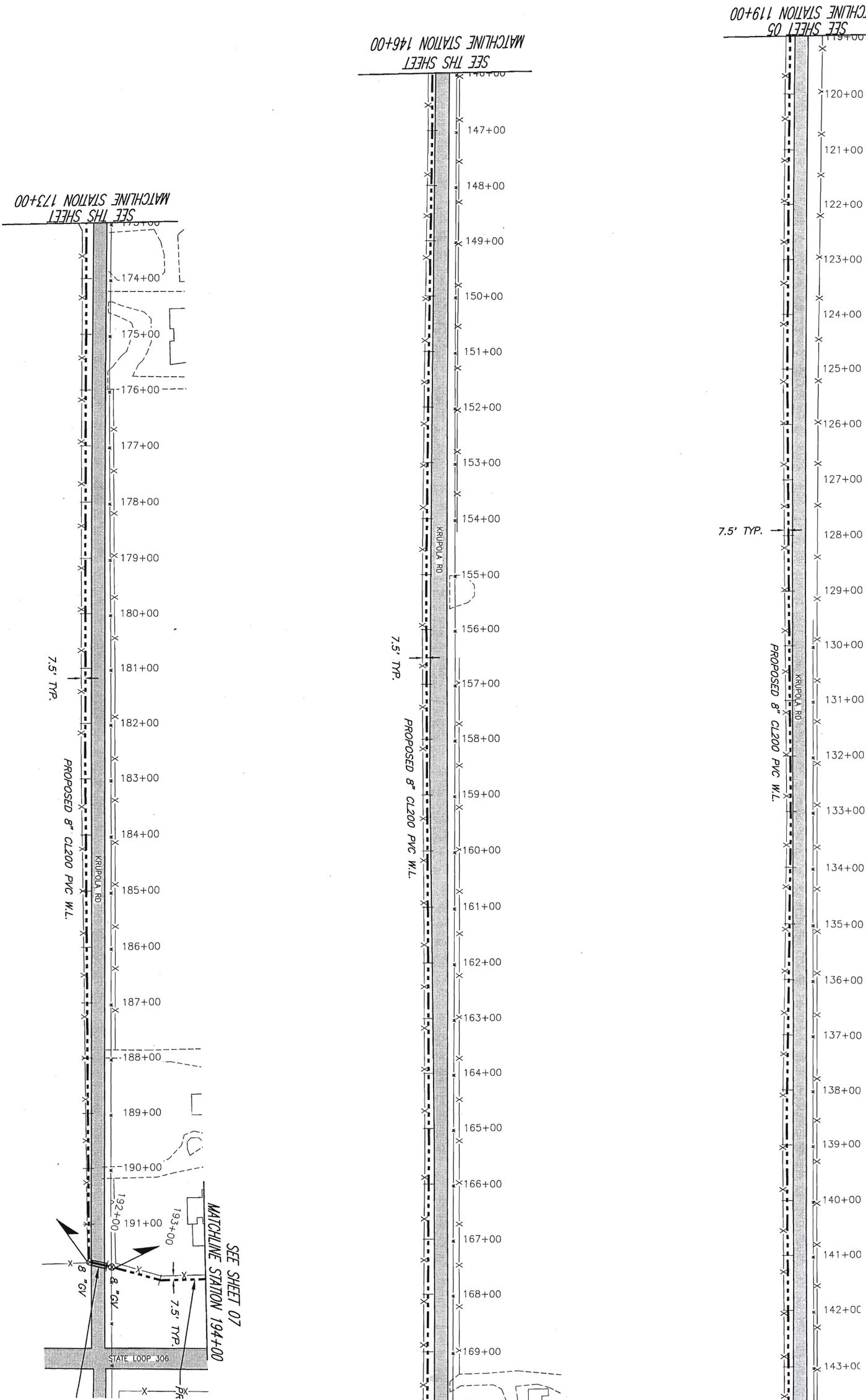
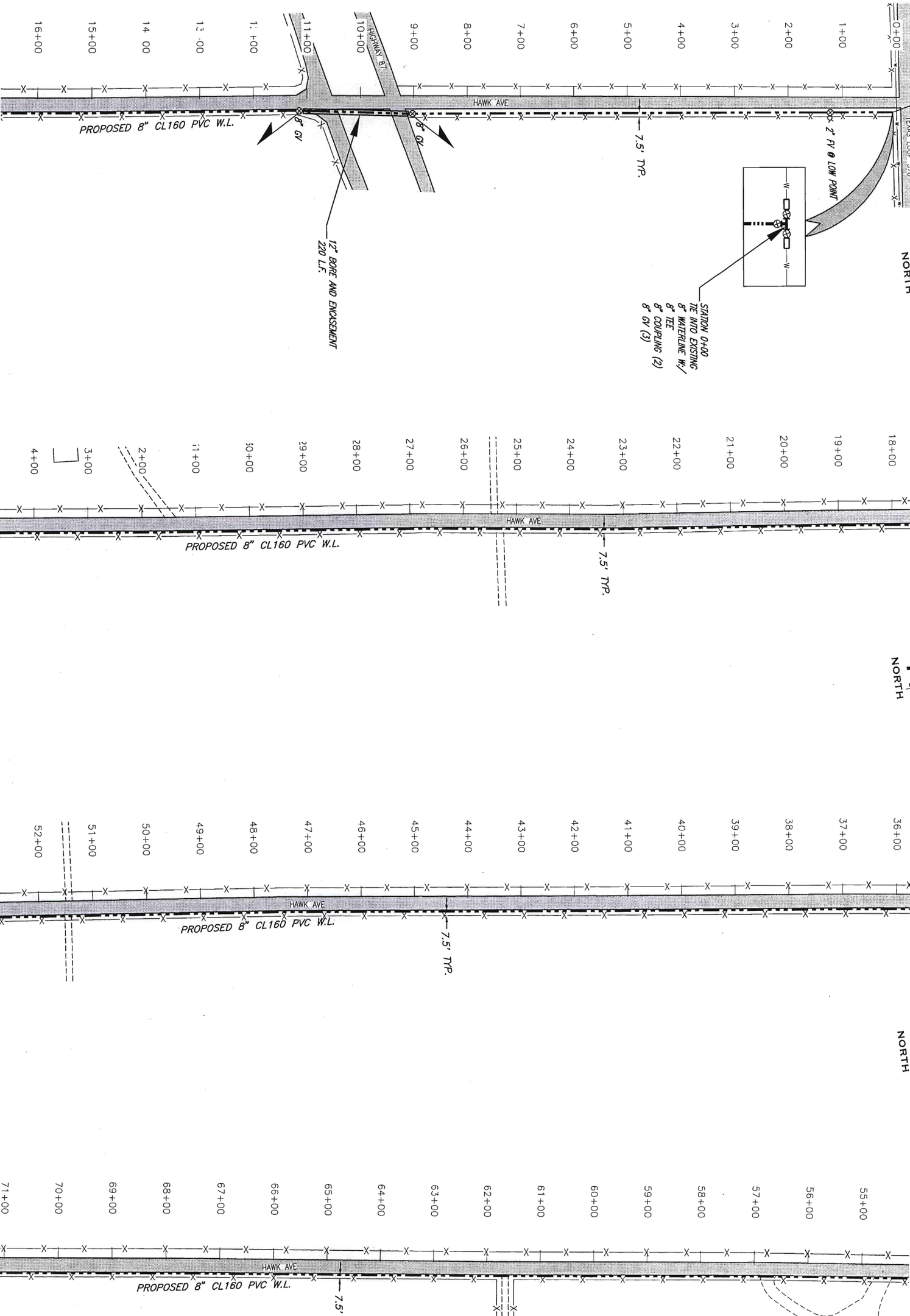
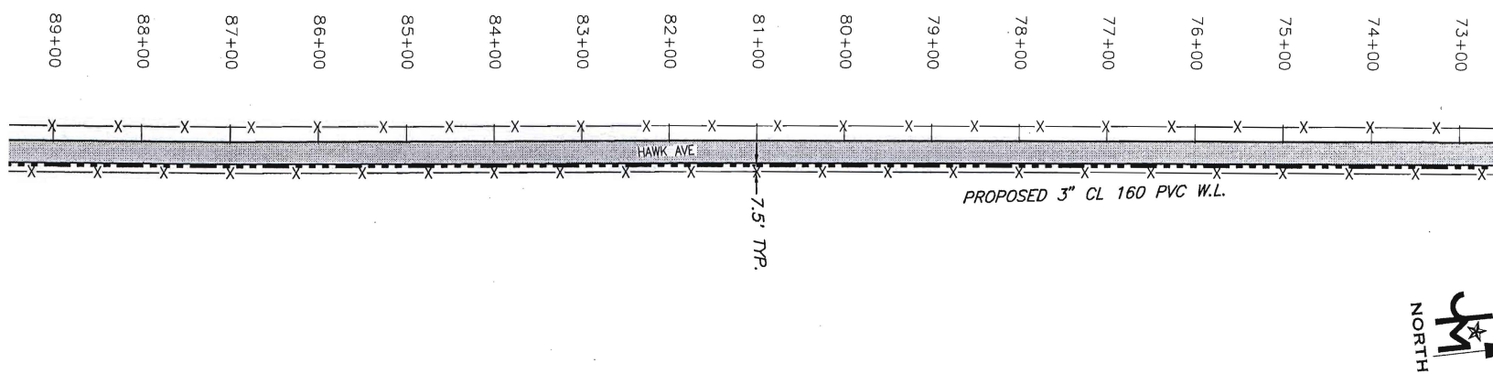
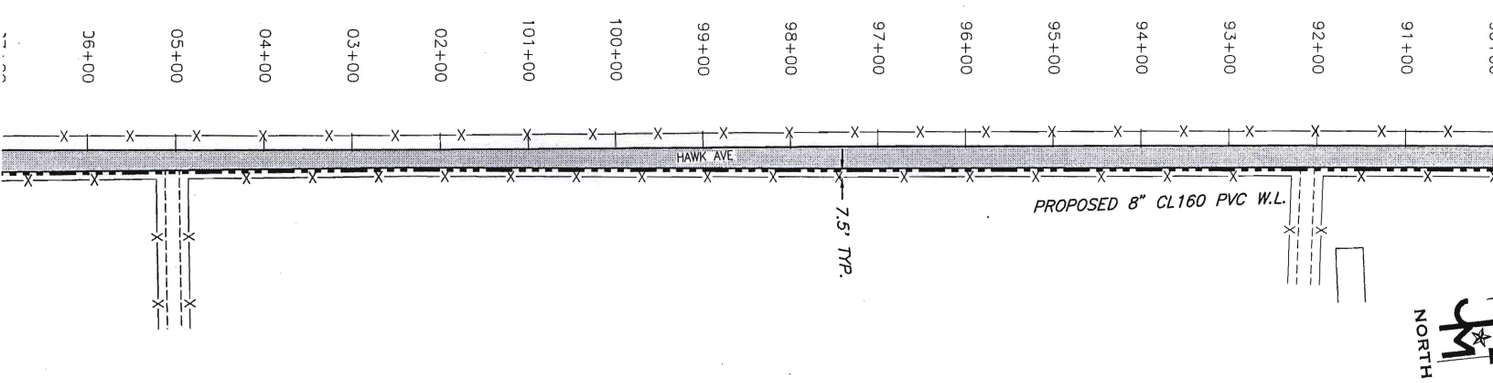

7.5' TYP.
PROPOSED 8" CL200 PVC W.L.
DEBUS RD
95+00
94+00
93+00
92+00
91+00
90+00
89+00
88+00
87+00
86+00
85+00
84+00
83+00
82+00
81+00
80+00
79+00
NORTH

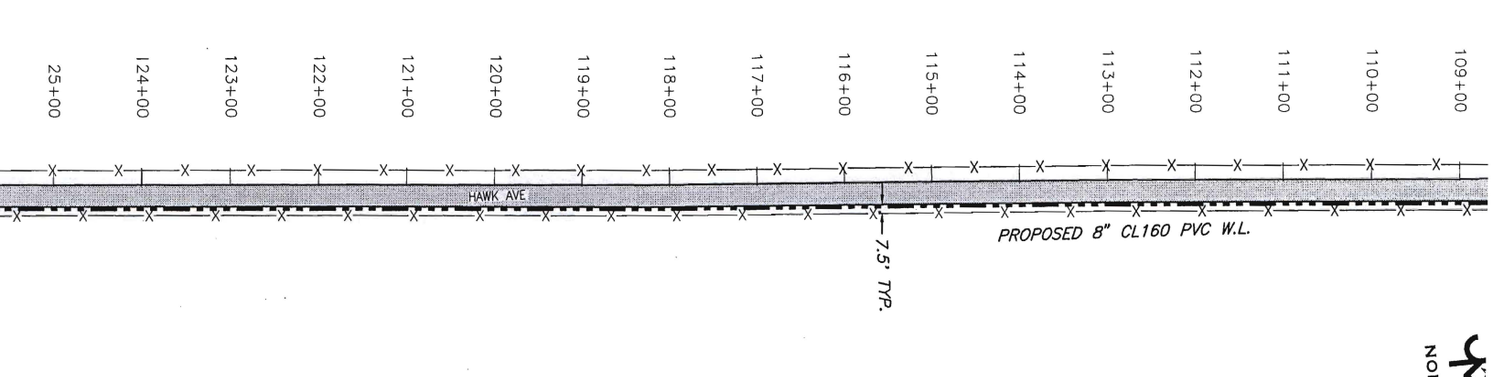

MATCHLINE STATION 119+00
SEE SHEET 06
18+00
17+00
16+00
15+00
14+00
13+00
PROPOSED 8" CL200 PVC W.L.
7.5' TYP.
KRUPOLA RD
DEBUS RD
112+00
111+00
110+00
109+00
108+00
107+00
106+00
105+00
104+00
103+00
102+00
101+00
100+00
99+00
98+00

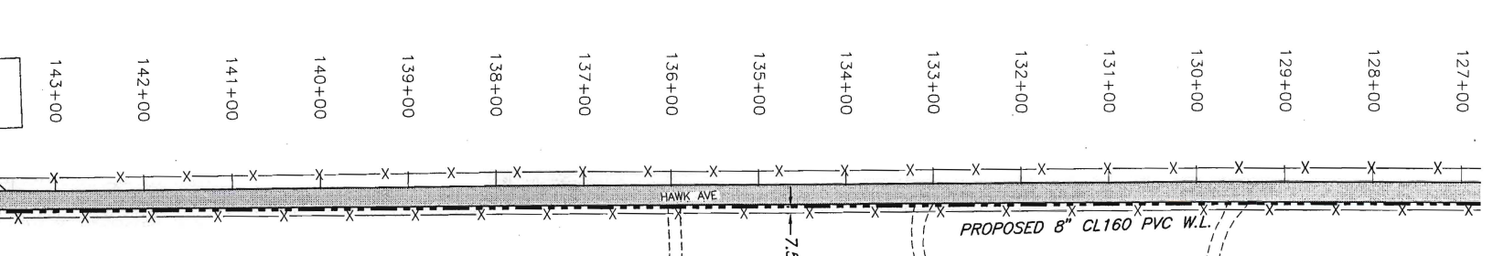

SEE THIS SHEET
MATCHLINE STATION 173+00
174+00
175+00
176+00
177+00
178+00
179+00
180+00
181+00
182+00
183+00
184+00
185+00
186+00
187+00
188+00
189+00
190+00
191+00
192+00
193+00
7.5' TYP.
PROPOSED 8" CL200 PVC W.L.
KRUPOLA RD
8 "GV
8 "GV
7.5' TYP.
STATE LOOP 306
SEE SHEET 07
MATCHLINE STATION 194+00
SEE THIS SHEET
MATCHLINE STATION 146+00
147+00
148+00
149+00
150+00
151+00
152+00
153+00
154+00
155+00
156+00
157+00
158+00
159+00
160+00
161+00
162+00
163+00
164+00
165+00
166+00
167+00
168+00
169+00
7.5' TYP.
PROPOSED 8" CL200 PVC W.L.
KRUPOLA RD
SEE SHEET 05
MATCHLINE STATION 119+00
120+00
121+00
122+00
123+00
124+00
125+00
126+00
127+00
128+00
129+00
130+00
131+00
132+00
133+00
134+00
135+00
136+00
137+00
138+00
139+00
140+00
141+00
142+00
143+00
7.5' TYP.
PROPOSED 8" CL200 PVC W.L.
KRUPOLA RD

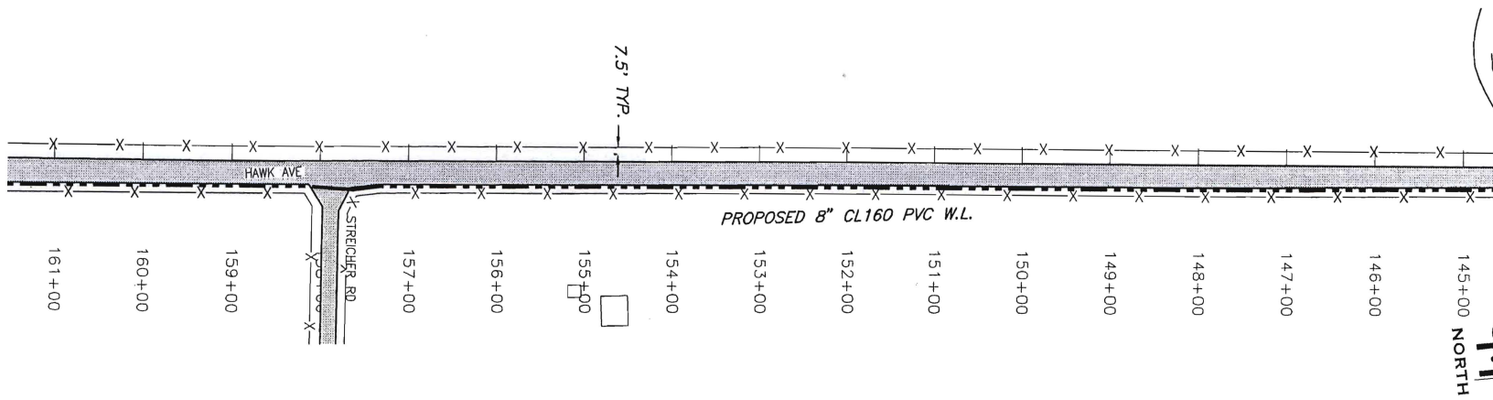

HAWK AVE
HIGHWAY 87
PROPOSED 8" CL160 PVC W.L.
8" GV
8" GV
12" BORE AND ENCASEMENT
220 L.F.
7.5' TYP.
2" FV @ LOW POINT
STATION 0+00
TIE INTO EXISTING
8" WATERLINE W/
8" TEE
8" COUPLING (2)
8" GV (3)
NORTH
HAWK AVE
PROPOSED 8" CL160 PVC W.L.
7.5' TYP.
NORTH
HAWK AVE
PROPOSED 8" CL160 PVC W.L.
7.5' TYP.
NORTH
HAWK AVE
PROPOSED 8" CL160 PVC W.L.
7.5'

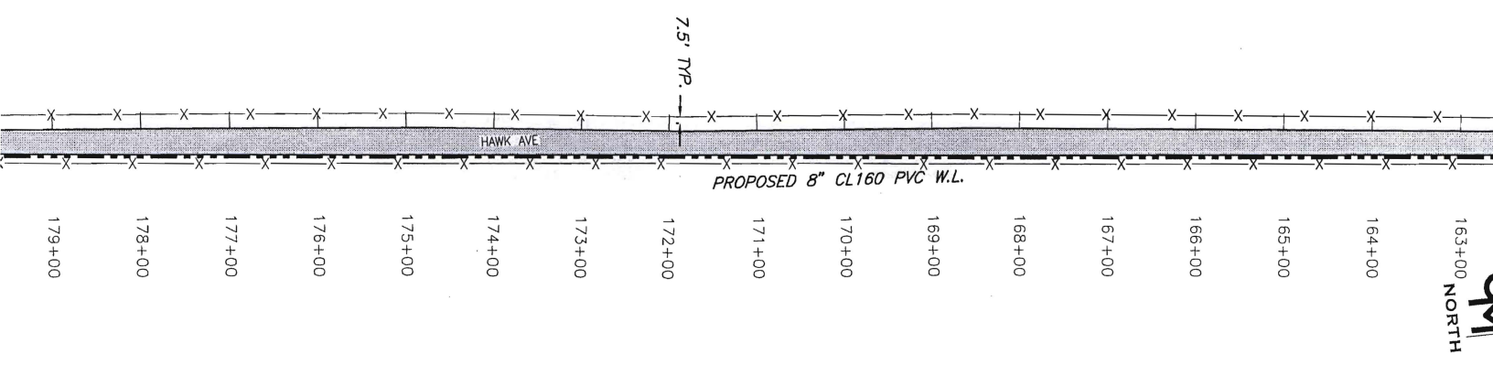

89+00
88+00
87+00
86+00
85+00
84+00
83+00
82+00
81+00
80+00
79+00
78+00
77+00
76+00
75+00
74+00
73+00
HAWK AVE.
7.5' TYP.
PROPOSED 3" CL 160 PVC W.L.
NORTH

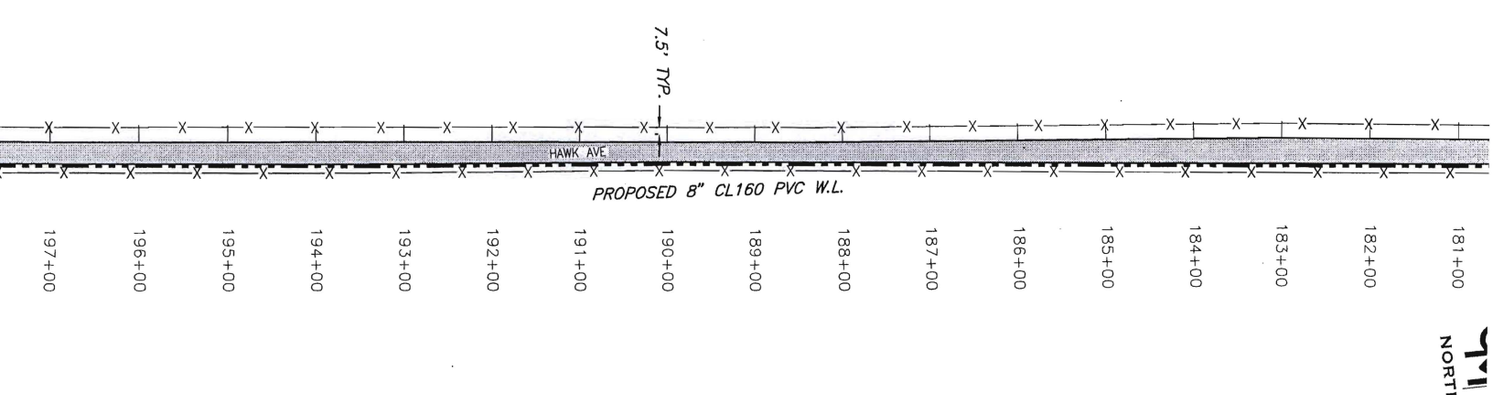

96+00
95+00
94+00
93+00
92+00
91+00
HAWK AVE.
7.5' TYP.
PROPOSED 8" CL160 PVC W.L.
NORTH

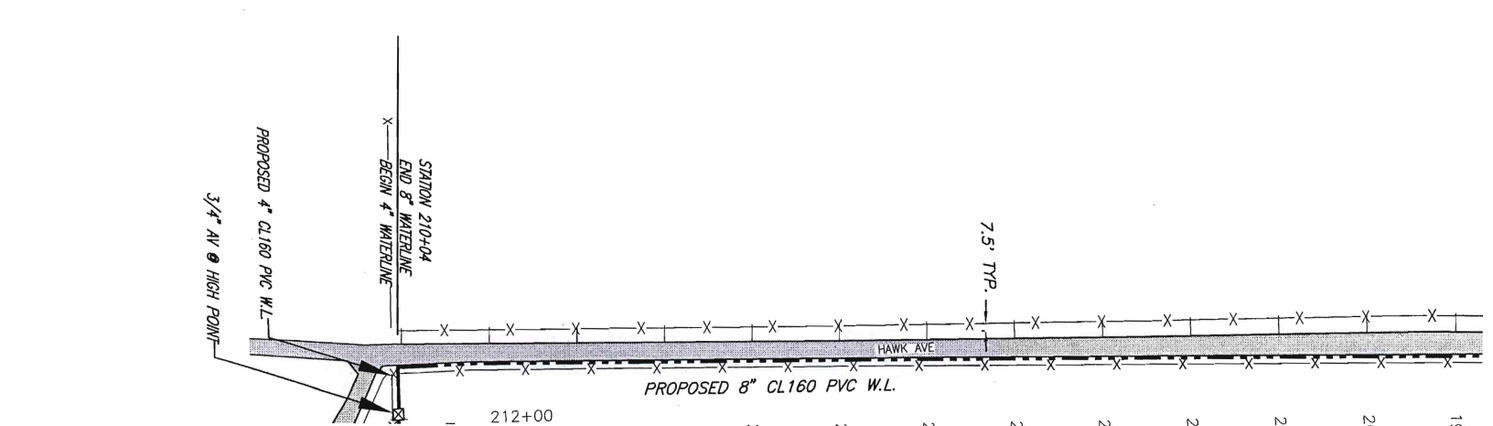

25+00
124+00
123+00
122+00
121+00
120+00
119+00
118+00
117+00
116+00
115+00
114+00
113+00
112+00
111+00
110+00
109+00
HAWK AVE.
7.5' TYP.
PROPOSED 8" CL160 PVC W.L.
NORTH

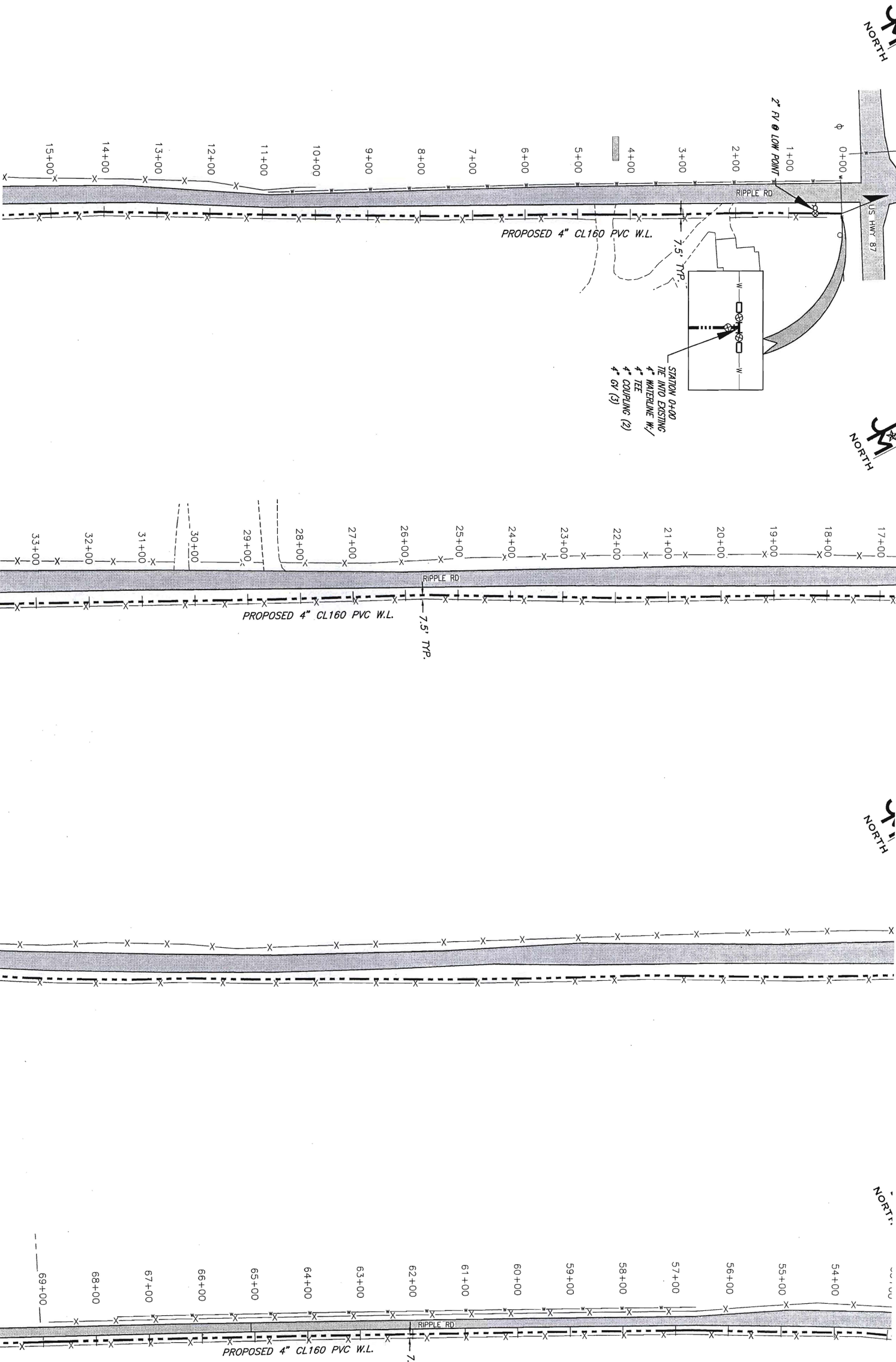

143+00
142+00
141+00
140+00
139+00
138+00
137+00
136+00
135+00
134+00
133+00
132+00
131+00
130+00
129+00
128+00
127+00
HAWK AVE.
PROPOSED 8" CL160 PVC W.L.

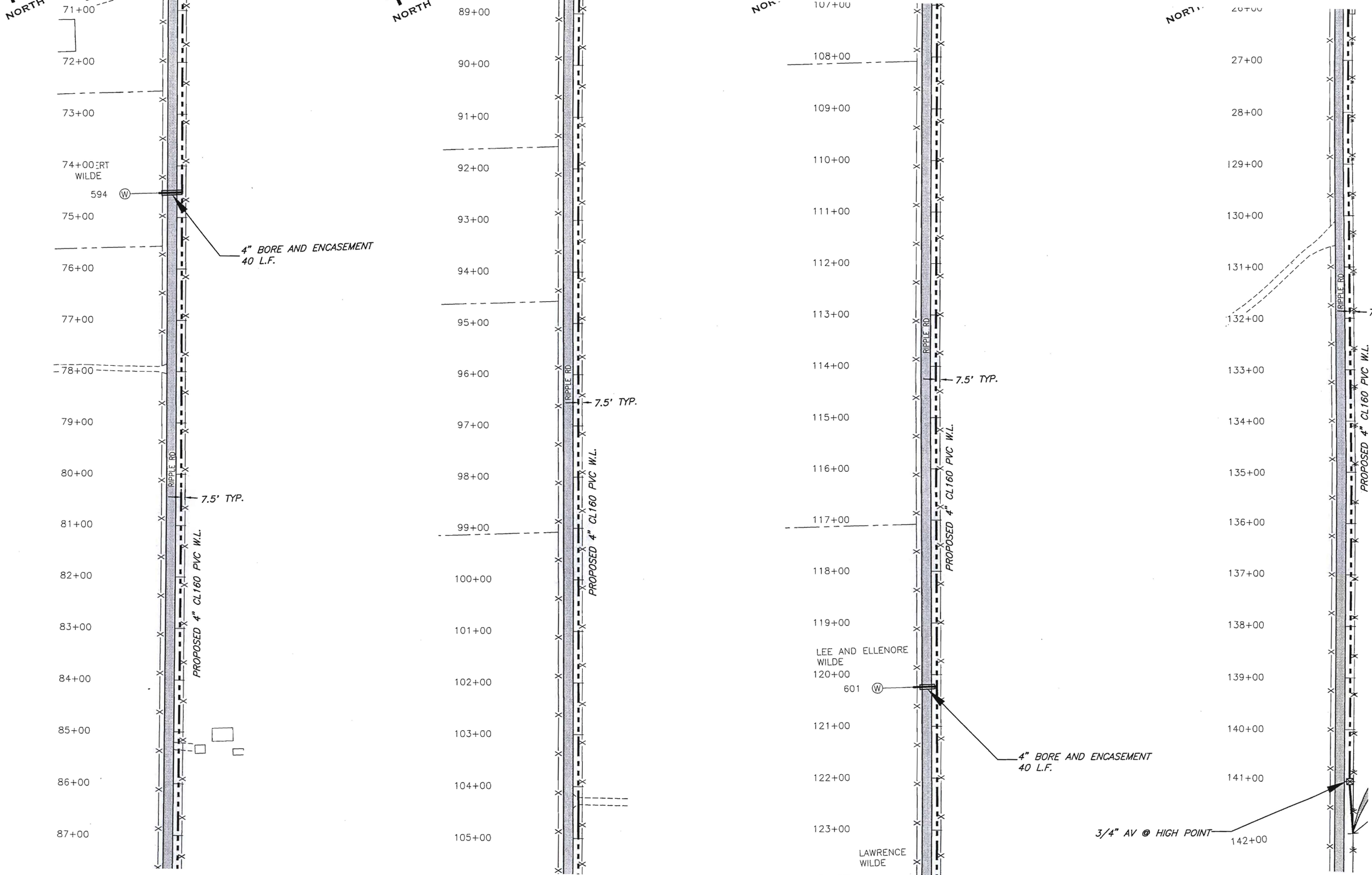

7.5' TYP.
HAWK AVE
STRECKER RD
PROPOSED 8" CL160 PVC W.L.
161+00
160+00
159+00
157+00
156+00
155+00
154+00
153+00
152+00
151+00
150+00
149+00
148+00
147+00
146+00
145+00
NORTH


7.5' TYP.
HAWK AVE
PROPOSED 8" CL160 PVC W.L.
179+00
178+00
177+00
176+00
175+00
174+00
173+00
172+00
171+00
170+00
169+00
168+00
167+00
166+00
165+00
164+00
163+00
NORTH


7.5' TYP.
HAWK AVE
PROPOSED 8" CL160 PVC W.L.
197+00
196+00
195+00
194+00
193+00
192+00
191+00
190+00
189+00
188+00
187+00
186+00
185+00
184+00
183+00
182+00
181+00
NORTH


PROPOSED 4" CL160 PVC W.L.
STATION 210+04
END 8" WATERLINE
BEGIN 4" WATERLINE
3/4" AV @ HIGH POINT
7.5' TYP.
HAWK AVE
PROPOSED 8" CL160 PVC W.L.
212+00


NORTH
2" AV @ LOW POINT
0+00
1+00
2+00
3+00
4+00
5+00
6+00
7+00
8+00
9+00
10+00
11+00
12+00
13+00
14+00
15+00
RIPPLE RD
US HWY 87
PROPOSED 4" CL160 PVC W.L.
7.5' TYP.
STATION 0+00
TIE INTO EXISTING
4" WATERLINE W./
4" TEE
4" COUPLING (2)
4" GV (3)
NORTH
17+00
18+00
19+00
20+00
21+00
22+00
23+00
24+00
25+00
26+00
27+00
28+00
29+00
30+00
31+00
32+00
33+00
RIPPLE RD
PROPOSED 4" CL160 PVC W.L.
7.5' TYP.
NORTH
54+00
55+00
56+00
57+00
58+00
59+00
60+00
61+00
62+00
63+00
64+00
65+00
66+00
67+00
68+00
69+00
RIPPLE RD
PROPOSED 4" CL160 PVC W.L.



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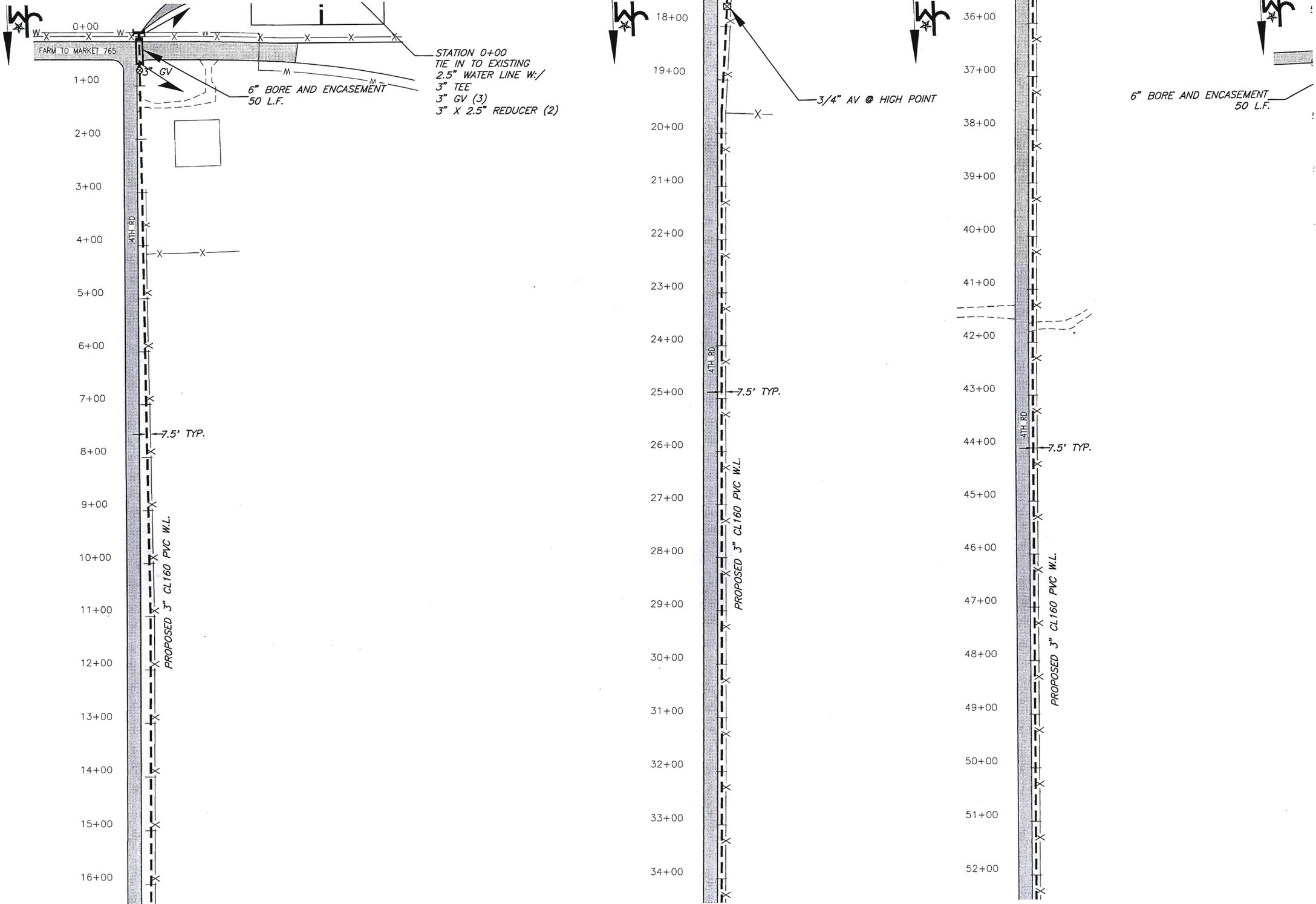

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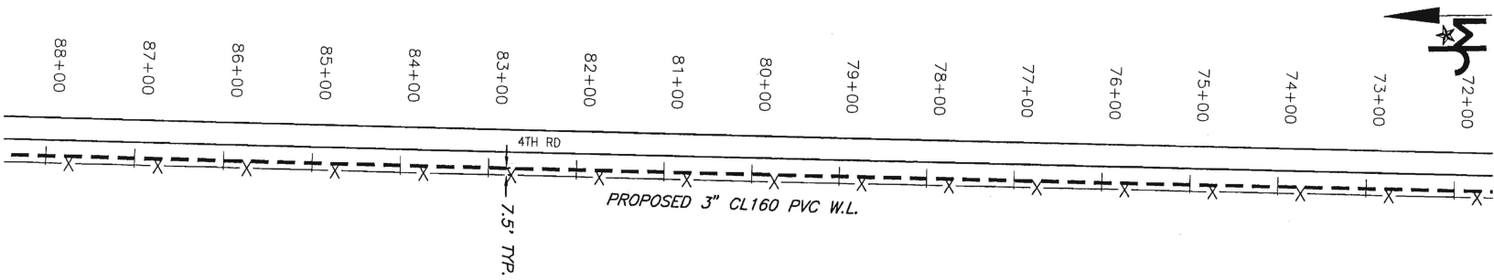
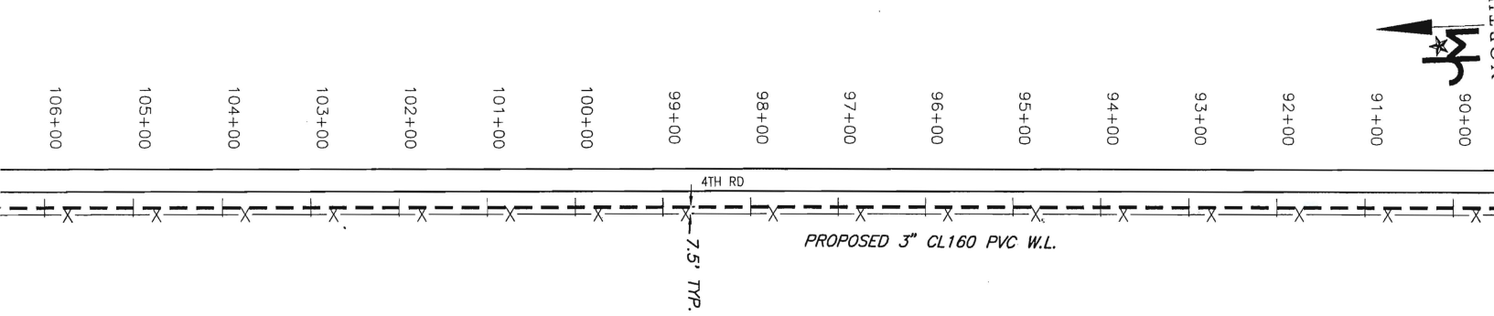
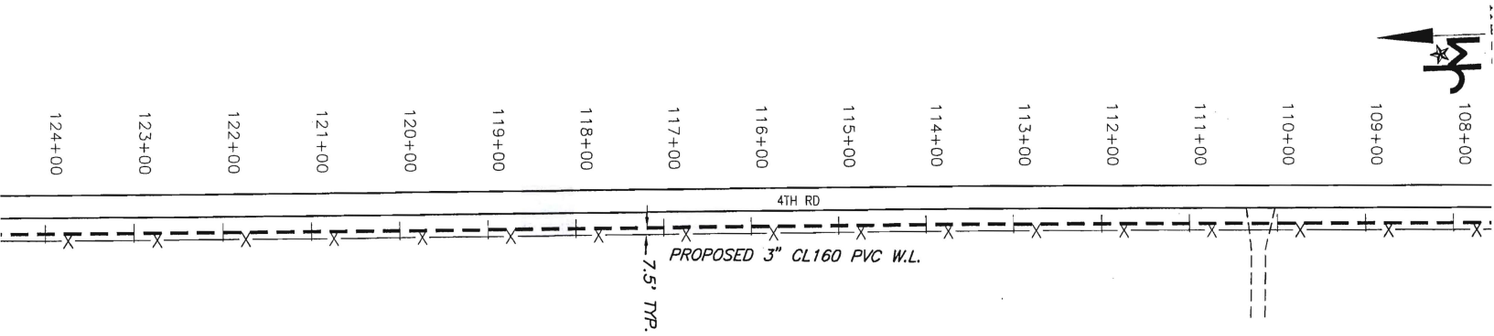
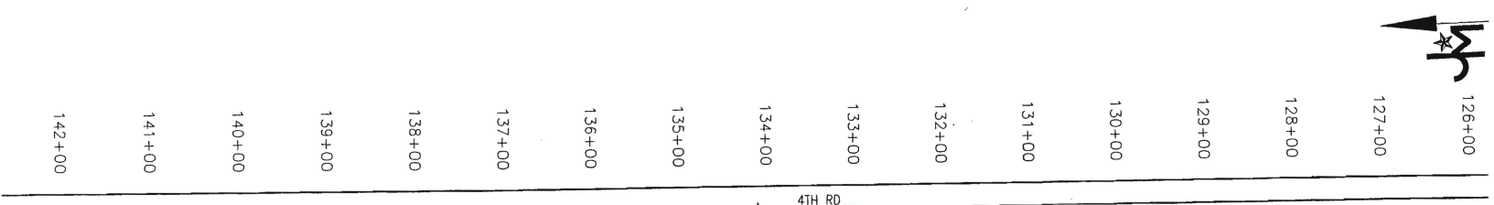


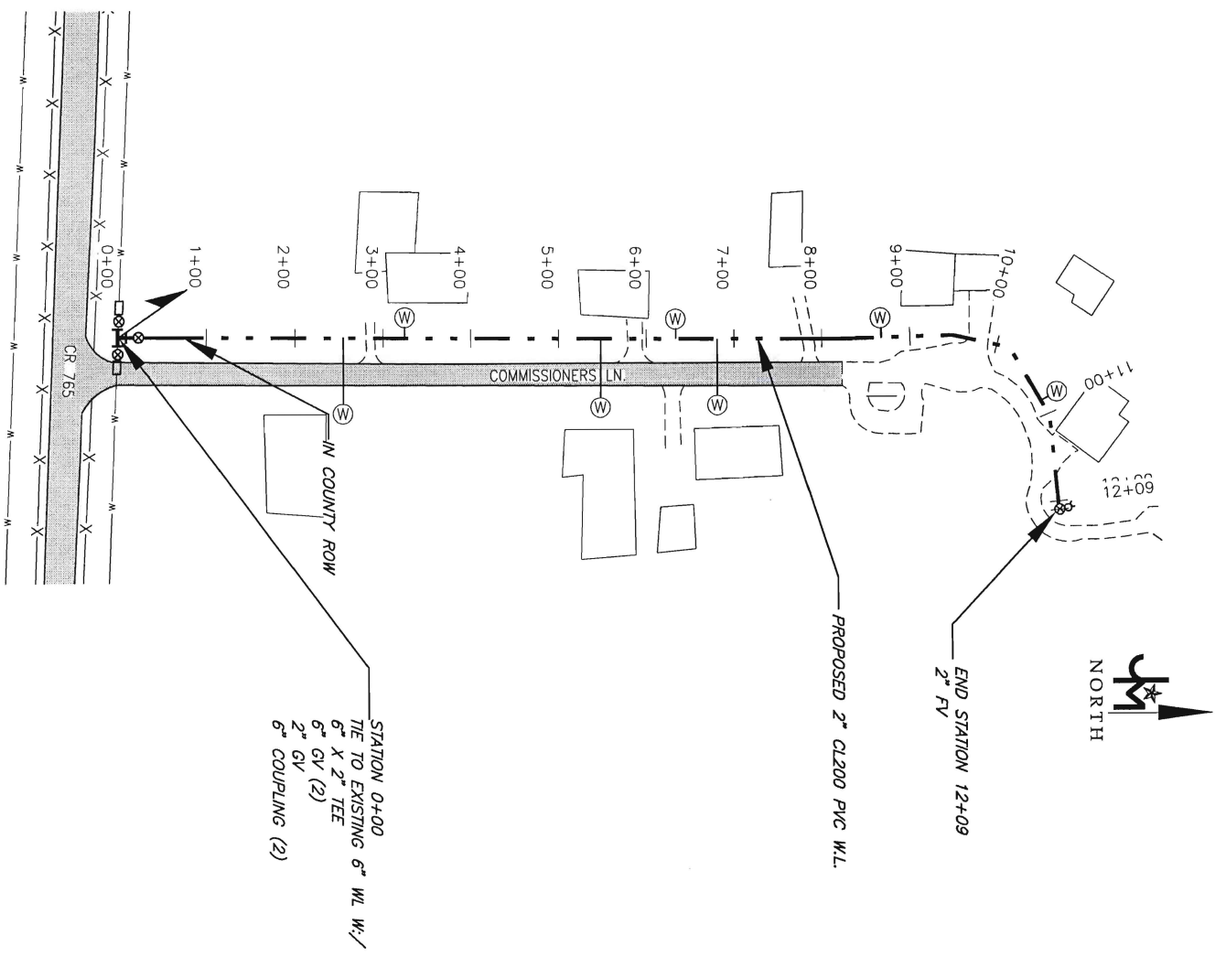


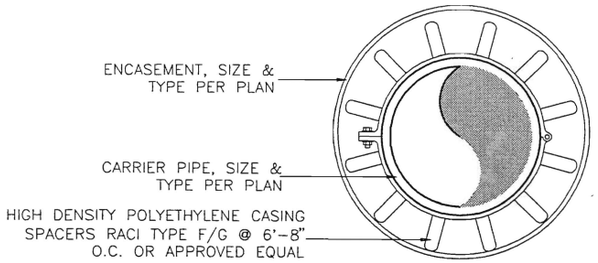




NORTH
144+00
145+00
146+00
147+00
148+00
149+00
150+00
151+00
152+00
153+00
154+00
155+00
156+00
157+00
158+00
159+00
160+00
4TH RD
PROPOSED 3" CL160 PVC W.L.
7.5' TYP.

NORTH
6" OPEN CUT AND ENCASEMENT 50 L.F.
SEE THIS SHEET MATCHLINE STATION 166+00
166+00
164+00
3" GV
163+00
162+00
165+00
4TH RD
7.5' TYP.
FARM TO MARKET 388
STATION 164+28 TIE IN TO EXISTING 2.5" WATERLINE W/ 3" X 2.5" REDUCER 3" TEE 3" GV (3)


CR 765
COMMISSIONERS LN.
0+00
1+00
2+00
3+00
4+00
5+00
6+00
7+00
8+00
9+00
10+00
11+00
12+09
IN COUNTY ROW
STATION 0+00
TIE TO EXISTING 6" WL W/:
6" X 2" TEE
6" GV (2)
2" GV (2)
6" COUPLING (2)
PROPOSED 2" CL200 PVC W.L.
END STATION 12+09
2" FV
NORTH

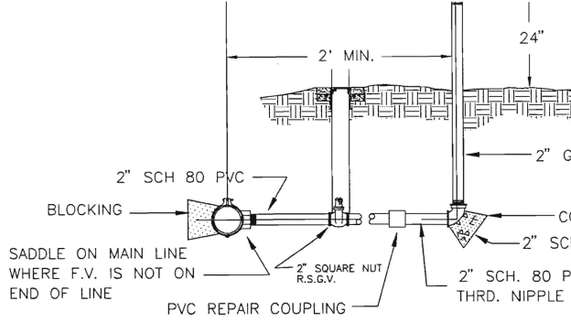


SPACER SECTION DETAIL

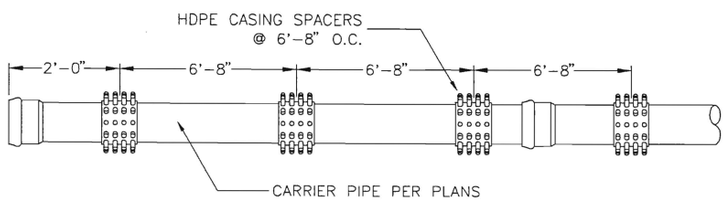
NOTE:

1.) IF THE REQUIRED LENGTH OF THE BORE IS GREATER THAN SHOWN ON THE PLANS THE CONTRACTOR SHALL GET PERMISSION FROM THE ENGINEER BEFORE MAKING THE BORE. IF THE REQUIRED BORE LENGTH IS LESS THAN THAT SHOWN ON THE PLANS THE CONTRACTOR SHALL BE PAID FOR THE REQUIRED LENGTH.

2.) ALL OPEN CUT AND ENCASEMENT SHALL INCLUDE CASING SPACERS FOR THE CARRIER PIPE.

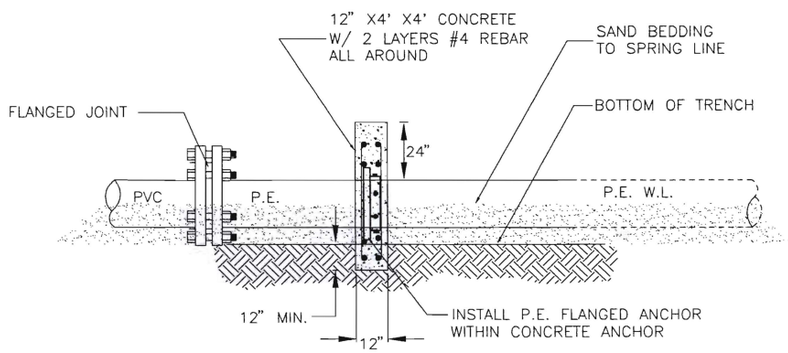


2" FLUSH VALVE

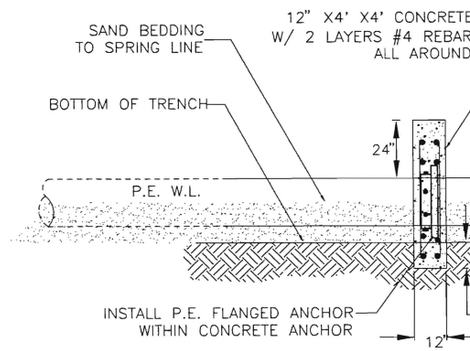


SPACING DETAIL

ENCASEMENT SPACER DETAILS

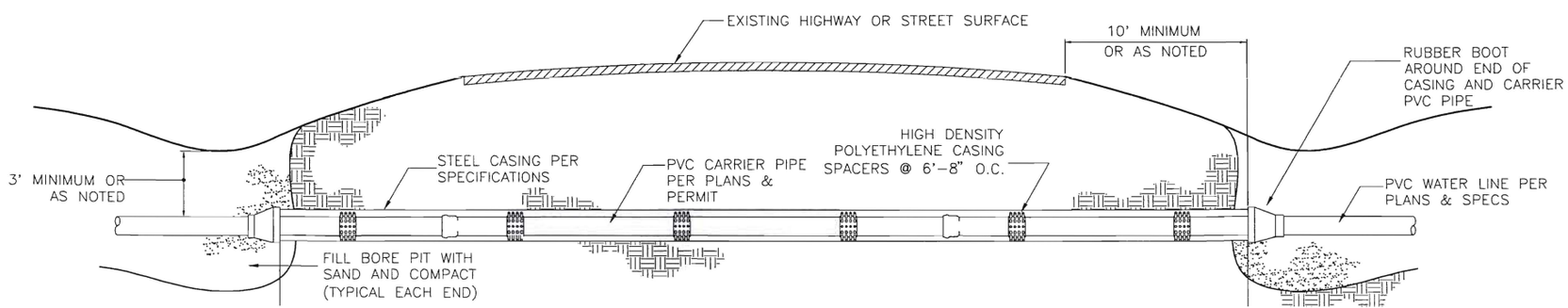


SECTION



SECTION

CONCRETE ANCHOR DETAILS FOR DIRECTIONAL BORES



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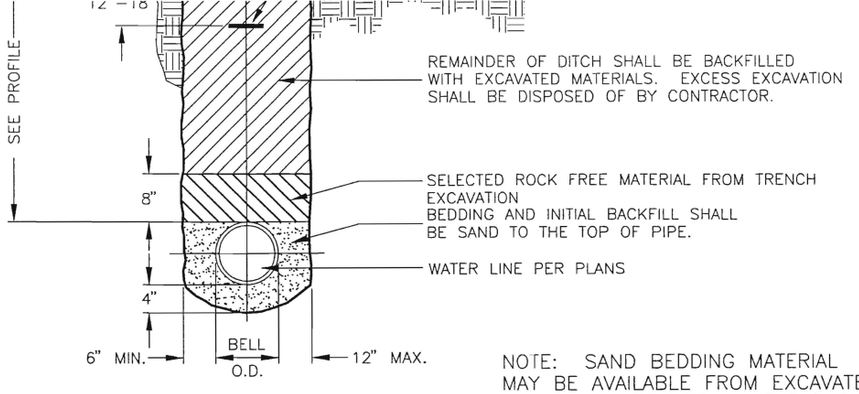
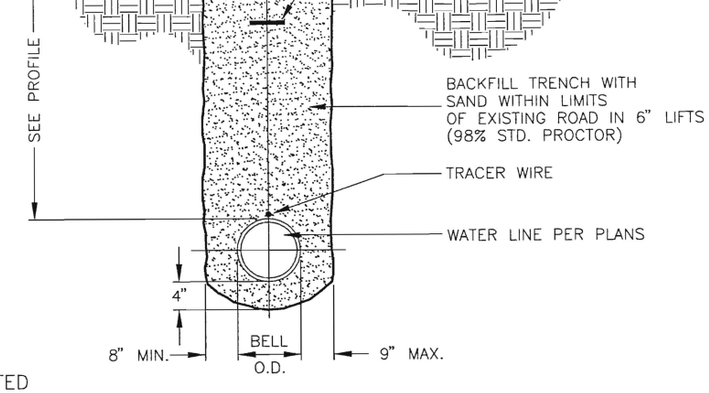
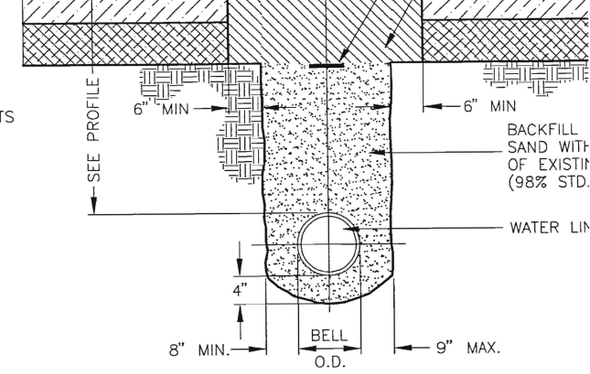


NOTE: SAND BEDDING MATERIAL MAY BE AVAILABLE FROM EXCAVATED FINES AS APPROVED BY THE ENGINEER.





TYPICAL CROSS COUNTRY

TRENCH CROSSING UNPAVED TXDOT & COUNTY R.O.W.

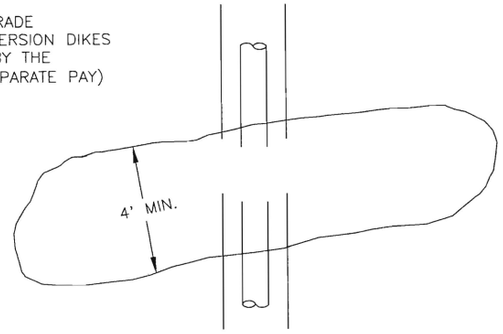
TRENCH CROSSING EXISTING PAVEMENT

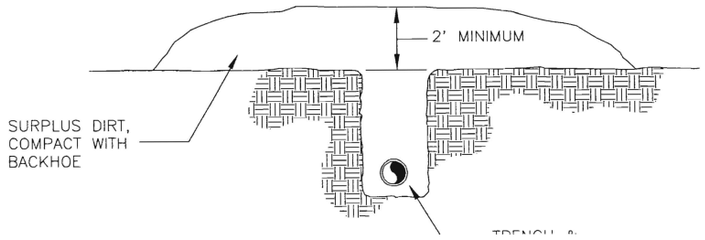
TYPICAL WATER LINE TRENCH SECTIONS

NOTE:
WHERE CROSSING EXISTING ASPHALT, THE EN
EXCEPT FOR THE TOP 14", SHALL BE BACKF
COMPACTED. 12" OF 2 SACK CEMENT FLOW
COLD MIX SHALL BE INSTALLED.

UNPAVED GRAVEL SURFACES SHALL RECEIVE
FILL, AND 6" CRUSHED LIMESTONE BASE. N
FOR ASPHALT OR GRAVEL REPAIR.

NOTE: CONTRACTOR SHALL GRADE ADJACENT SOIL TO FORM DIVERSION DIKES WHERE OR AS DETERMINED BY THE OWNER & ENGINEER. (NO SEPARATE PAY)





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