SHEET 11

SHEET 12

SHEET 10

SHEET 9

SHEET 8

SHEET 7

SHEET 6

SHEET 5

SHEET 4

SHOCK'S ADD'N

SHERWOOD FOREST

NORRIS HEIGHTS

BABY FARMS

FALL CREEK HEIGHTS

PARADISE VILLAGE

VILLAGE COLONY

BALLARDS ADD'N.

STOTTLEMYER ADD'N.

ROSE ADD'N.

MARA MEADOWS

PENDLE HILL

FIDDLER'S GREEN

MUSGERS ADD'N.

REGENCY M.H.P.

FALCONHURST

PENDLETON

STATE REFORMATORY

LANTERN MEADOWS

INGALLS

PENTACOSTAL CAMP

LICK

FORTVILLE

WEST MARKLEVILLE

MARKLEVILLE

PRAIRIE CREEK

FALL CREEK

FALL

CREEK

CREEK

RECORD DRAWINGS

FALL CREEK WASTEWA

STATE REFORMATORY

REFORMATORY MAIN L.S.

18" F.M.

DIVISION "B" CONTRACT

18" F.M.

DIVISION "B" CONTRACT

18" F.M.

ST. RD. 67

CO. RD. 900 S.

A.R.V.

DIV. "B" CONTRACT

CONRAIL

R.R.

PENDLETON AVE

ST. RD. 67

SHEET 18

SHEET 13

SHEET 17

SHEET 16

SHEET 14

SHEET 14

MH (131) BY DIVISION "B"
DIVISION "C" BEGINS

GREEN

RD. 9

MICHELLE LN.

FAIRFIELD LN

WOODLAND DR.

WOODLAND DR.

ILLEGEND

GRAVITY SEWER MAIN
FORCE MAIN
MANHOLE
PRESSURE SEWER
FLOW DIRECTION
MANHOLE NO.
PLAN SHEET NO.
SHEET REVERSE MANHOLES
LIFT STATION
BORE AND JACK
VALVE BOX
AIR RELEASE MH
CLEANOUT

RECORD DRAWING

FALL CREEK WASTEWATER FACILITIES

SEWER SYSTEM LAYOUT

BEAM LONGEST

SHEET 20

12" FM

A.R.V.

R.R.

67

C.O.

LEGEND

- GRAVITY SEWER LINES
- FORCE MAIN
- MANHOLE
- PRESSURE SEWER LINES
- FLOW DIRECTION
- (32) MANHOLE Nº
- 69 PLAN SHEET Nº
- SHEET COVERAGE ARROWS
- LIFT STATION
- BORE AND JACK
- VALVE BOX
- A.R.V. AIR RELEASE VALVE
- C.O. CLEANOUT

CONRAIL

RD.

12" FM

ST.

SHEET 19

A.R.V.

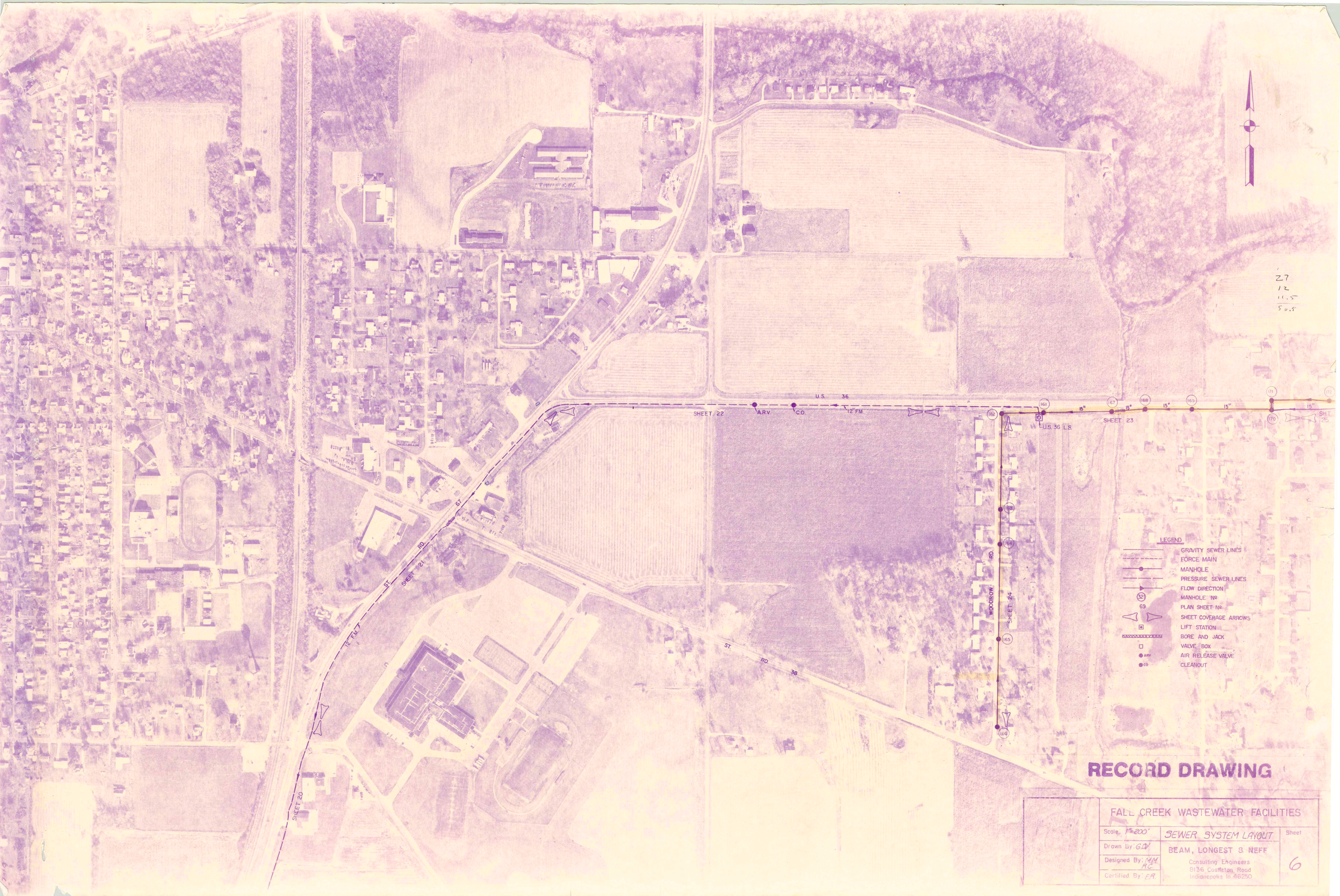
SHEET 18

RECORD DRAWING

FALL CREEK WASTEWATER FACILITIES

Scale: 1"=200'	SEWER SYSTEM LAYOUT
Drawn By: JB	BEAM, LONGEST & NEFF
Designed By: MM, RC	Consulting Engineers, 6135 Castleton Road, Indianapolis IN 46250
Checked By: ER	

Sheet 5



27
12
11.5
50.5

RECORD DRAWING

FALL CREEK WASTEWATER FACILITIES		
Scale: 1"=200'	SEWER SYSTEM LAYOUT	Sheet
Drawn By: GDV	BEAM, LONGEST & NEFF	6
Designed By: MM, BC	Consulting Engineers	
Certified By: ER	8136 Castleton Road, Indianapolis IN 46250	

REGENCY M.H.P. L.S.

LINE "M" 2" F.M.

SHEET 30

SHEET 25

SHEET 23

U.S. 36

12" F.M.

A.R.V.

C.O.

SHEET 26

SHEET 30

12" F.M.

SHEET

150 WEST

LINE "FH"

2½" F.M.

SHEET 29

JULIE ANN DR.

JAMALEE WAY

SHEET 27

SHEET 27

BRENRICH RD.

SHEET 28

RUN

FALCON

SHEET 28

WESTBURY

HILLSBORO DR.

SHEET 27

FALCONHURST L.S.

LINE "FR"

LEGEND

- GRAVITY SEWER LINES
- FORCE MAIN
- MANHOLE
- PRESSURE SEWER LINES
- FLOW DIRECTION
- MANHOLE Nº
- PLAN SHEET Nº
- SHEET COVERAGE ARROWS
- LIFT STATION
- BORE AND JACK
- VALVE BOX
- AIR RELEASE VALVE
- CLEANOUT

RECORD DRAWING

FALL CREEK WASTEWATER FACILITIES

Scale: 1"=200'	SEWER SYSTEM LAYOUT	Sheet
Drawn By: G.D.	BEAM, LONGEST & NEFF	7
Designed By: M.M. R.C.	Consulting Engineers 8136 Castleton Road Indianapolis In. 46250	
Certified By: E.R.		

C.R. 550 SOUTH

257 258 259 260 262

SHEET 46

2" F.M.

C.R. 550 S L.S.

12"

241

SHEET 46

12"

240

12"

239

2"

238

237

AVE.

12"

SHEET 45

236

12"

MADISON

12"

235

234

12"

SHEET 44

233

2"

232

C.R. 100W L.S.

SHEET 44

204

SHEET 49

SEYBERT ROAD

252 249 250

SHEET 48

255 248

ROWENA COURT

SHEET 48

254

LINE "RS"

247

SEYBERT

SHEET 49

256 C.R. 575 246

253 SHEET 45 245

LINE "RA"

244

SHEET 47

SOUTH

ST.

MAIN

10 of 13

LEGEND

- GRAVITY SEWER LINES
- FORCE MAIN
- MANHOLE
- PRESSURE SEWER LINES
- FLOW DIRECTION
- (32) MANHOLE Nº
- 69 PLAN SHEET Nº
- SHEET COVERAGE ARROWS
- LIFT STATION
- BORE AND JACK
- VALVE BOX
- ARV AIR RELEASE VALVE
- CO CLEANOUT

RECORD DRAWING

FALL CREEK WASTEWATER FACILITIES

Scale: 1"=200'	SEWER SYSTEM LAYOUT	Sheet
Drawn By: G.D.	BEAM, LONGEST & NEFF	9
Designed By: M.M. A.C.	Consulting Engineers 8136 Castleton Road Indianapolis In. 46250	
Certified By: E.R.		

PARADISE VILLAGE L.S.

261

SHEET 51

10" PVC

AVE.

A.R.V.

CO. RD. 500 SOUTH

(ALLIANCE RD.)

SHEET 67

WHITEHALL WAY

SHT 68

COLONIAL ST.

ORLEANS DR.

SHEET 67

RD.

SHEET 68

PLANTATION

SHEET 69

ESTATE ST.

SHEET 65

SHEET 69

SHEET 64

ST.

SHEET 62

10"

SHEET 63

MAIN

FRANK

MADISON

SHEET 50

A.R.V.

CO RD 100 WEST

12"

SHEET 46

CO. RD. 550 SOUTH

C.R.550 S. L.S.

SHEET 46

SHEET 49

SEYBERT RD.

LEGEND

- GRAVITY SEWER LINES
- FORCE MAIN
- MANHOLE
- PRESSURE SEWER LINES
- FLOW DIRECTION
- (52) MANHOLE Nº
- 69 PLAN SHEET Nº
- SHEET COVERAGE ARROWS
- LIFT STATION
- BORE AND JACK
- VALVE BOX
- ARV AIR RELEASE VALVE
- CO CLEANOUT

RECORD DRAWING

FALL CREEK WASTEWATER FACILITIES

Scale: 1"=200'	SEWER SYSTEM LAYOUT	Sheet
Drawn By: GLW	BEAM, LONGEST & NEFF	10
Designed By: M.M. A.C.	Consulting Engineers 8136 Castleton Road Indianapolis In. 46250	
Certified By: E.R.		

I - 69 (SOUTHBOUND)

I - 69 (NORTHBOUND)

63 TH ST.

66 TH ST.

SHEET 71

LINE "SL"

FLETCHER AVE.

SHEET 71

SHEET 70

SHEET 70

SHEET 54

SHEET 56

SHEET 57

SHEET 58

SHEET 59

SHEET 60

SHEET 61

SHEET 62

SHEET 63

SHEET 64

SHEET 65

SHEET 66

SHEET 55

SHEET 53

SHEET 52

SHEET 51

SHEET 47

STONER AVE

HENDRICKS ST.

SHERMAN ST.

SHERIDAN ST.

FAIRVIEW ST.

DELAWARE ST.

JACKSON ST.

MERIDIAN ST.

MAIN ST.

LINCOLN ST.

MADISON ST.

HENDRICKS ST.

ERNIE - LU AVE.

IMY LANE

SPRING MILL RD.

FALL CREEK DR.

RECORDS DR.

NORRIS ST.

WHITEHALL WAY

SLACK DR.

8" F.M.

10" F.M.

PARADISE VILLAGE L.S.

NORRIS HEIGHTS L.S.

12"

10"

LEGEND

- GRAVITY SEWER LINES
- FORCE MAIN
- MANHOLE
- PRESSURE SEWER LINES
- FLOW DIRECTION
- (52) MANHOLE Nº
- 69 PLAN SHEET Nº
- SHEET COVERAGE ARROWS
- LIFT STATION
- BORE AND JACK
- VALVE BOX
- ARV AIR RELEASE VALVE
- CO CLEANOUT

RECORD DRAWING

FALL CREEK WASTEWATER FACILITIES		
Scale: 1" = 200'	SEWER SYSTEM LAYOUT	Sheet 11
Drawn By: G.D.V.	BEAM, LONGEST & NEFF	
Designed By: M.M. A.C.	Consulting Engineers 8136 Castleton Road Indianapolis, In. 46250	
Certified By: E.R.		

SHEET 70
SHEET 55
SHEET 55
8" FM.
NORRIS HEIGHTS L.S.
NORRIS DR
SHEET 66
SHEET 62
SHEET 67
WHITEHALL WAY
SHT 67
DR
SHEET 68
PLANTATION ESTATE ST.
SHEET 69
SHEET 69
75 TH ST
SHEET 65
CO. RD. 500 SOUTH
SHEET 64
SHEET 63
FLETCHER
SHEET 64
77 TH ST
SHEET 64
SHEET 76
4" F.M.
SHEET 76
CO. RD. 500 SOUTH
SHEET 76
SHEET 74
SPRAGUE RD.
SHEET 73
LINE "BF"
SHEET 73
SHEET 72
4" FM.
SHEET 72
BARY FARMS L.S.
ARV
CATALPHA DR
SHEET 75
SHEET 75
109 RD.
SHEET 75
SHEET 73
SHEET 72

LEGEND
- GRAVITY SEWER LINES
- FORCE MAIN
- MANHOLE
- PRESSURE SEWER LINES
- FLOW DIRECTION
- MANHOLE NR
- PLAN SHEET NR
- SHEET COVERAGE ARROWS
- LIFT STATION
- BORE AND JACK
- VALVE BOX
- ARV AIR RELEASE VALVE
- CO CLEANOUT

RECORD DRAWING

FALL CREEK WASTEWATER FACILITIES

Scale: 1"=200'	SEWER SYSTEM LAYOUT	Sheet
Drawn By: G.D.	BEAM, LONGEST & NEFF	12
Designed By: M.M. A.C.	Consulting Engineers 8136 Castleton Road Indianapolis In. 46250	
Certified By: E.A.		

15 of 18

PLAN
NOTE EQUIP.
NO.

PROFILE
NOTE EQUIP.
NO.

STATE ROAD 67

Division "C" Starts Outside MH (131)

304 Rt

MH (131)

App. Rt

MH (132)

App. Rt

MH (133)

1177+10.89 S.R.67

306

MH (134)

App. Rt

Matchline Sta 123+00

MH (131) 8.0W 18"
+34.33 RA

Begin Div. "C"

El. 860.01 "E"
El. 857.90 "N"

259'-18" @ 0.50%

MH (132)
+34.84 RA

El. 860.87 "E"
El. 860.67 "W"

473'-18" @ 0.34%

MH (133)
+29.70 RA

El. 862.49 "E"
El. 862.49 "W"

580'-18" @ 0.29%

MH (134)
+31.26 RA

El. 864.37 "E"
El. 864.17 "W"

See Below Lt.

Matchline Sta 231+00 - See Bottom Lt

880
870
860
850

109 110 111 112 113 114 115 116 117 118 119 120 121 122 123

Matchline Sta 231+00

MH (135)

App. Rt

See Sht #18

+50' TC

MH (136)

STATE ROAD 9

+50 Rt

Asphalt Path 5' Wide

See Sht #17

App. Rt

MH (137)

+TC 110

Temp. Esmt for Constr.

CC 75'

+50' TC

T30+100.00 S.R.67
391+28.19 S.R.9

STATE ROAD 67

307

MH (138)

MH (139)

App. Rt

MH (140)

See Sht # 18

App. Rt

Matchline Sta 231+00 - See Above Rt

MH (135)
+29.84 RA

El. 865.97 "SE"
El. 865.87 "W"

544'-18" @ 0.23%

See Sht # 18

Easement 5+60-58
(Portion Perm. Esmt
ending MH 137)

880
870
860

123 124 125 126 127 128 129 130

RECORD DRAWING

STATE ROAD 67		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50' VERT. 1"=10'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	13

PLAN
NOTE BOOK
NO.

PROFILE
NOTE BOOK
NO.

WOODLAND ENTRY & DR./FAIRFIELD LN.
MICHELLE LANE

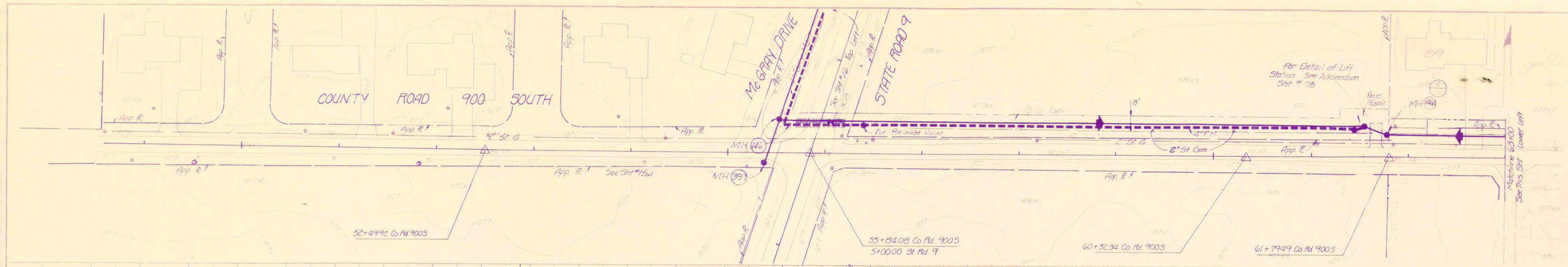
FALL CREEK R.W.D. PLAN & PROFILE

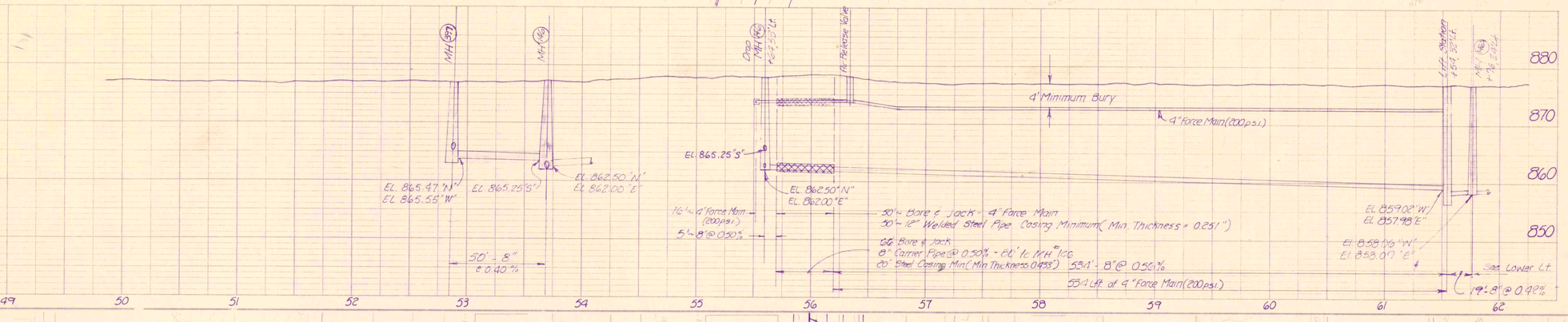
HORIZ. 1"=50'
VERT. 1"=10'

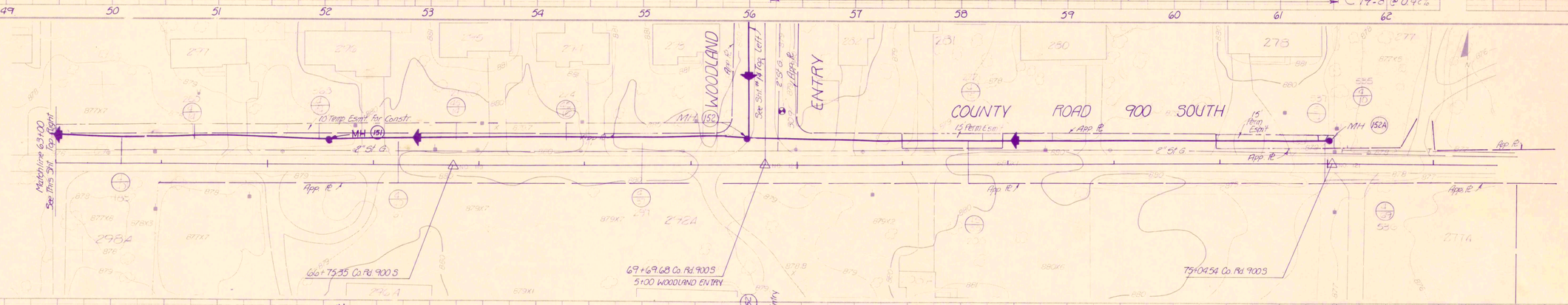
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

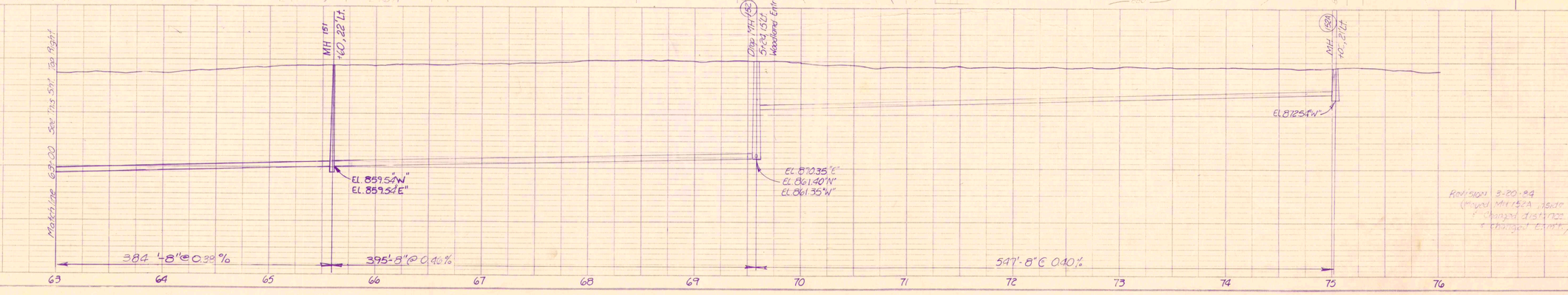
SHEET 14

RECORD DRAWING



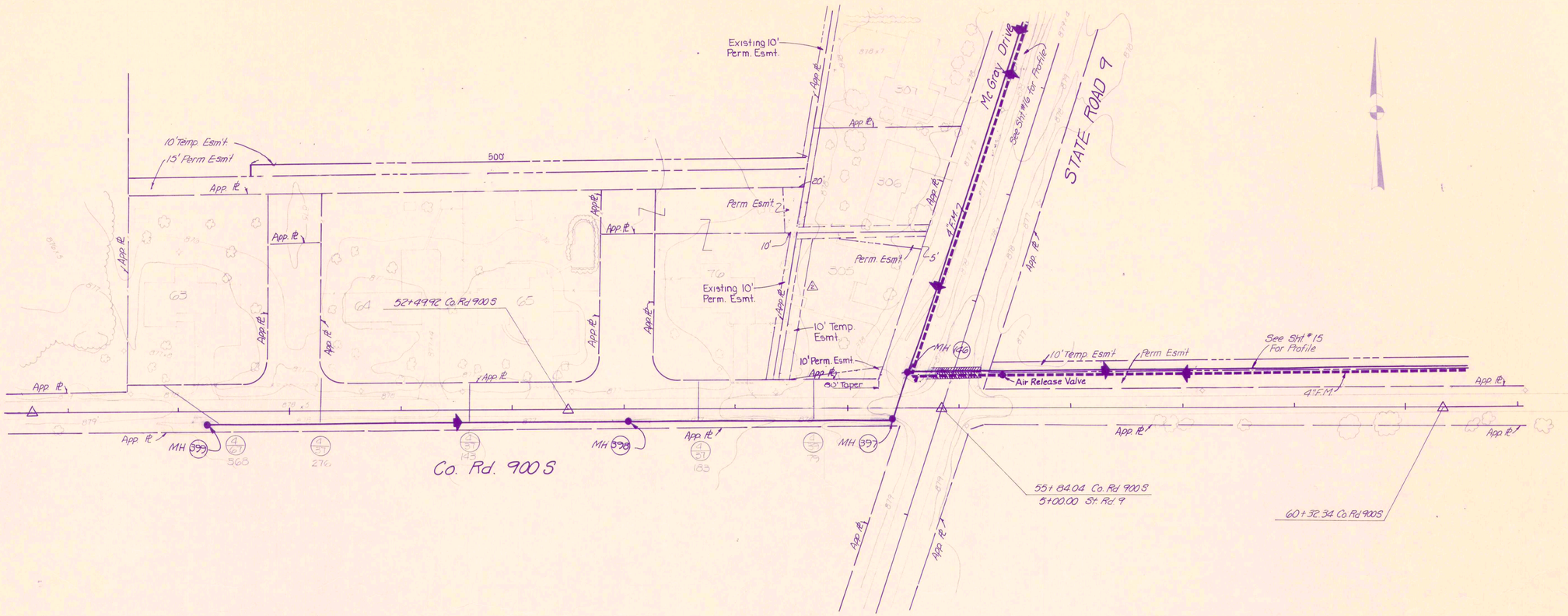


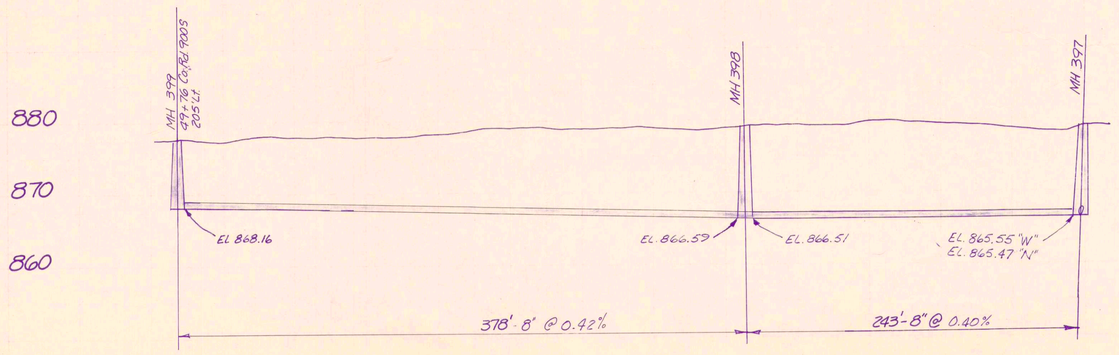




RECORD DRAWING

Co. Rd 900 SOUTH	
FALL CREEK R.W.D. PLAN & PROFILE	SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC.
VERT. 1"=10'	CONSULTING ENGINEERS
	INDIANAPOLIS, INDIANA
	15





Revision: 3-20-84
(Remove App ℄)

COUNTY ROAD 900 SOUTH

FALL CREEK R.W.D. PLAN & PROFILE SHEET

HORIZ 1"=50'
VERT 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

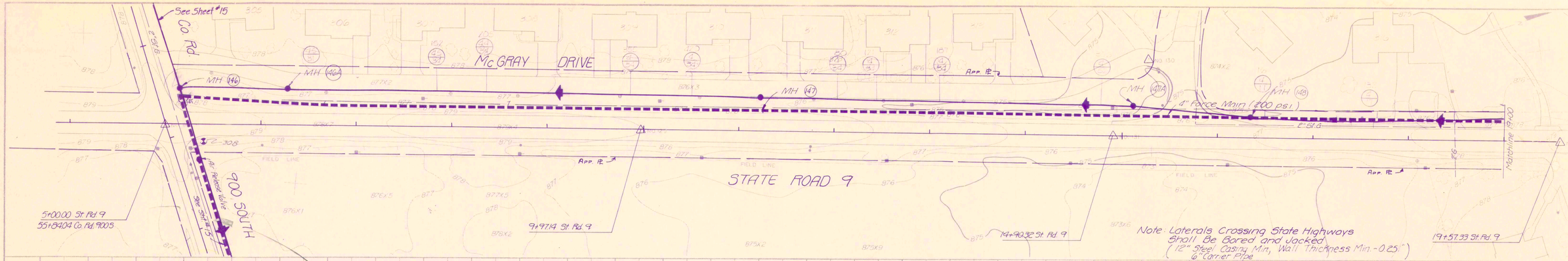
15A

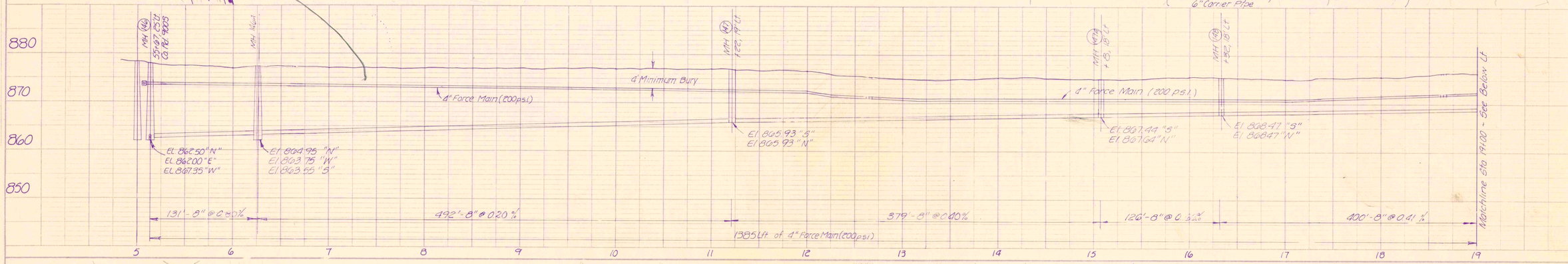
RECORD DRAWING

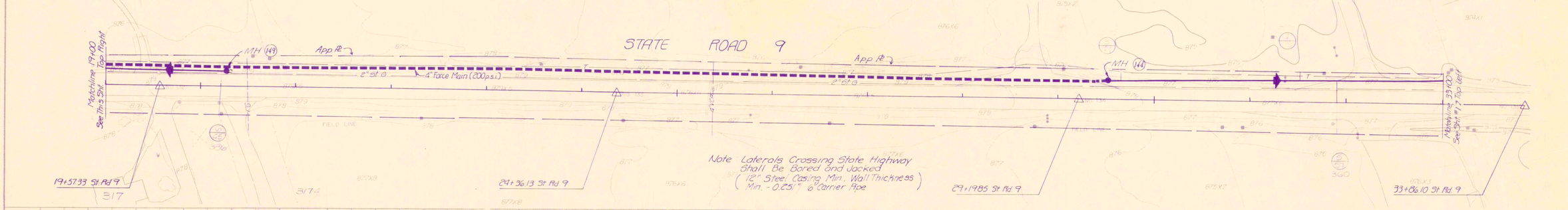
Rev. 11-8-83 Rev. 7-30-85

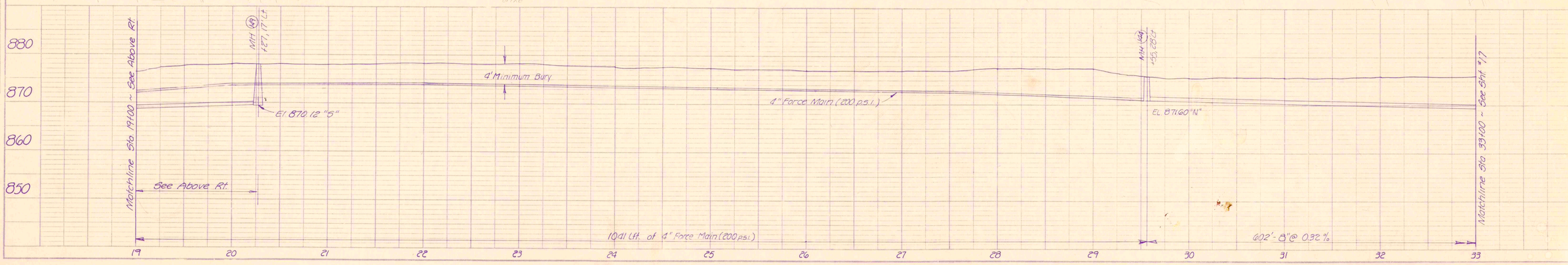
PLAN
DATE
NOTE BOOK
NO.

PROFILE
DATE
NOTE BOOK
NO.



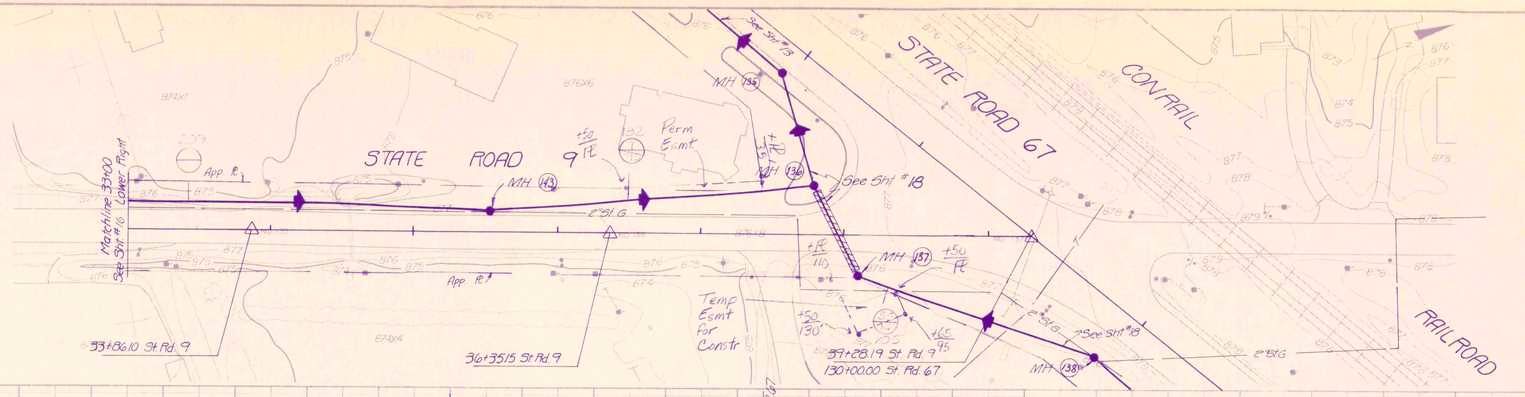


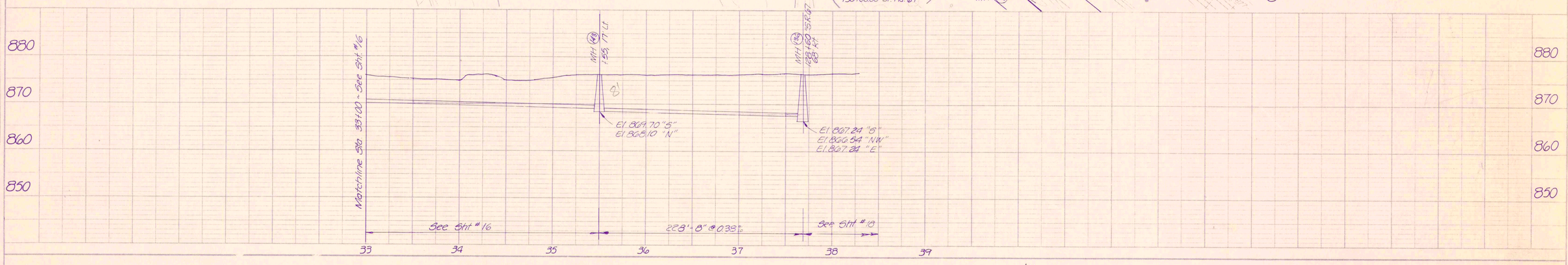


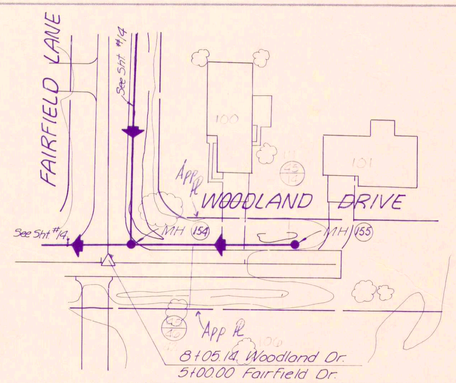


RECORD DRAWING

STATE ROAD 9		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET 16
HORIZ. 1"=50' VERT. 1"=10'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	







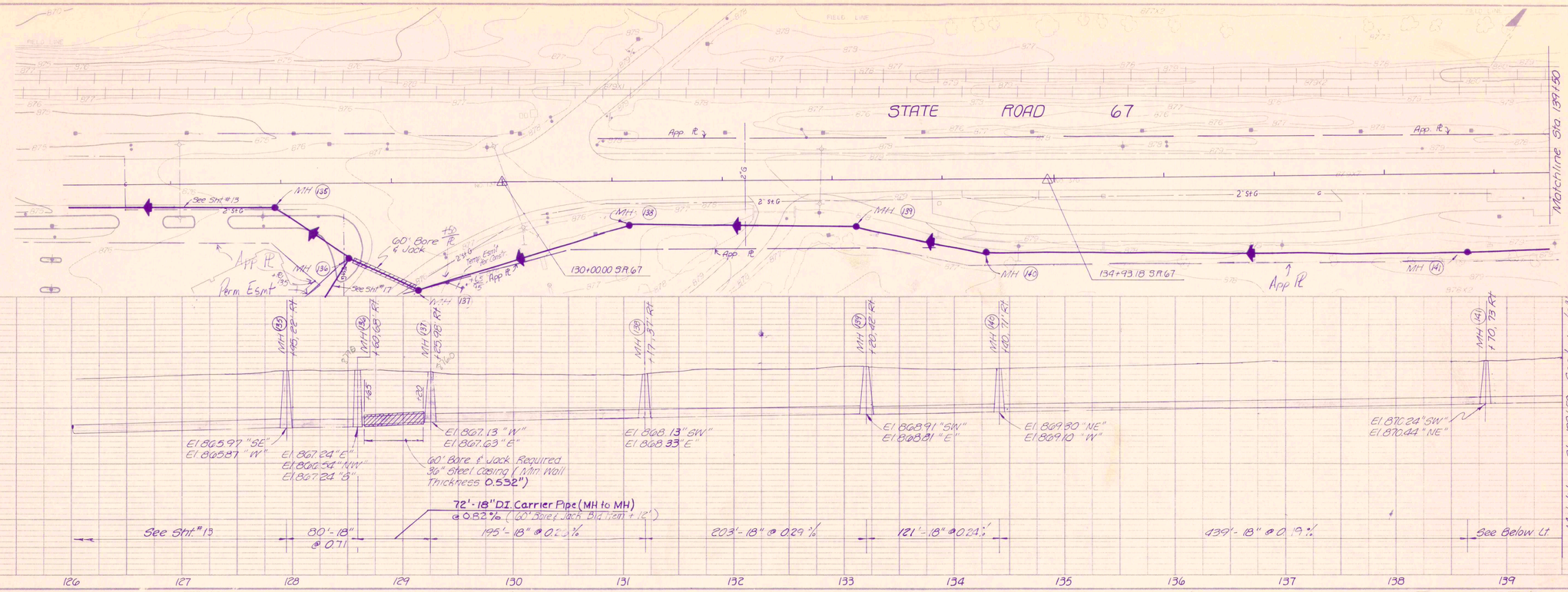
Revision 3-20-84
(Removed Perm Esmt
around MH 137)

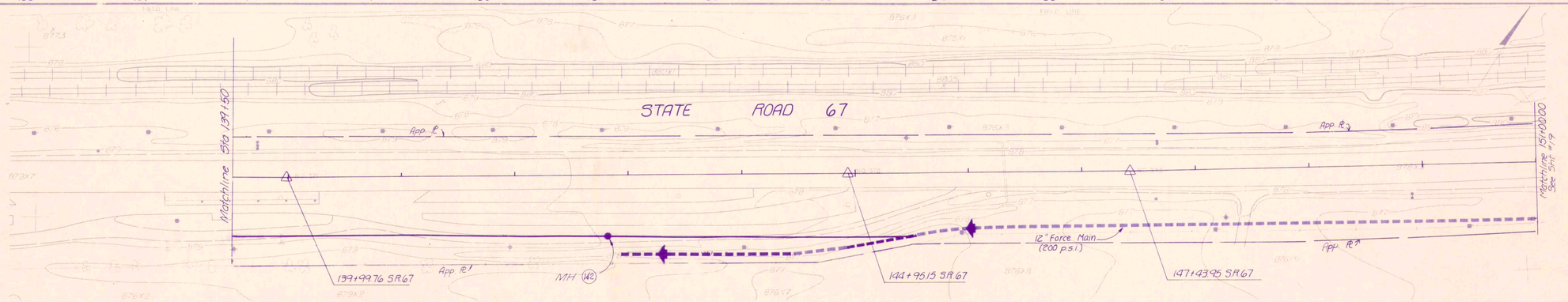
RECORD DRAWING

STATE ROAD 9 / WOODLAND DRIVE		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	17
VERT. 1"=10'		

PLAN — INITIAL / MOTT BOOK / NO. — PLOTTED / CHECKED / DESIGNED / BY / DATE / DESCRIPTION

PROFILE — INITIAL / MOTT BOOK / NO. — PLOTTED / CHECKED / DESIGNED / BY / DATE / DESCRIPTION





Revision: 3-20-74
(Horizontal to in Esmt around MH 139)

RECORD DRAWING

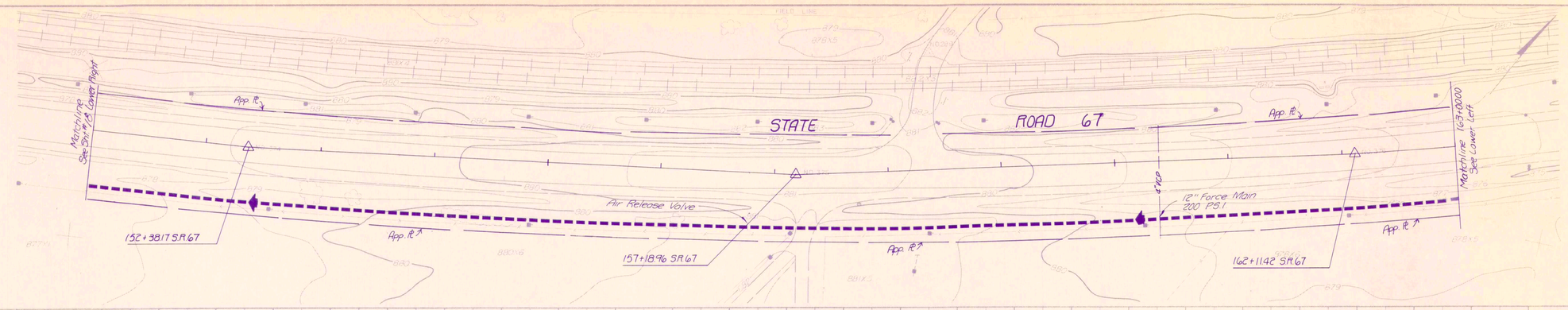
STATE ROAD 67

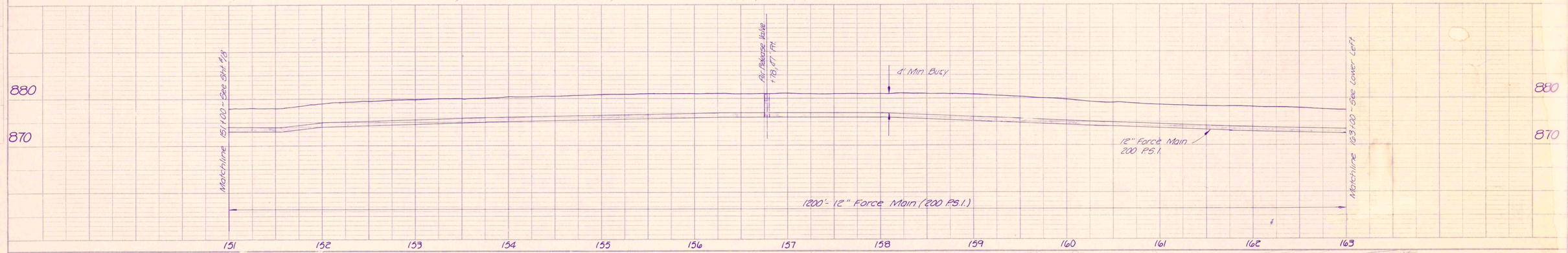
FALL CREEK R.W.D. PLAN & PROFILE — SHEET 18

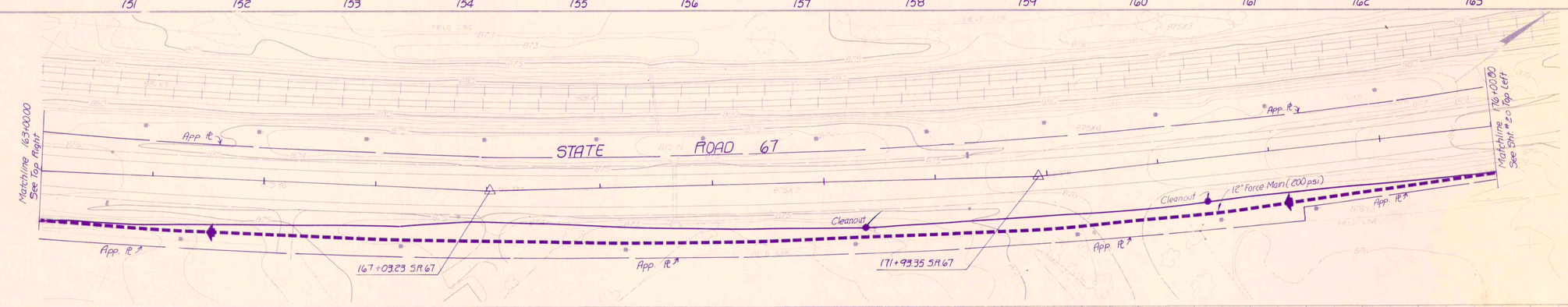
HORIZ. 1"=50'

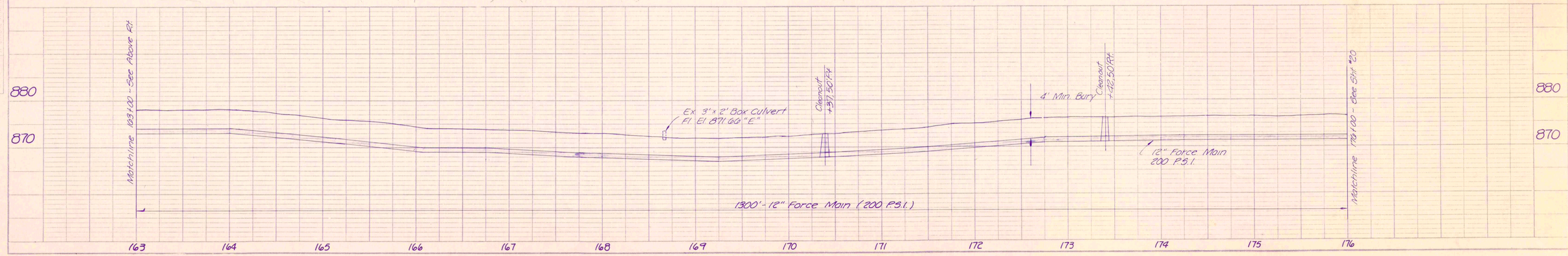
VERT. 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA



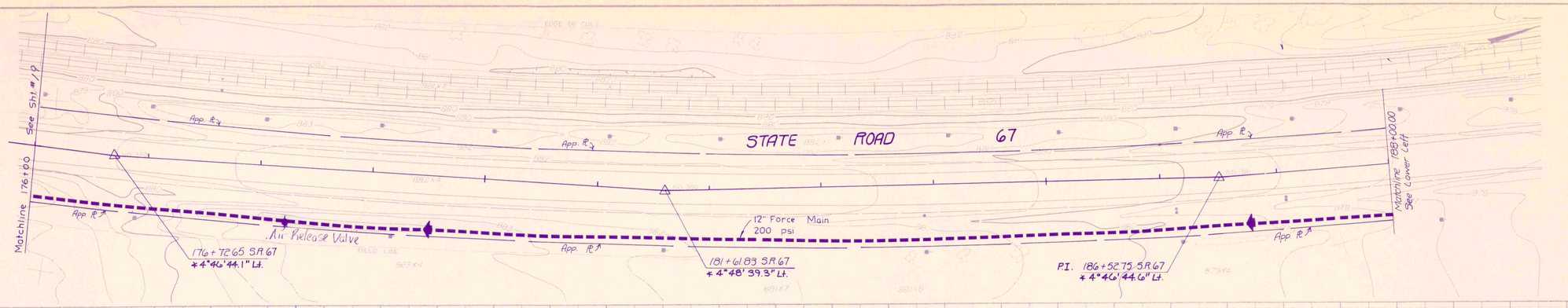


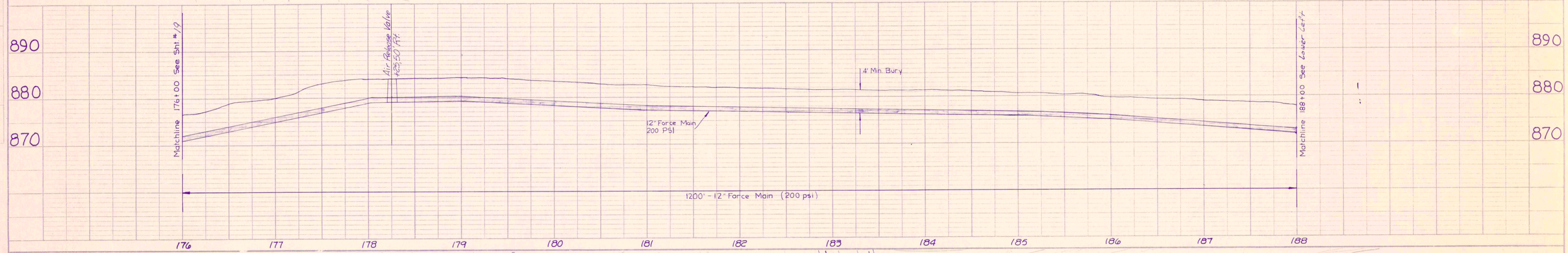


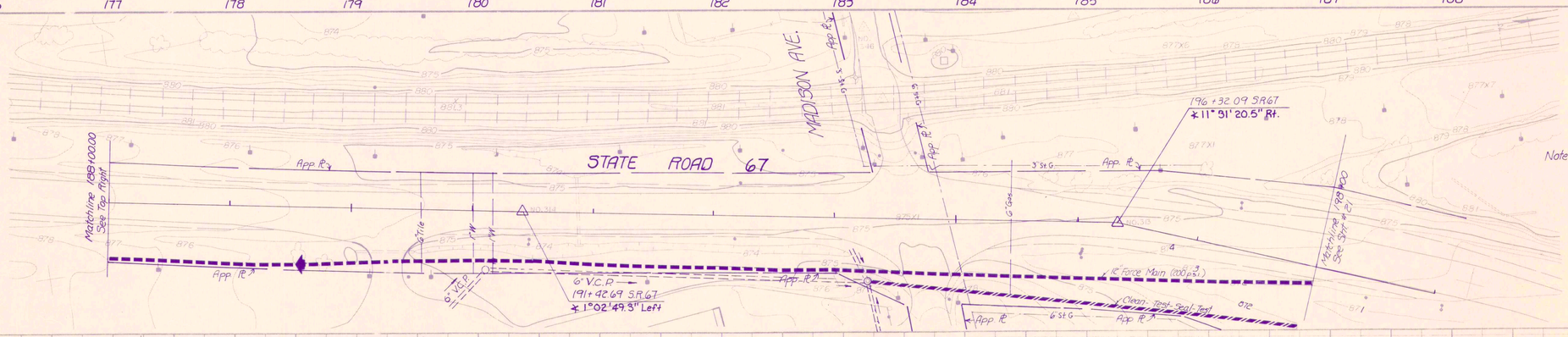


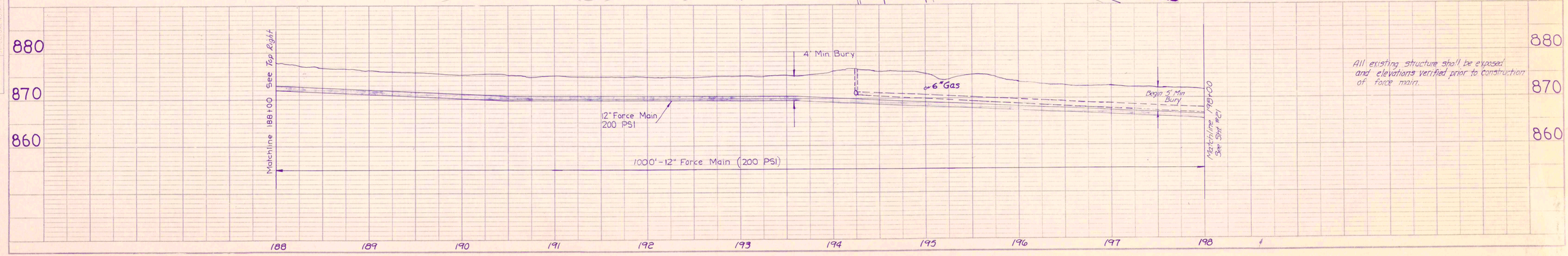
RECORD DRAWING

STATE ROAD 67		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	19
VERT. 1"=10'		









All existing structure shall be exposed and elevations verified prior to construction of force main.

RECORD DRAWING

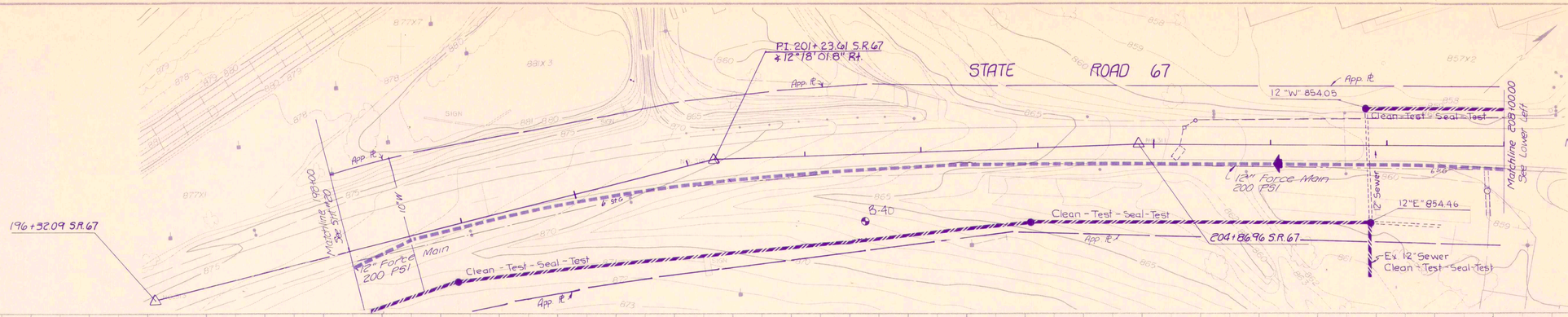
STATE ROAD 67

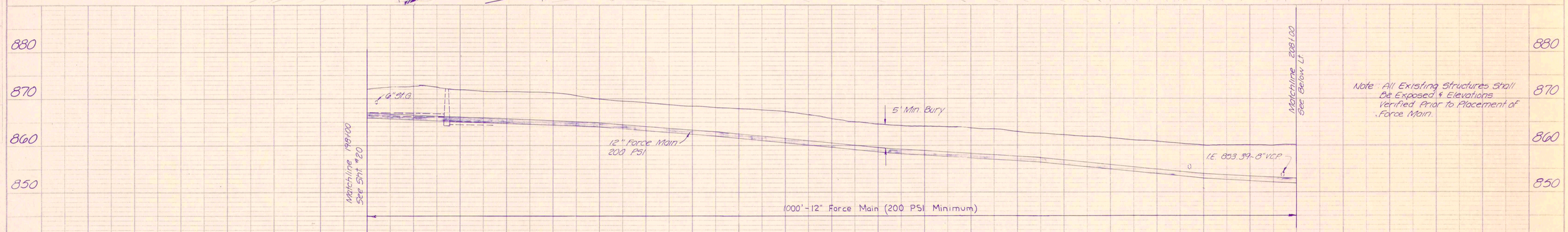
FALL CREEK R.W.D. PLAN & PROFILE

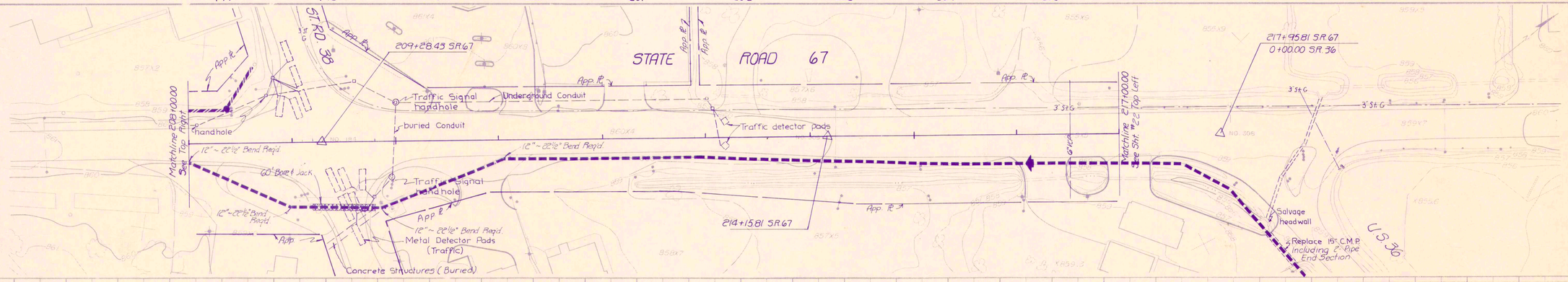
HORIZ. 1"=50'
VERT. 1"=10'

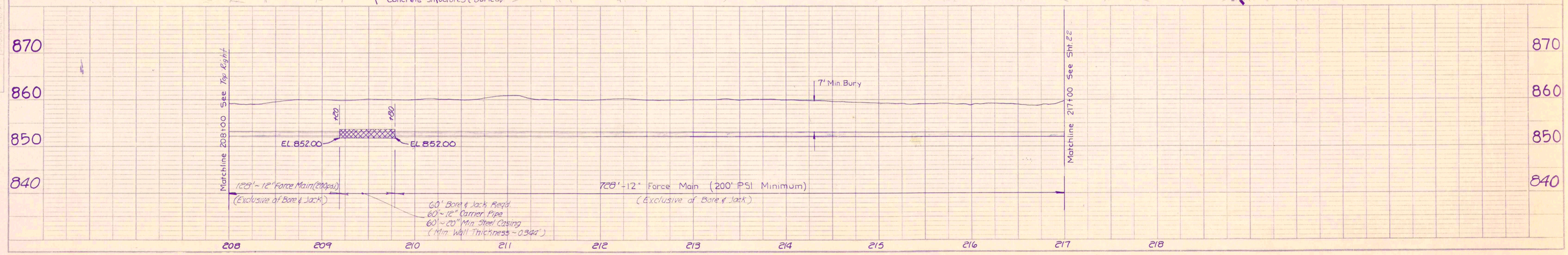
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

SHEET 20



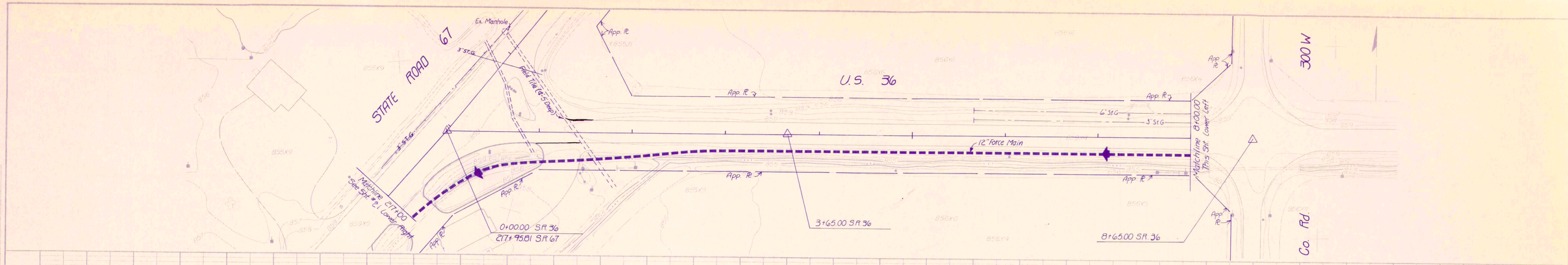


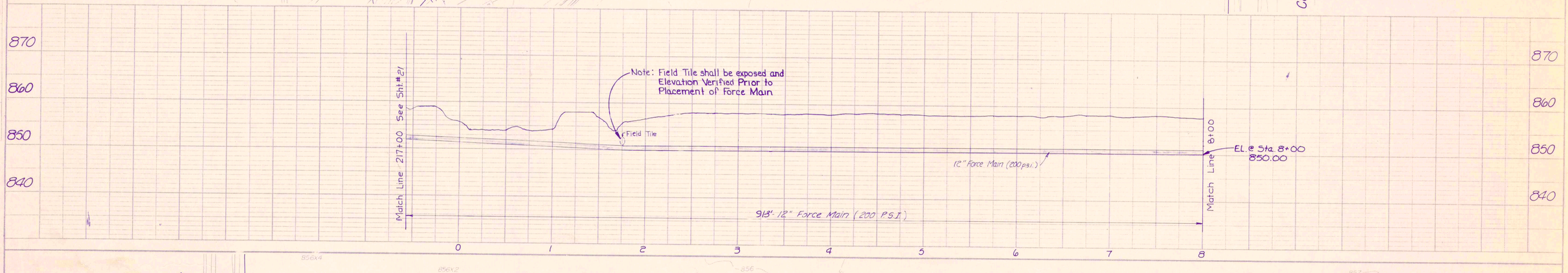


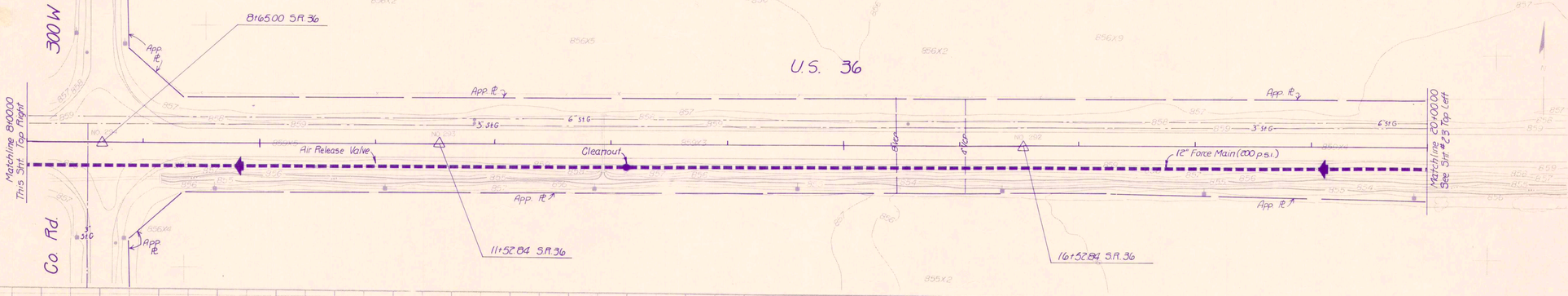


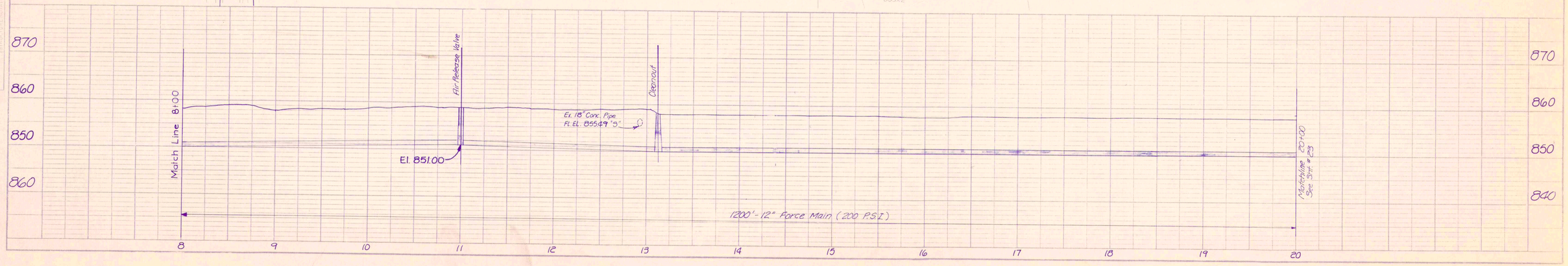
RECORD DRAWING

STATE ROAD 67		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	21
VERT. 1"=10'		









RECORD DRAWING

U.S 36

FALL CREEK R.W.D. PLAN & PROFILE

HORIZ. 1"=50'
VERT. 1"=10'

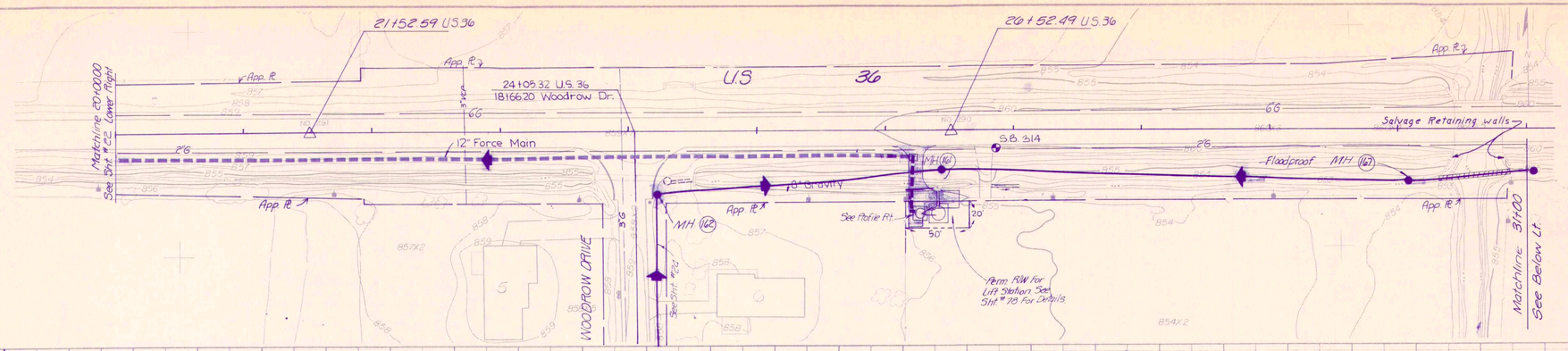
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

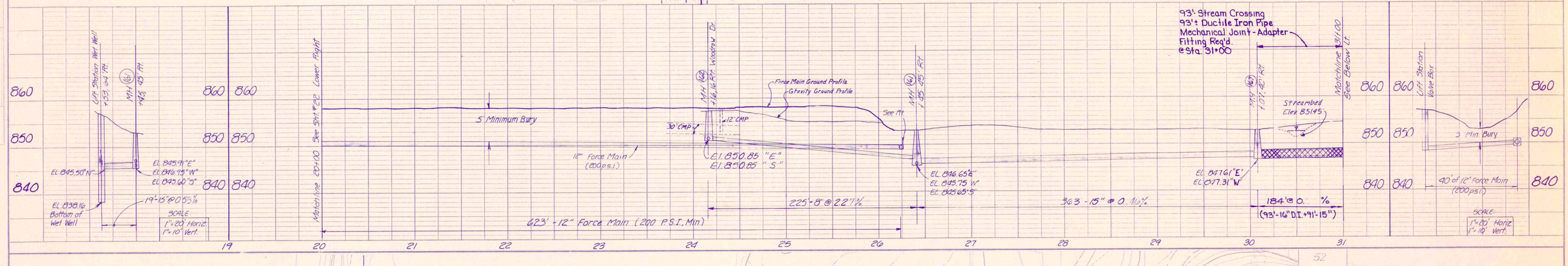
SHEET 22

PLAN
PROFILE
NOTE BOOK
NO.

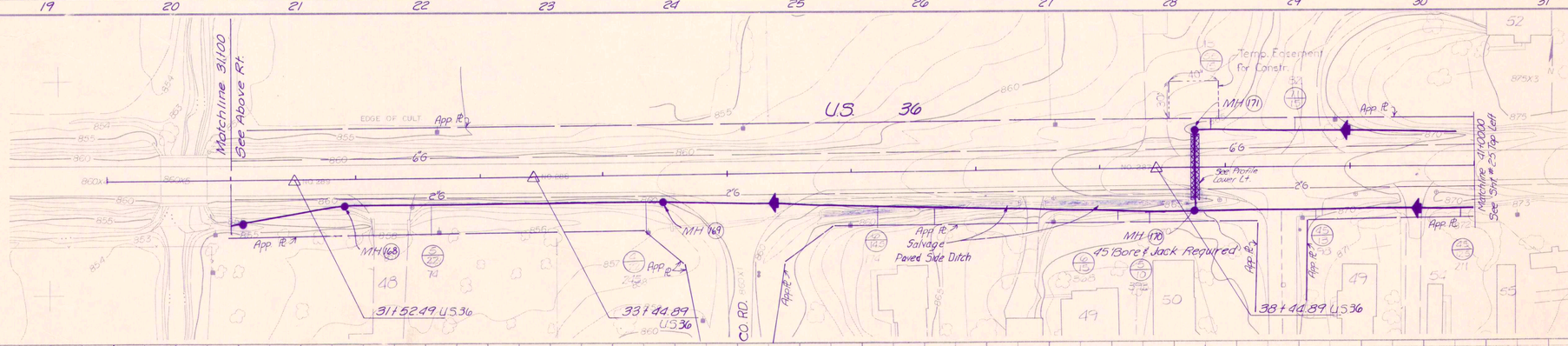
Y-49

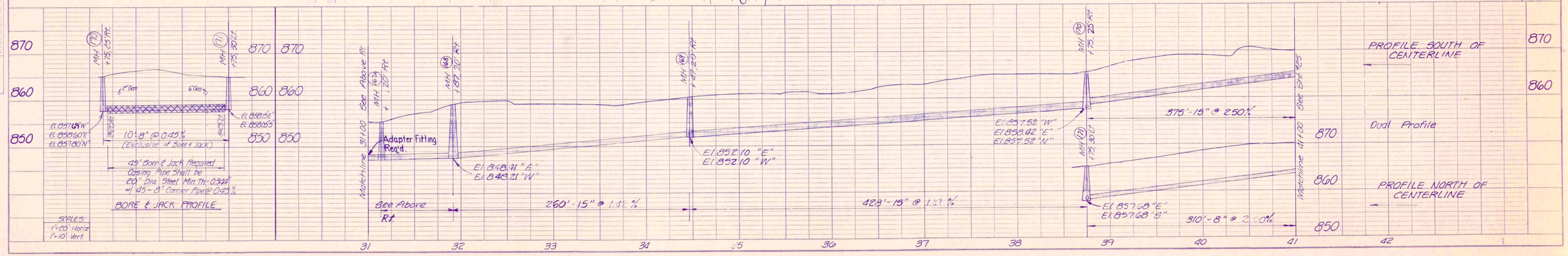
PLAN
DATE
BY
DRAWN
TRACED
CHECKED
QUANTITIES CHECKED
ELEVATIONS CHECKED
STRUCTURE NOTATIONS CHECKED
NOTE BOOK
NO.





PROFILE
DRAWN
TRACED
CHECKED
QUANTITIES CHECKED
ELEVATIONS CHECKED
STRUCTURE NOTATIONS CHECKED
NOTE BOOK
NO.





RECORD DRAWING

5-20-83

U.S. 36		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	23
VERT. 1"=10'		

Y-53

PLAN
STREET
PLOTTED
PLOTTED CHECKED
AS BUILT
ST. OF WAY CHECKED
NOTE BOOK
NO.

DATE | BY

0+00.00 Woodrow Dr.
@ S.R. 38

MH 165B

WOODROW DRIVE

App. Pt.

S.B. 312

MH 166 | MH 165A | MH 165 | App. Pt. | MH 164 | MH 163

7+17.07 Woodrow Dr.

Matchline Sta. 15+00

MH 166 Rim 882.22 Rt.

MH 165A Rim 882.84 Rt.

MH 165 Rim 885.81 Rt.

MH 164 Rim 889.81 Rt.

MH 163 Rim 890.18 Rt.

880
870
860
850

El. 876.70 "N"

El. 876.24 "S"
El. 876.10 "N"

El. 873.61 "S"
El. 873.51 "N"

El. 871.70 "S"
El. 871.70 "N"

El. 857.70 "N"
El. 856.97 "S"

131'-8" @ 0.35%

349'-8" @ 0.73%

509'-8" @ 0.30%

180'-8" @ 8.18%

See This Sht. Lower Lt.

Matchline Sta. 15+00 - See Bottom Lt.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

12" Force Main

WOODROW DRIVE

U.S. 36

Matchline Sta. 15+20

MH 162

See Sht. #23

8" Gravity

181+66.20 Woodrow Dr.
24+05.32 U.S. 36

PROFILE
STREET
PLOTTED
GRADE CHECKED
AS BUILT
ST. OF WAY CHECKED
NOTE BOOK
NO.

DATE | BY

860
850

Matchline Sta. 15+00 - See Top Rt.

MH 162 Rim 860.14 Rt.

El. 850.85 "S"
El. 850.85 "E"

516'-8" @ 1.33%

See Sht. #23

15 16 17 18

RECORD DRAWING

WOODROW DR.

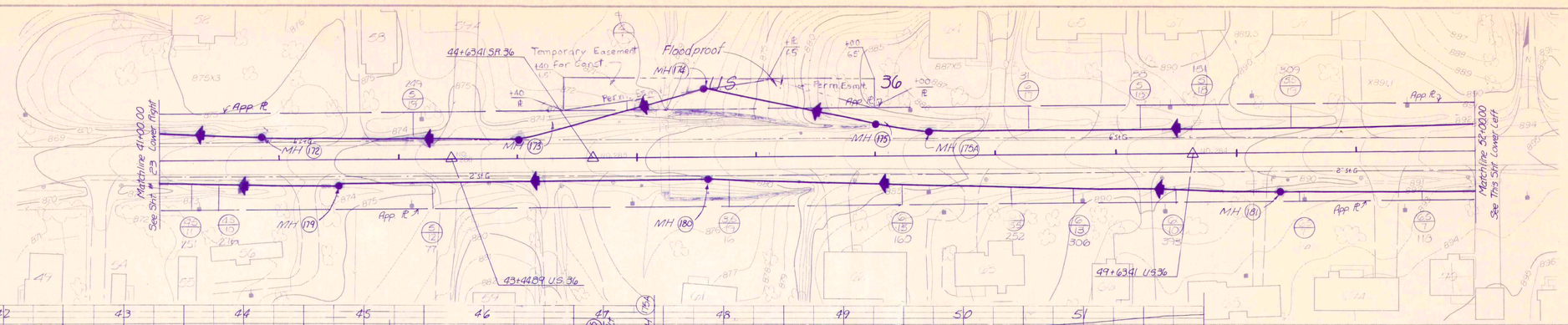
FALL CREEK R.W.D. PLAN & PROFILE

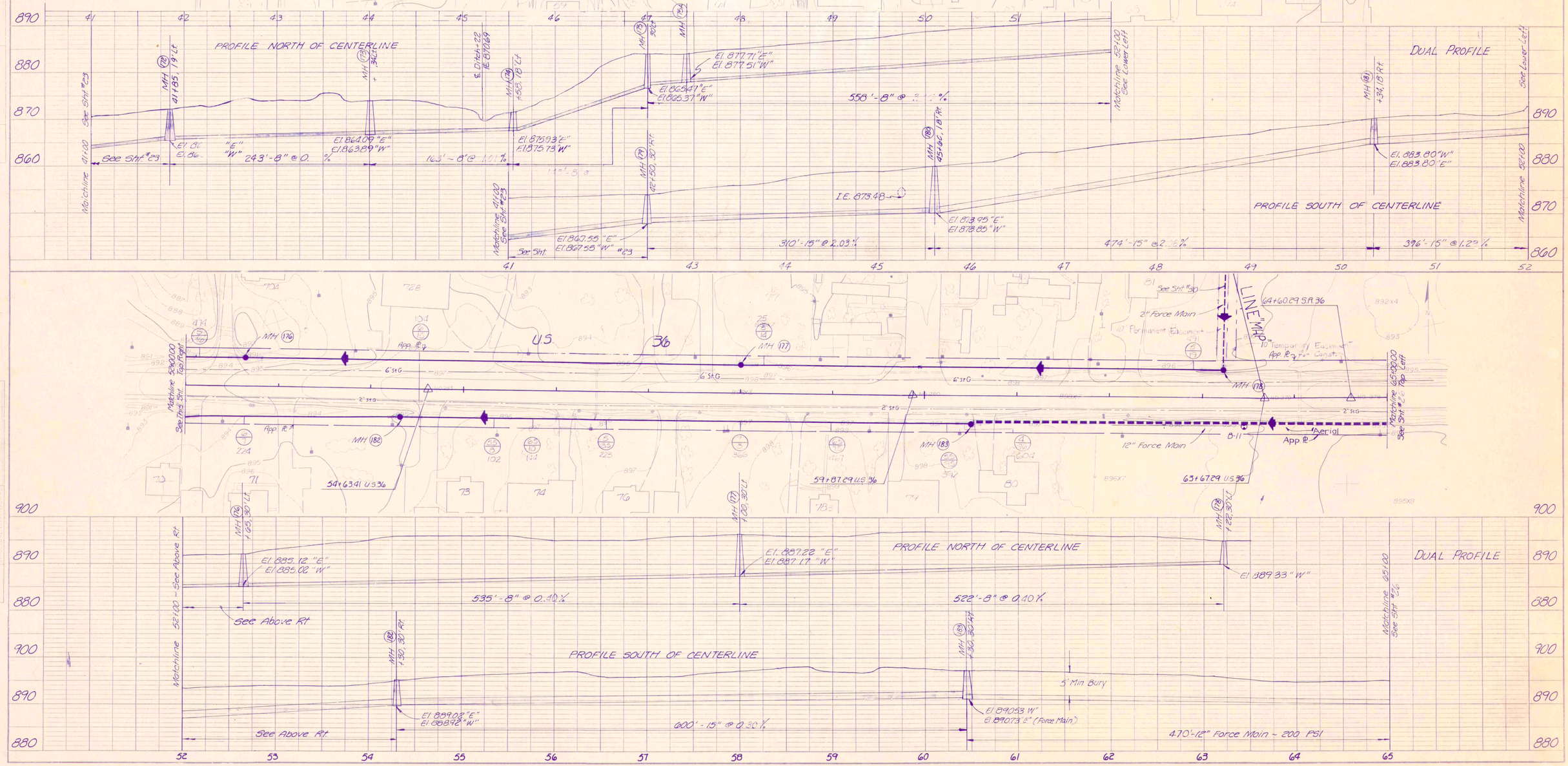
HORIZ. 1"=50'
VERT. 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

SHEET 24

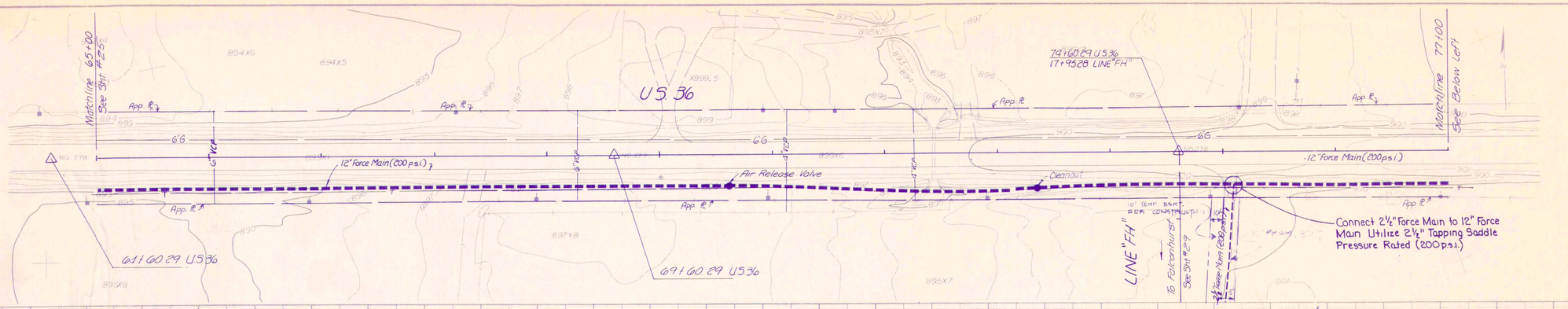
104

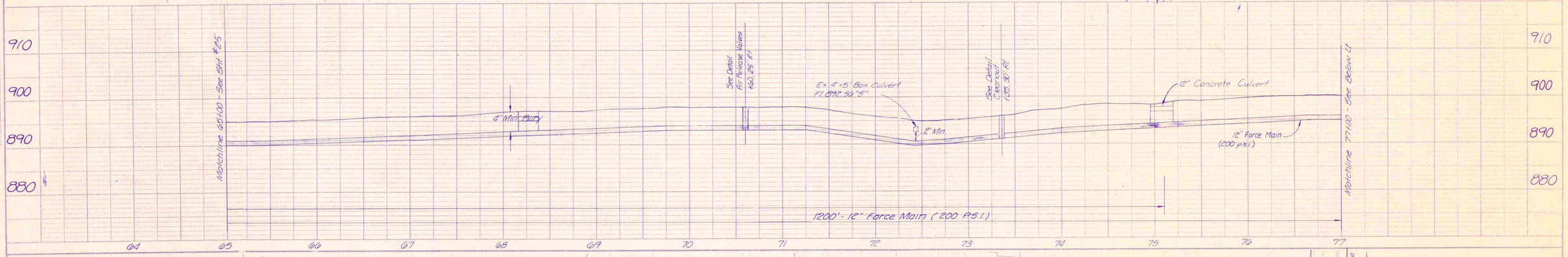


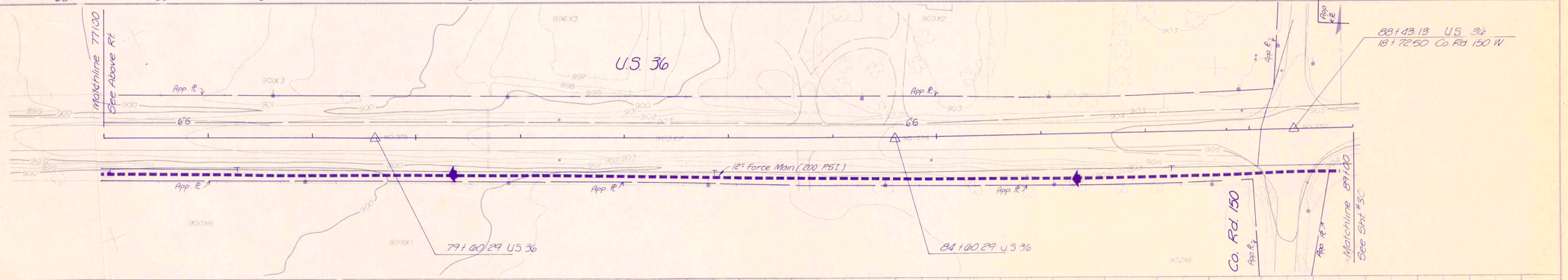


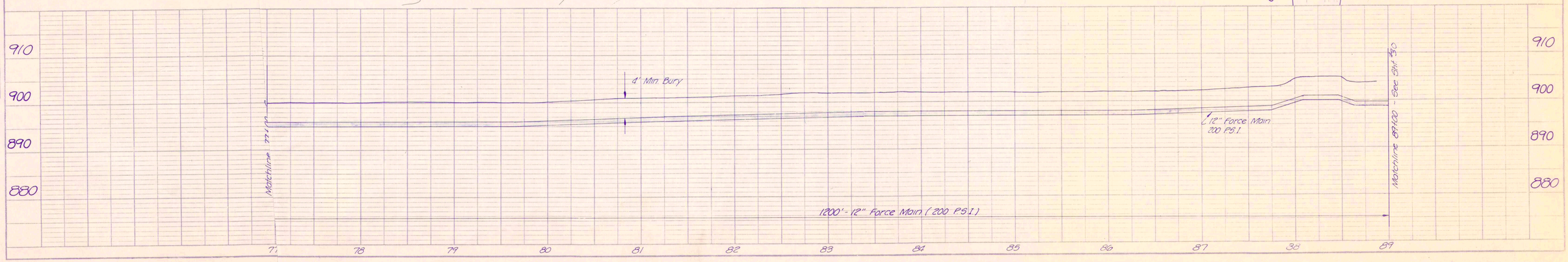
RECORD DRAWING

U.S. 36		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	25
VERT. 1"=10'		









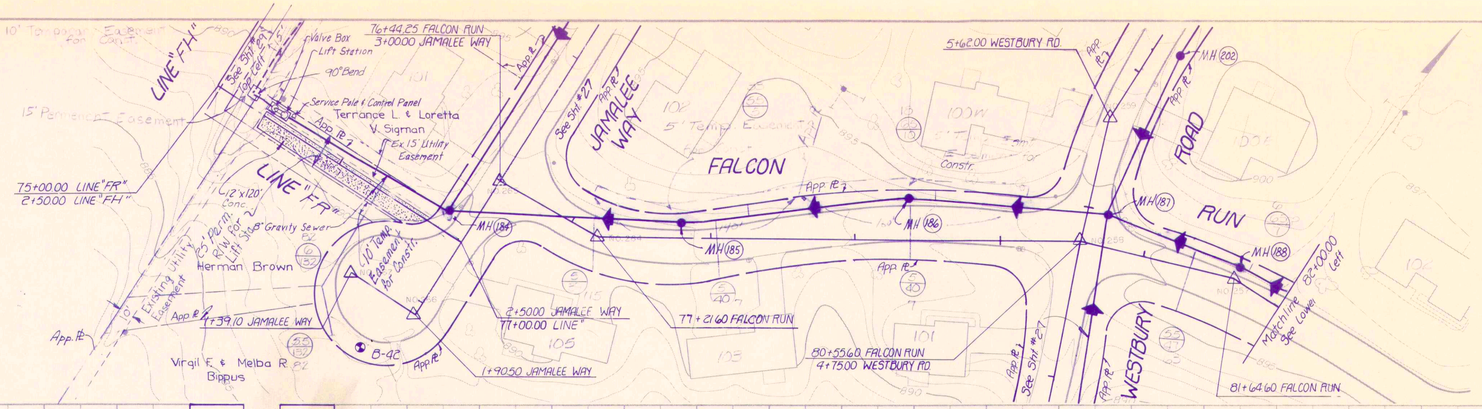
RECORD DRAWING

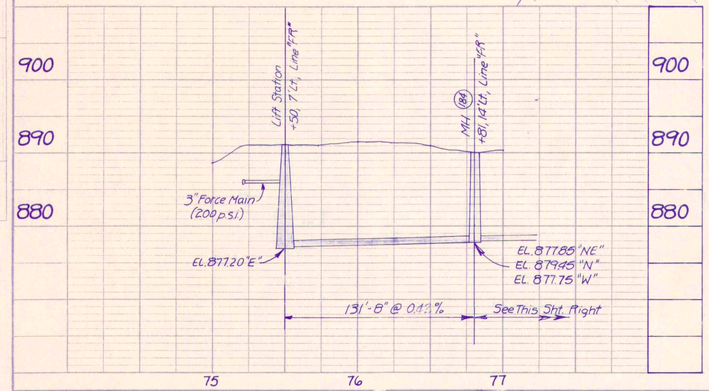
U.S. 36	
FALL CREEK R.W.D. PLAN & PROFILE	SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC.
VERT. 1"=10'	CONSULTING ENGINEERS
	INDIANAPOLIS, INDIANA
	26

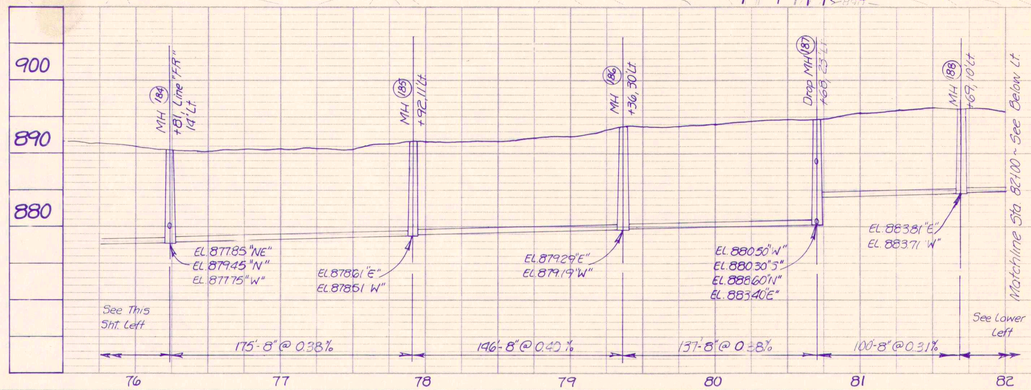
JAMALEE WAY
JULIE ANN DRIVE
WESTBURY ROAD
FALCON RUN
HILLSBORO DRIVE
VACANT LOT
10+00.00 JAMALEE WAY
77+00.00 JULIE ANN DR.
11+10.00 JAMALEE WAY
79+39.50 JULIE ANN DR.
10+57.00 WESTBURY RD.
Matchline 82+00.00
See Sht #2 & Lower Right
See This Sht. Right
See Shts #2 & 3 Left
See Shts #2 & 3 Right
See Shts #2 & 3 (Left Corner)
LINE "FA"
10' Temp. Esmt. for Constr. 25' Perm R/W for Lift Station
Existing 15' Utility Easement
3+00.00 JAMALEE WAY
76+44.25 FALCON RUN
2+50.00 JAMALEE WAY
+00.00 LINE "D"
77+21.60 FALCON RUN
8+00.00 JAMALEE WAY
10+00.00 JAMALEE WAY
11+10.00 JAMALEE WAY
77+00.00 JULIE ANN DR.
MH (200) +37.30 Lt.
MH (201) +92.17 Lt.
EL. 891.98 "E"
EL. 891.28 "SW"
EL. 893.43 "W"
458'-8" @ 0.32%
MH (184) +89.14 Lt. Line "FA"
MH (198) +77.20 Lt.
MH (199) +89.21 Lt.
EL. 877.25 "NE"
EL. 879.42 "N"
EL. 877.15 "W"
EL. 890.09 "N"
EL. 889.19 "S"
EL. 891.22 "NE"
EL. 891.88 "S"
EL. 891.98 "E"
EL. 891.88 "SW"
407'-8" @ 2.39%
306'-8" @ 0.57%
132'-8" @ 0.50%
81+00.00 HILLSBORO DR.
0+61.20 WESTBURY RD.
79+85.10 HILLSBORO DR.
84+00.00 HILLSBORO DR.
79+85.10 HILLSBORO DR.
0+61.20 WESTBURY RD.
81+00.00 HILLSBORO DR.
3+16.00 WESTBURY RD.
4+75.00 WESTBURY RD.
80+55.60 FALCON RUN
5+62.00 WESTBURY RD.
81+64.60 FALCON RUN
DRAINAGE EASEMENT
5' TEMP. ESMT. FOR CONSTR.
MH (192) +80.18 Lt.
MH (193) +80.86 Lt.
MH (194) +80 Westbury Rd 18 Rt.
MH (197) +76.17 Lt.
EL. 888.16 "E"
EL. 887.19 "W"
EL. 887.49 "E"
EL. 886.99 "N"
EL. 888.79 "W"
144'-8" @ 0.67%
310'-8" @ 0.42%
MH (196) +80.18 Rt.
MH (195) +50.22 Rt.
Drop MH (197) +68 Falcon Run 23 Lt.
MH (202) +51.16 Rt.
MH (203) +55.18 Rt.
EL. 886.99 "N"
EL. 887.49 "E"
EL. 887.19 "W"
40" ϕ IE 884.06 "E"
EL. 880.78 "S"
EL. 880.75 "N"
EL. 880.40 "S"
EL. 887.60 "N"
EL. 883.20 "E"
EL. 880.50 "W"
EL. 889.10 "N"
EL. 889.00 "S"
EL. 893.31 "S"
278'-8" @ 2.24%
149'-8" @ 0.2?%
123'-8" @ 1.14%
338'-8" @ 1.25%
RECORD DRAWING
JULIE ANN DRIVE / JAMALEE WAY
HILLSBORO DRIVE / WESTBURY ROAD
FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 27

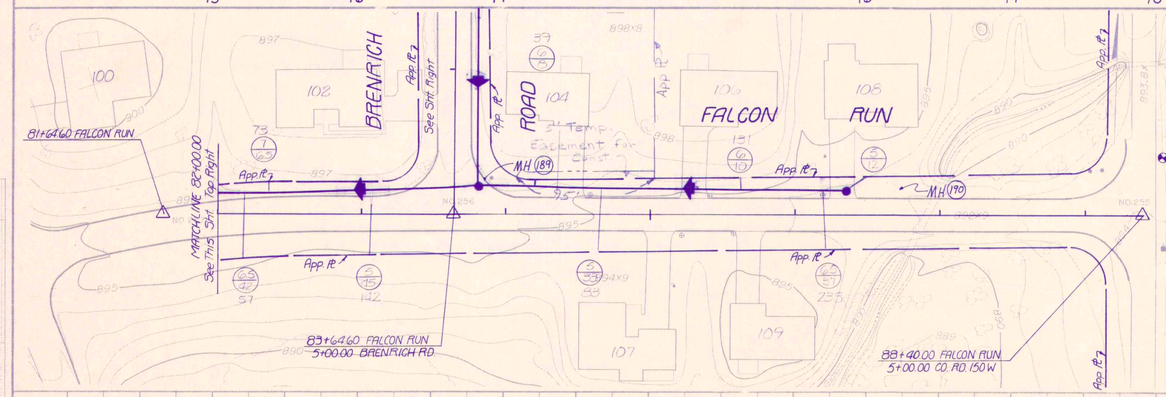
PLAN
SURVEYED
DRAWN
TRACED
NOTE BOOK
CHECKED
NO.
PT. OF WAY CHECKED

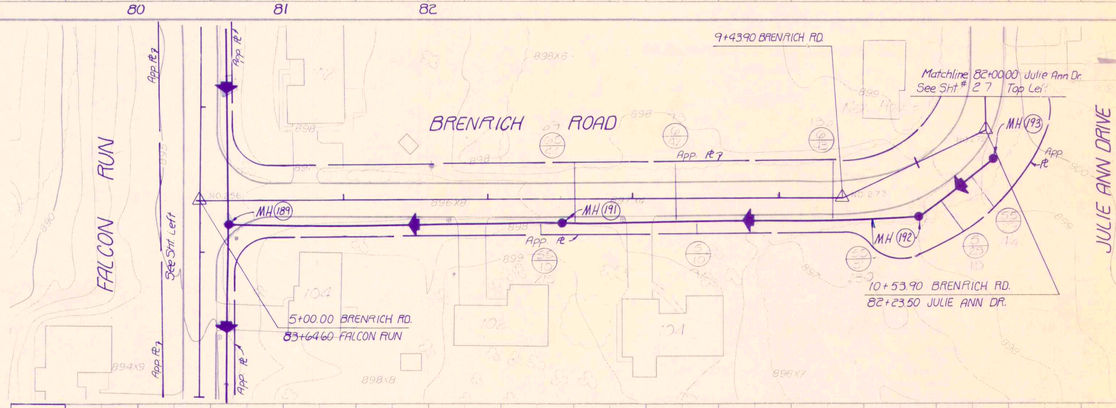
PROFILE
SURVEYED
DRAWN
TRACED
NOTE BOOK
CHECKED
NO.
PT. OF WAY CHECKED
STRUCTURES CHECKED

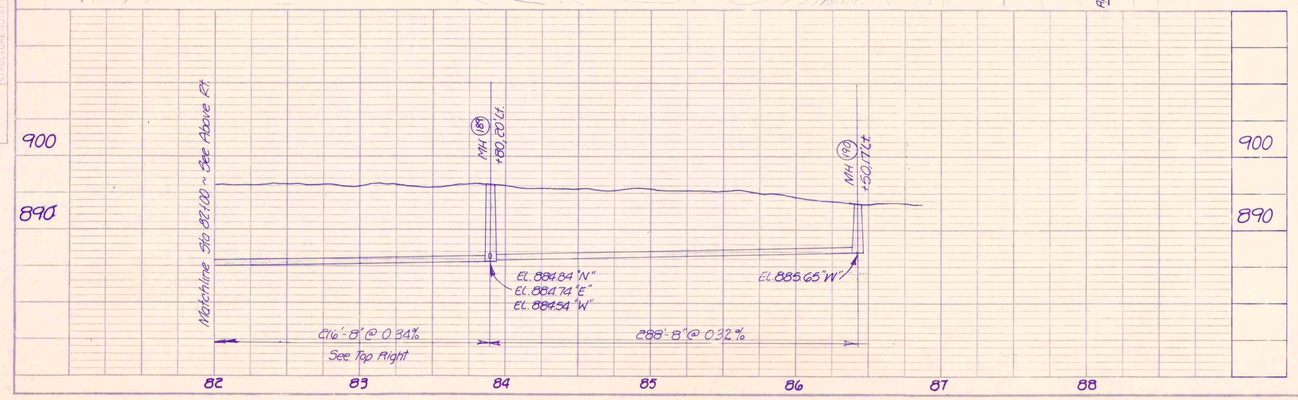


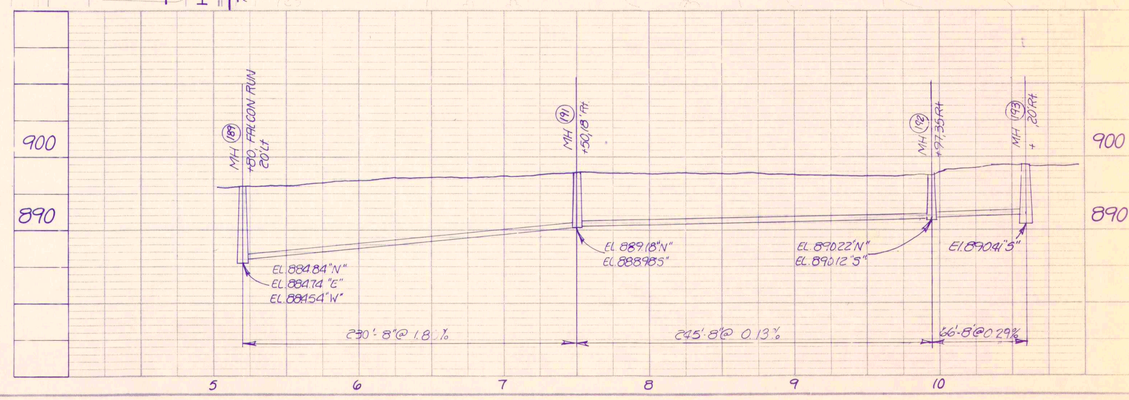












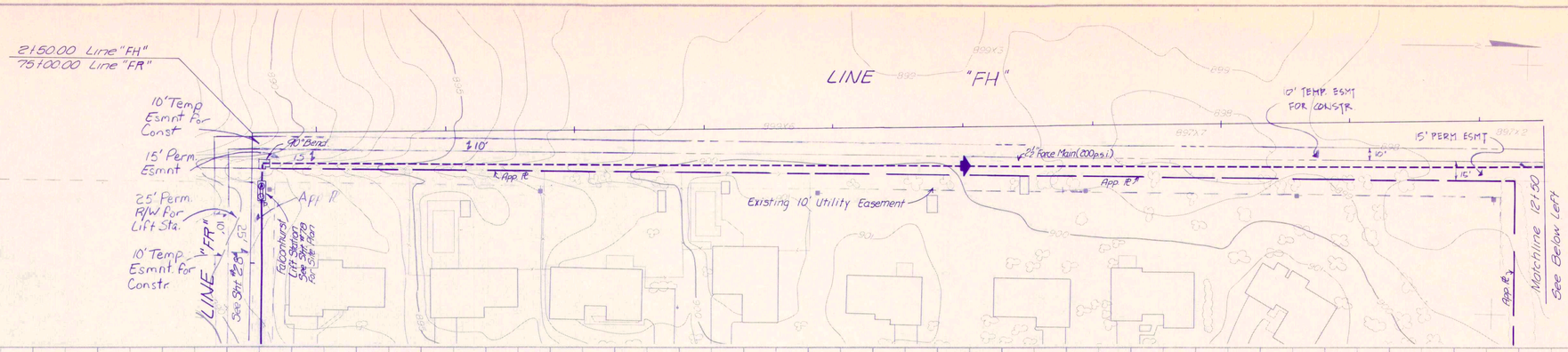
RECORD DRAWING

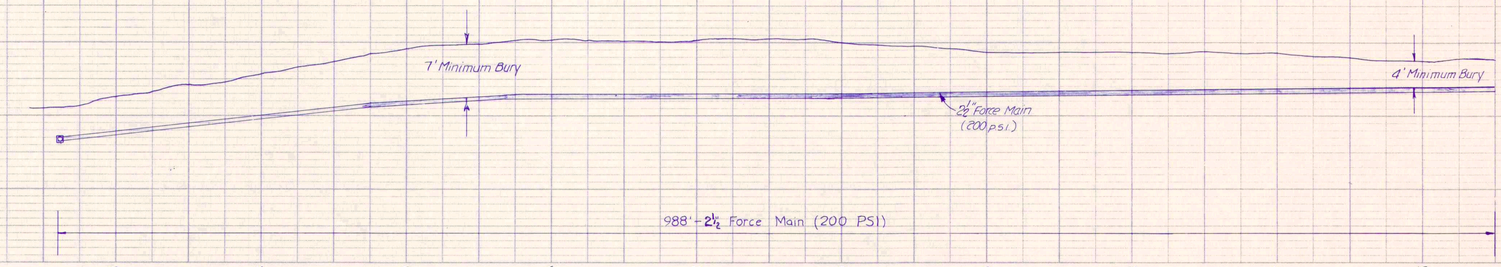
LINE "FR" / FALCON RUN / BRENRICH Rd

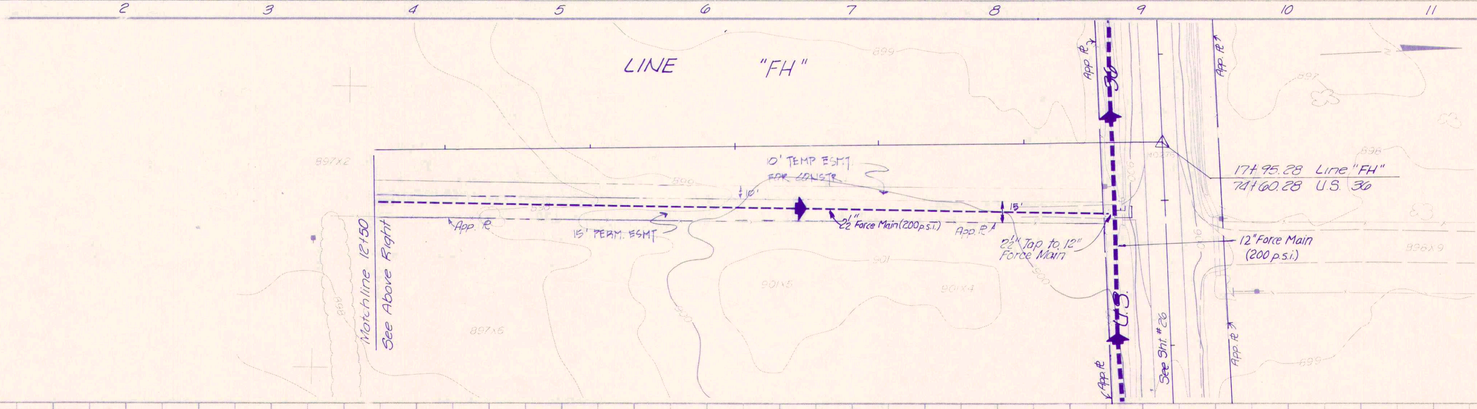
FALL CREEK R.W.D. PLAN & PROFILE SHEET 28

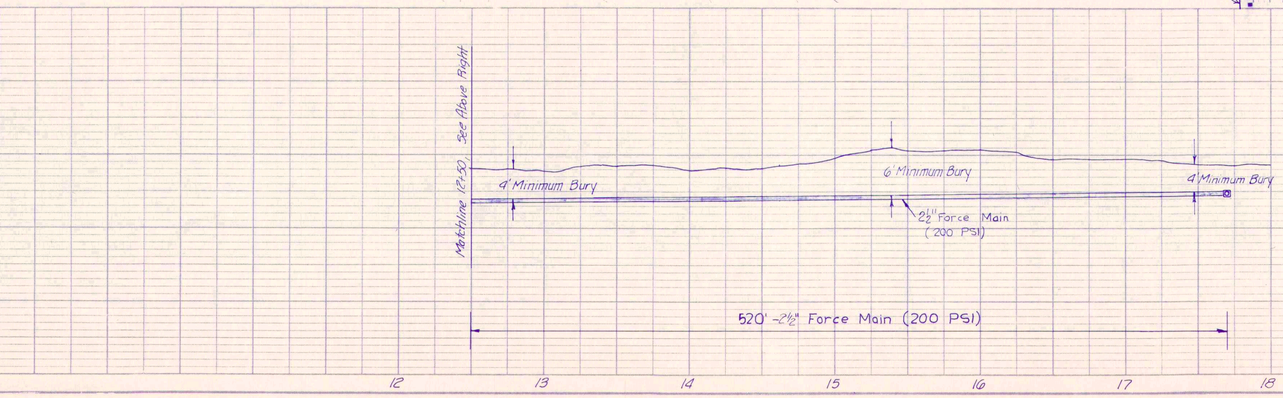
HORIZ. 1" = 50'
VERT. 1" = 10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA









PLAN
SCALE: 1" = 50'
NOTE BOOK
NO.
PT. OF WAY CHECKED

PROFILE
SCALE: 1" = 10'
NOTE BOOK
NO.
PT. OF WAY CHECKED

RECORD DRAWING

LINE "FH"

FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	29
VERT. 1"=10'		

PLAN
SCALE
PLOTTED
NOTE BOOK
NO.

PROFILE
SCALE
NOTE BOOK
NO.

88+43.13 U.S. 36
18+72.50 C.R. 150 W.

91+50.60 U.S. 36

95+92.60 U.S. 36

100+92.55 U.S. 36

U.S. 36

C.R. 150 W.

Notchline Sta 89+00

Notchline Sta 101+00
See Sht #3

App ℄

6"G

12" Force Main

910
900
890

Notchline Sta 89+00 - See Sht #2

Notchline Sta 101+00 - See Sht #3

4' Min Bury

12" Force Main
200 p.s.i.

1200' - 12" Force Main (200 p.s.i.)

89 90 91 92 93 94 95 96 97 98 99 100 101

App ℄

U.S. 36

8" Gravity Sewer

0.5%

Sta. 19+25

2" Force Main

90° Bend
Sta. 19+57, 110' Lt.

10' Perm. Esm't

10' Temp. Esm't

Temp Esm't for Const.

B-120

24+20.65 Line "MHP"

Regency MHP L.S.
See Sht. #29
for Detailed Site
Plan.

Perm. R/W for Lift Sta.

90° Bend

12" Force Main
200 PSI Minimum

MH (178)

90° Bend
Sta. 19+20, 12° Rt.

LINE "MHP"

B-N

17+00.00 Line "MHP"
63+67.29 U.S. 36

2" Force Main

10' Temp. Esm't

MH (178)
631.22 "N"
30.7'

5' Min. Bury

El. 891.00 "N."
El. 890.10 "W."

2" Force Main
200 p.s.i.

Lift Station

845' - 2" Force Main (200 p.s.i.)

900
890
880

17 18 19 20 21 22 23 24

REVISION: 5-20-84
(Changed Esm'ts
around Lift Station)

RECORD DRAWING

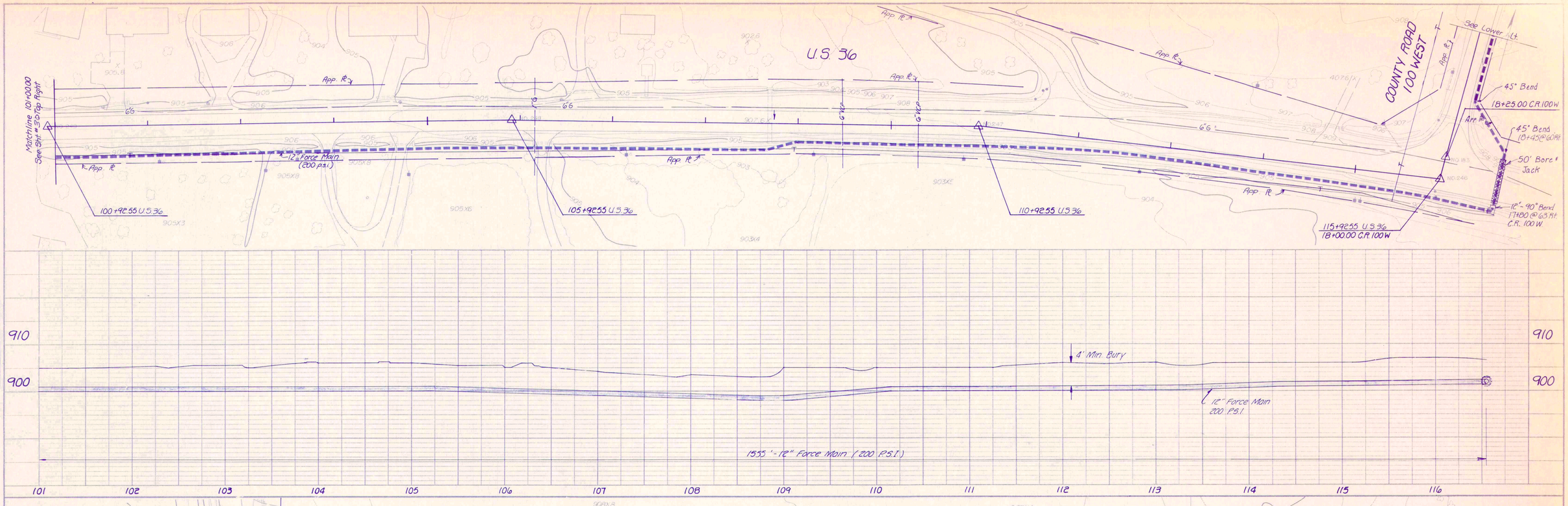
U.S. 36 / LINE "MHP"

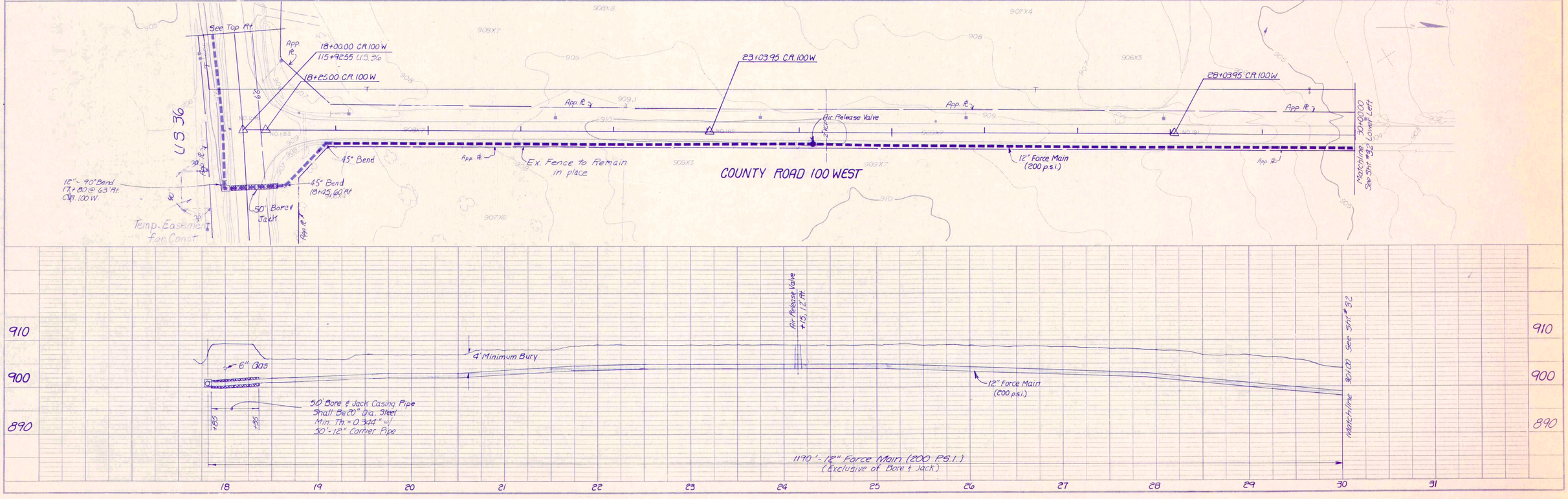
FALL CREEK R.W.D. PLAN & PROFILE

HORIZ. 1"=50'
VERT. 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

SHEET 30





PLAN
NOTE BOOK
NO

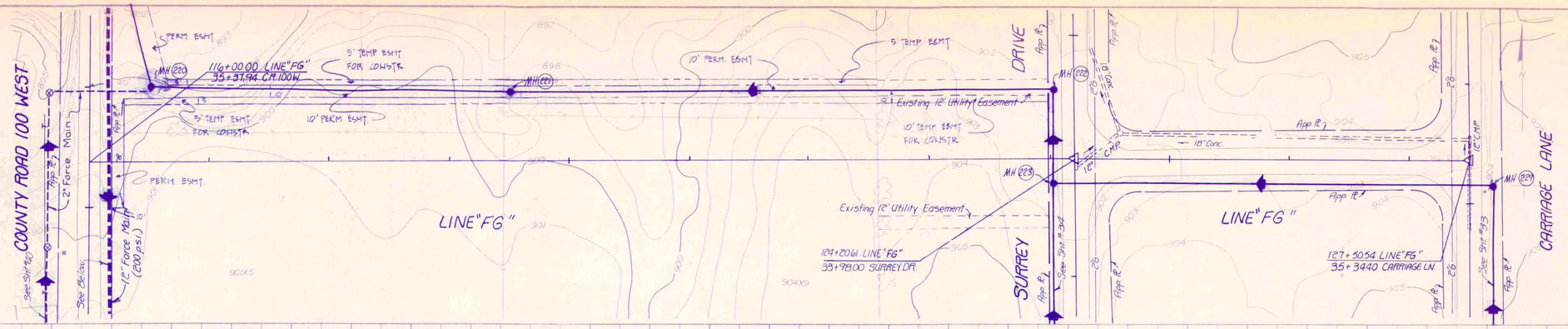
PROFILE
NOTE BOOK
NO

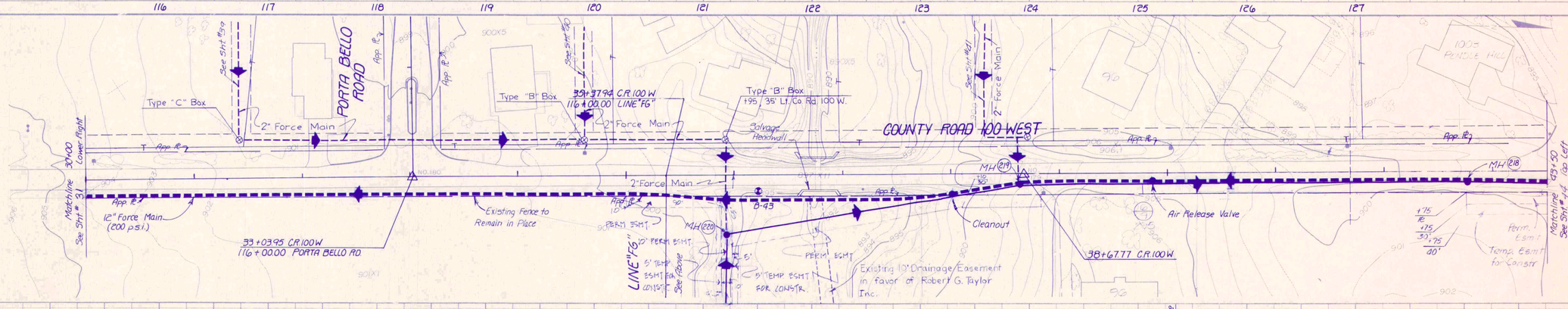
RECORD DRAWING

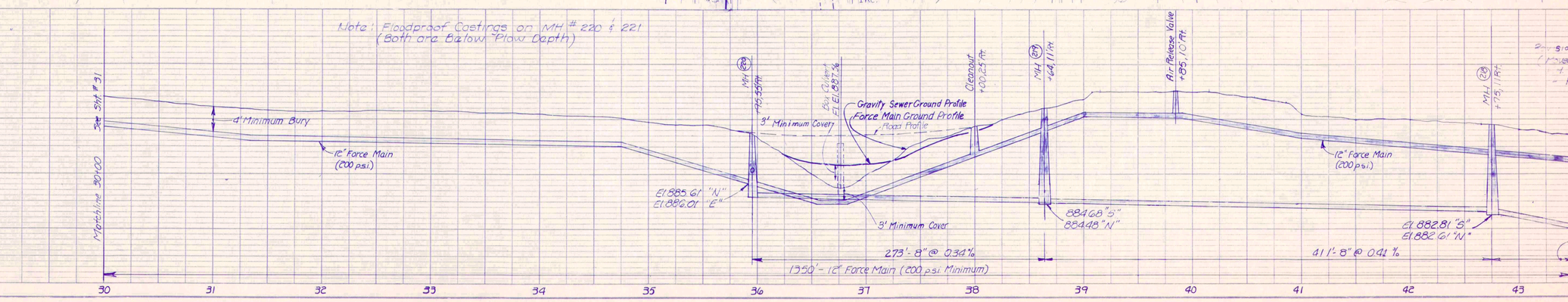
U.S. 36 / Co. Rd. 100 WEST		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC.	31
VERT. 1"=10'	CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	

PLAN
DATE
BY
NOTE BOOK
NO.
SURVEY
SUBMITTED
APPROVED
BY DAVEY CHERRY
PROJECT REGISTRATION SHEET

PROFILE
DATE
BY
NOTE BOOK
NO.
SURVEY
BASIS OF HORIZONTAL
BASIS OF VERTICAL
PROJECT REGISTRATION SHEET



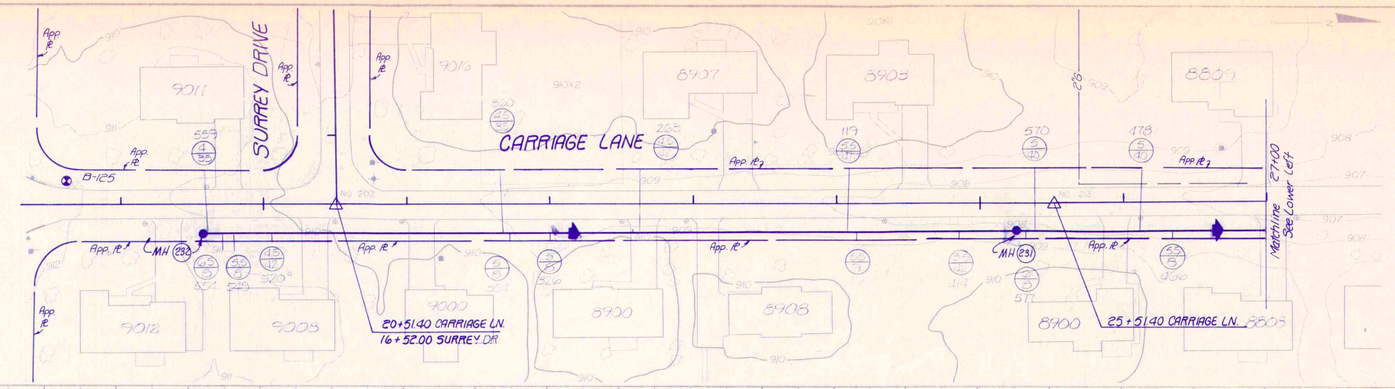


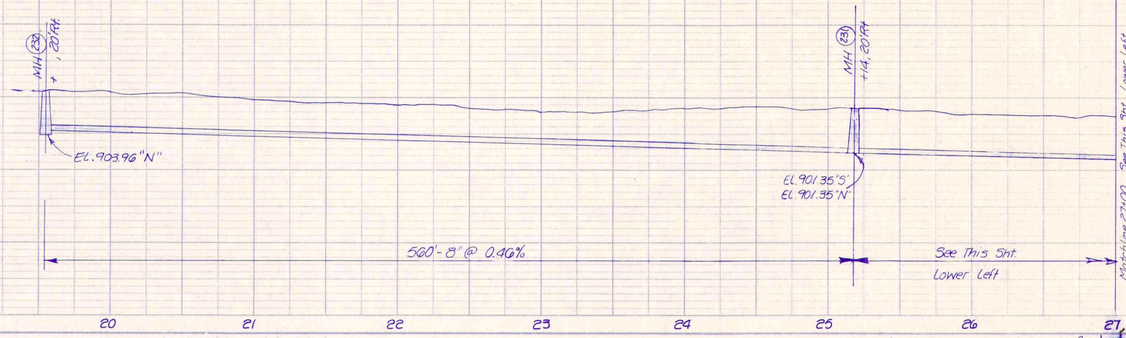


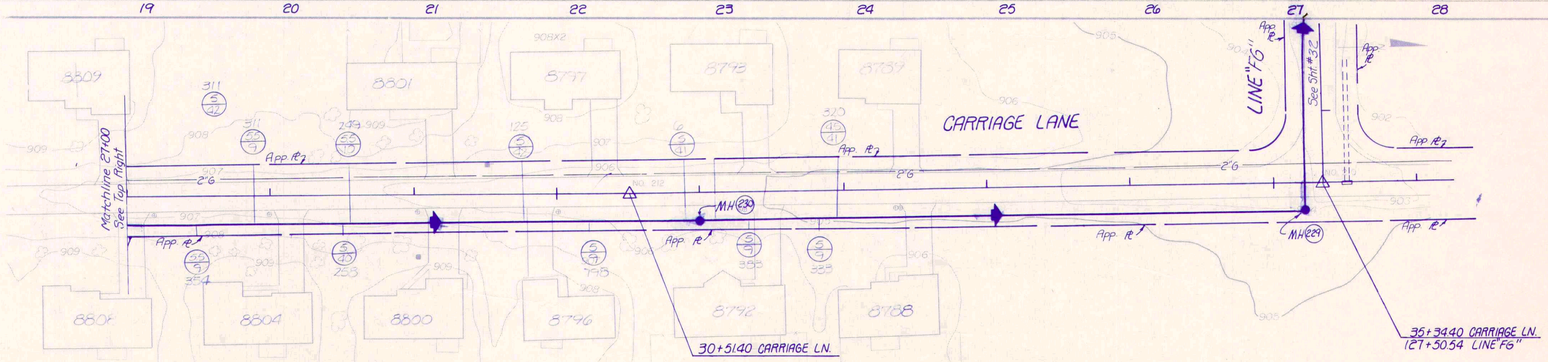
RECORD DRAWING

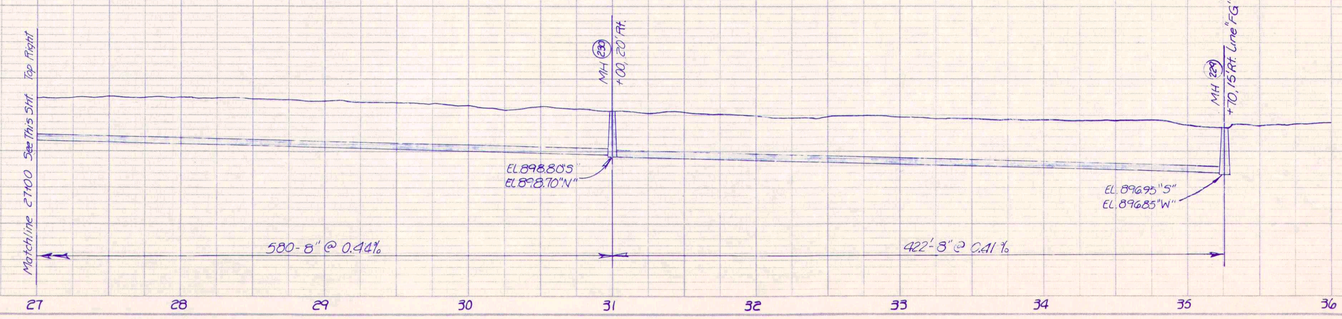
7-30-94

LINE "FG" / Co. Rd. 100 WEST	
FALL CREEK R.W.D. PLAN & PROFILE	SHEET 32
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC.
VERT. 1"=10'	CONSULTING ENGINEERS
	INDIANAPOLIS, INDIANA



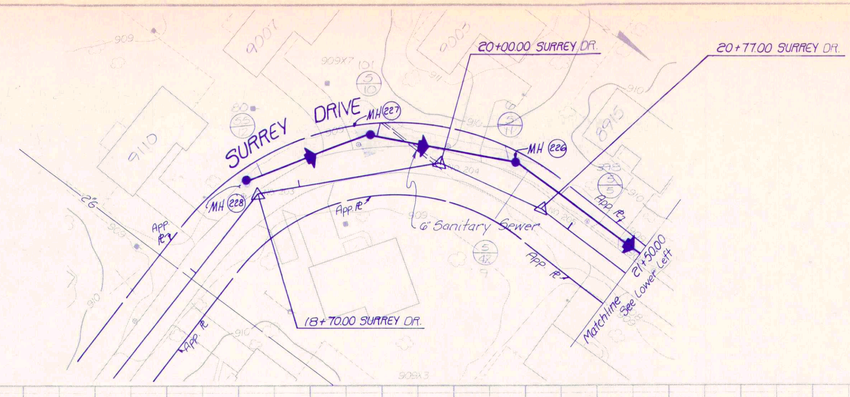


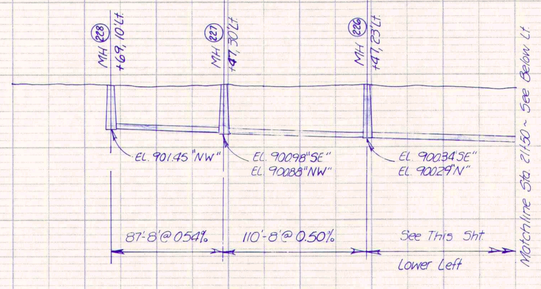


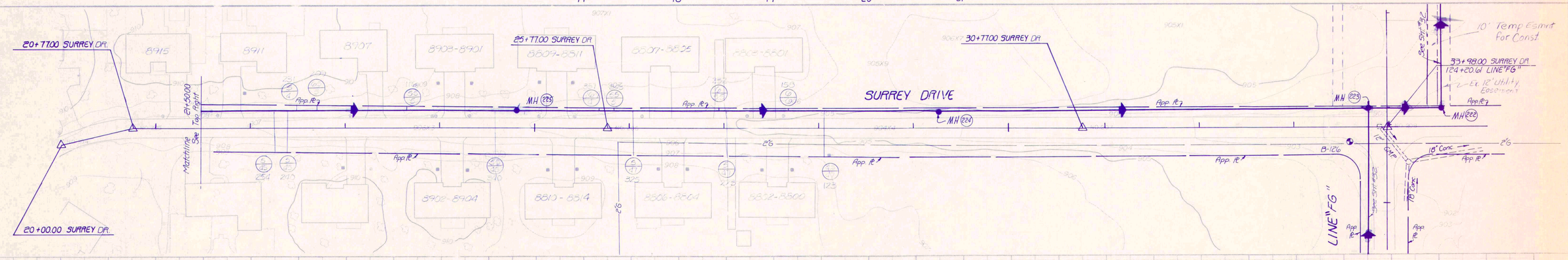


RECORD DRAWING

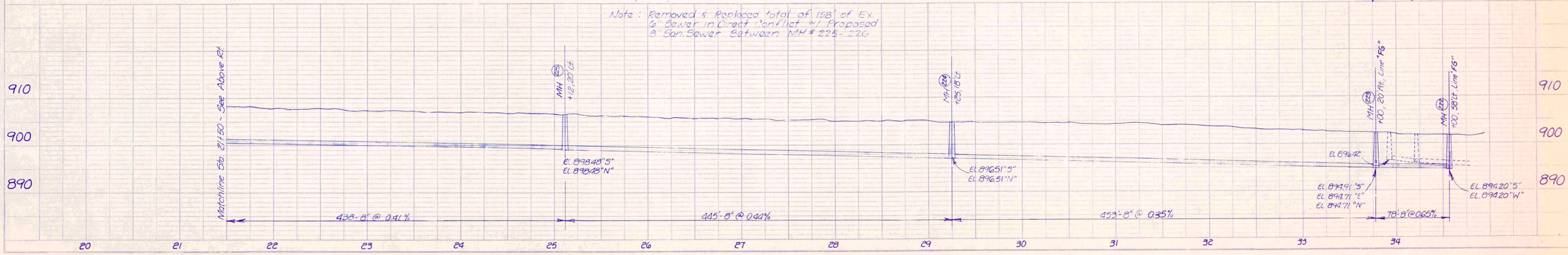
CARRIAGE LANE		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	33
VERT. 1"=10'		







Note: Removed & Replaced total of 158' of Ex. 6" Sewer in Direct Conflict w/ Proposed 8" San. Sewer Between MH # 225 - 226



RECORD DRAWING

SURREY DRIVE		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	34
VERT. 1"=10'		

PLAN
NOTE BOOK
NO.

PROFILE
NOTE BOOK
NO.

116+00.00 LINE "MM"
50+00.30 C.F. 100 W
MH 205
MH 206
MH 207
COUNTY ROAD 100 WEST
See Sht #43
6" Pressure Sewer
12" Force Main
10' Perm. Easement
5' Temp. Easement for Const.
See Sht #44
App. Rt.
LINE "MM"
Matchline 122+00.00 See Top Right
Matchline 126+00.00 See Top Left
See Sht #44
10' Perm. Easement
5' Temp. Easement for Const.
LINE "MM"
Matchline 126+00.00 See Lower Left

MH 208
+25.00 CL Rd 100 W
250 Lt
MH 209
+25.00 CL Rd 100 W
25 Rt
12" Force Main
EL. 866.37 "E"
EL. 866.07 "N"
EL. 866.07 "S"
EL. 865.93 "S"
EL. 865.83 "W"
EL. 865.93 "E"
See Sht #44
553'-8" @ 0.45%
MH 207
+562.5 Lt
EL. 868.73 "E"
EL. 868.70 "W"
Matchline 122+00 See This Sht Top Right
880
870
860
116
117
118
119
120
121
122

MH 207
+562.5 Lt
MH 208
+36.25 Lt
Matchline 122+00 See This Sht Top Left
EL. 883.46 "E"
EL. 883.36 "W"
436'-8" @ 3.45%
(Inclusive length MH 207 to MH 208)
Matchline 126+00 See This Sht Lower Left
890
880
870
122
123
124
125
126

131+03.97 LINE "MM"
30+00.00 LADINO LN "NS"
131+68.37 LINE "MM"
App. Rt.
MH 208
5' Temp. Easement for Const.
10' Perm. Easement
Matchline 126+00.00 See Top Right
LINE "MM"
West Line of Adj.
Existing 10' Utility Easement
MH 209
See Sht # 36 Lower Left
LADINO LANE "NS"
See This Sht Top Right
315
205

50+00.00 LADINO LN "NS"
131+03.97 LINE "MM"
47+25.00 LADINO LN "NS"
131+00.00 LADINO LN.
MH 213
MH 214
MH 210
MH 209
LADINO LANE
LADINO LANE "NS"
LINE "MM"
131+68.37 LINE "MM"
131+54.10 LADINO LN.
See Sht #36
See Sht #36
315
205
114
117

MH 214
+ 1 Ladino Ln
20 Rt.
MH 213
+30.20 Lt
Drop MH 209
+ 1.6 Rt.
+81.67 Rt. LINE "MM"
EL. 894.06 "E"
EL. 894.96 "W"
EL. 895.64 "S"
EL. 895.54 "N"
EL. 890.19 "S"
EL. 885.19 "W"
EL. 895.19 "E"
70'-8" @ 0.46%
264'-5" @ 2.02%
900
890
880
47
48
49
50
51

RECORD DRAWING
5-2-83

LINE "MM" / LADINO LANE "NS"
FALL CREEK R.W.D. PLAN & PROFILE
SHEET 35
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

112

LADINO LANE "NS"

LADINO LANE

LINE "MM"

97+25.00 LADINO LN. "NS"
131+00.00 LADINO LN.

131+54.10 LADINO LN.

132+58.64 LADINO LN.

137+55.82 LADINO LN.

142+18.63 LADINO LN.

MH (213)
MH (214)
MH (215)
MH (216)

See Sht. # 35

App. R/W

PLAN

NOTE BOOK
PAGE
SCALE CHECKED
NO.
DESIGNED DATE CHECKED

910
900
890

+30 Ladino Ln. "NS" 20' Lt.
+34.20 Rt.
+40.20 Rt.
+23.20 Rt.

EL. 891.51 "SE"
EL. 891.51 "N"
EL. 891.81 "E"
EL. 891.71 "NW"
EL. 896.00
EL. 896.34
EL. 898.35 "E"
EL. 898.35 "W"
EL. 901.03 "W"

6" CMP

See Sht. # 35 Lower Right

401'-8" @ 1.63%

580'-8" @ 0.46%

131 132 133 134 135 136 137 138 139 140 141 142

50+00.00 LADINO LN. "NS"
131+03.97 LINE "MM"

131+68.37 LINE "MM"

141+66.49 LINE "MM"

142+14.73 LINE "MM"

136+68.73 LINE "MM"

10' Temp. Esmt. for Constr.

12" CMP

Temp. MH +84.6 Rt.
+20.0 Rt.
+50.20 Rt.
+23.20 Rt.

EL. 890.19 "S"
EL. 886.19 "E"
EL. 886.24 "W"
EL. 885.55 "E"
EL. 885.45 "W"
EL. 886.38
EL. 887.51 "E"
EL. 887.41 "W"
EL. 889.66 W

See Sht. # 35 Lower Left

33'-8" @ 0.78

537'-8" @ 0.35%

478'-3" @ 0.45%

130 131 132 133 134 135 136 137 138 139 140 141 142

PROFILE

RECORD DRAWING

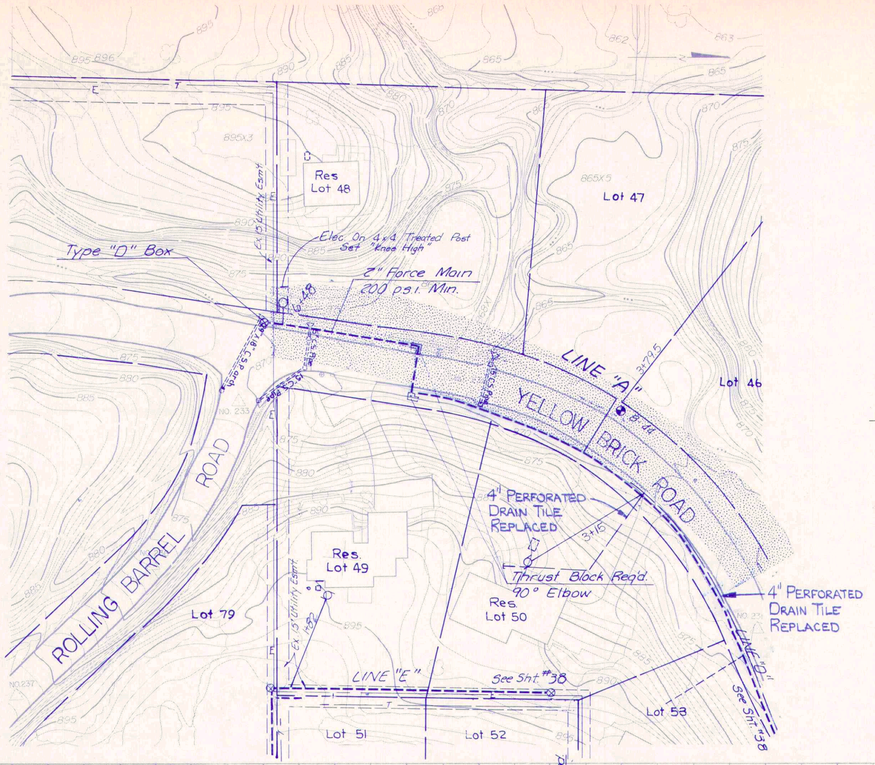
LADINO LANE / LINE "MM"

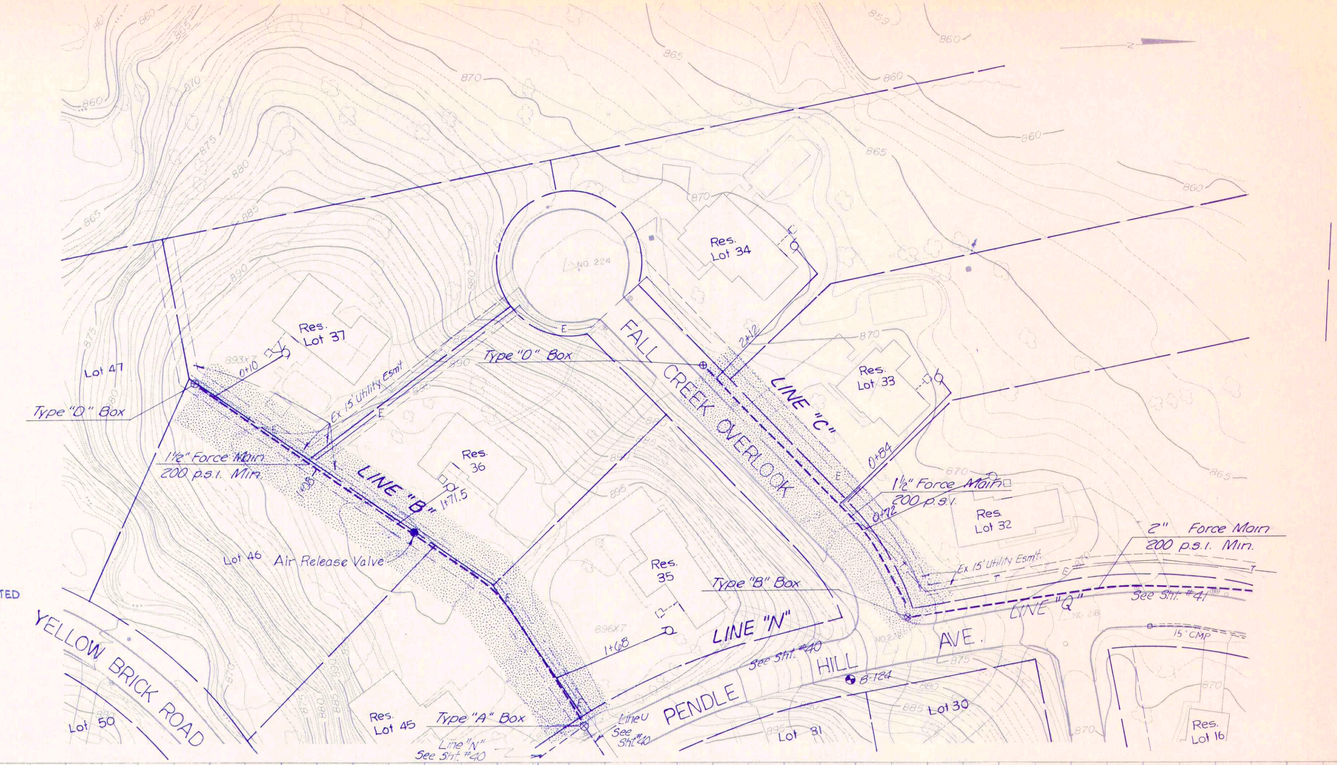
FALL CREEK R.W.D. PLAN & PROFILE

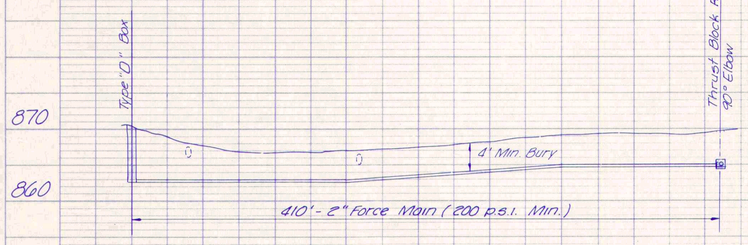
SHEET 36

HORIZ. 1"=50'
VERT. 1"=10'

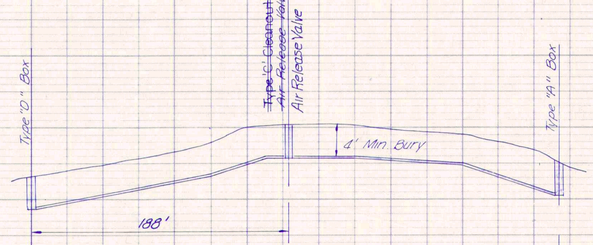
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA



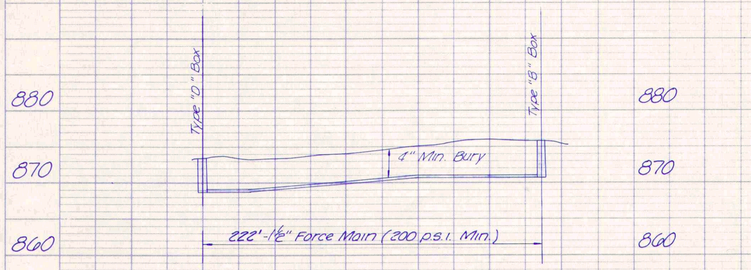




PROFILE "A"



PROFILE "B"



PROFILE "C"

Rev. 4-9-84
Move 2" Force Main (Line A) across the Street

Rev. 9-5-85
Air Release Valve on Line B

Note: All Vacant lots Have Shut-off Valve Installed @ Tee

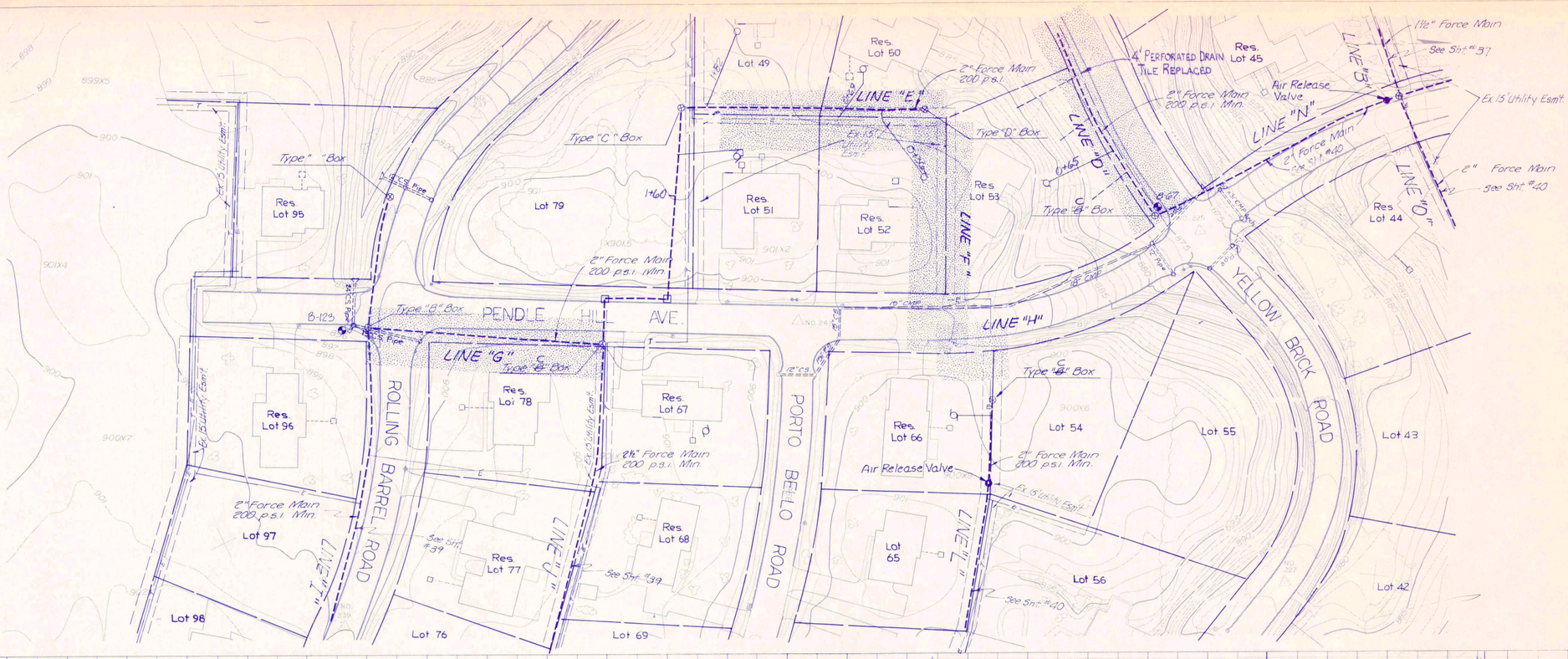
RECORD DRAWING

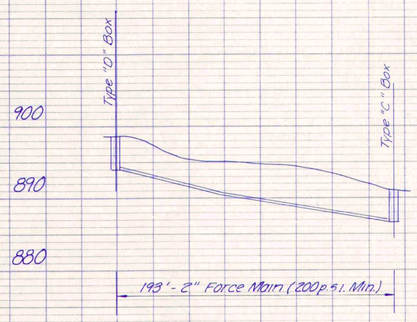
YELLOW BRICK RD. - ROLLING BARREL RD.
FALL CREEK OVERLOOK - PENDLE HILL AVE.

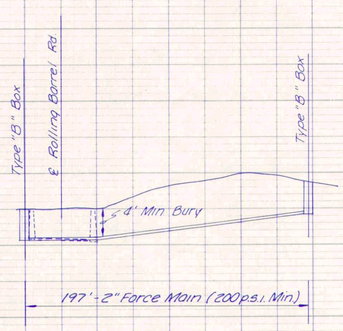
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	37
VERT. 1"=10'		

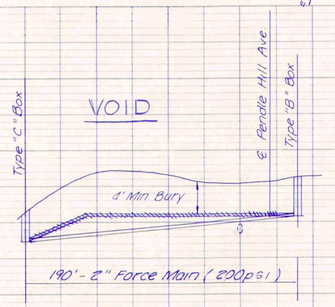
PLAN — SURVEYED · PLOTTED · GRADES CHECKED · R/W PLOTTED · R/W OR WAY CHECKED · STRUCTURE NOTATIONS CHECKED · NOTE BOOK · No. · BY · DATE

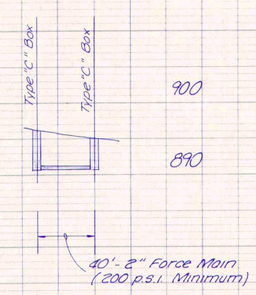
PROFILE — SURVEYED · PLOTTED · GRADES CHECKED · R/W PLOTTED · R/W OR WAY CHECKED · STRUCTURE NOTATIONS CHECKED · NOTE BOOK · No. · BY · DATE

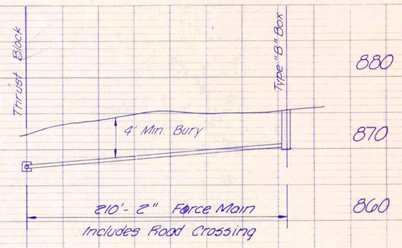












Rev. 9-5-85
Air Release Valve Line "N" & Line "L"

Note: All Vacant Lots Have Shut-off Valve Installed @ Tee

RECORD DRAWING

PENDLE HILL AVE - ROLLING BARREL RD.
YELLOW BRICK RD. - PORTE BELLO RD.
FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 38

PORTO BELLO ROAD

ROLLING BARREL ROAD

PENDLE HILL AVE.

CO RD 100 W

LINE "E"

LINE "G"

LINE "I"

LINE "J"

LINE "K"

Res. Lot 49

Res. Lot 51

Res. Lot 61

Res. Lot 62

Lot 63

Lot 64

Res. Lot 67

Res. Lot 68

Res. Lot 69

Res. Lot 70

Res. Lot 71

Res. Lot 72

Lot 73

Lot 74

Res. Lot 75

Res. Lot 76

Res. Lot 77

Res. Lot 78

Lot 79

Res. Lot 95

Res. Lot 96

Lot 97

Res. Lot 98

Lot 99

Lot 100

Lot 101

Ex. 15' Utility Esmt.

See Sht. #38

See Sht. #39

See Sht. #40

Matchline See Sht. #40

3310395 C.R. 100 W

App. ℄

Type "B" Box #20

Type "B" Box #21

Type "B" Box #24

Type "C" Box

Type "D" Box #23

Type "D" Box #25

8" Force Main 200 p.s.i. Min.

2½" Force Main 200 p.s.i. Min.

12" Force Main 200 p.s.i. Min.

4" Perforated Drain Tile Replaced

Isolation Valve

335'-2" Force Main

3+07

2+51

1+39

0+77

2+92

2+83

3+78

0+02

0+52

0+60

1+25

0+14

1+05

1+56

1+23

2+31

1+01

Type "B" Box

Type "C" Box

Type "D" Box

4' Min. Bury

695'- 2½" Force Main (200 p.s.i. Min.)

PROFILE "J"

160'- 2½" Force Main (200 p.s.i. Min.)

PROFILE "K"

116'- 1½" Force Main

415'- 2" Force Main (200 p.s.i. Min.)

PROFILE "I"

910

900

890

880

Nota: All Vacant Lots have Shut-off Installed ℄ Tee

RECORD DRAWING

ERIC RESKE REGISTERED No. 13800 PROFESSIONAL ENGINEER INDIANA

PORTO-BELLO RD ~ ROLLING BARREL RD
PENDLE HILL AVE.

FALL CREEK R.W.D. PLAN & PROFILE

HORIZ. 1"=50'
VERT. 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

SHEET 39

PLAN
SUBMITTED
PLOTTED
NOTE BOOK
No.
ALIGNMENT CHECKED
PT. OF WAY CHECKED

PROFILE
SUBMITTED
PLOTTED
NOTE BOOK
No.
GRADES CHECKED
R_W_'s NOTED
STRUCTURE ADDITIONS CHECKED

PLAN — SURVEYED / PLOTTED / NOTE BOOK / ALIGNMENT CHECKED / R/W CHECKED / No. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / & ALL NOTES / STRUCTURE NOTATIONS CHECKED

See Sht #41

Res. Lot 32

Type "B" Box

LINE "C"

Ex. 15' Utility Esmt

Res. Lot 33

1½" Force Main 200 p.s.i. Min.

FALL CREEK OVERLOOK

Res. Lot 34

LINE "C"

Res. Lot 30

Lot 29

Type "C" Box

Ex. 15' Utility Esmt

See Sht #41

½" Force Main 200 p.s.i. Min

Lot 43

Lot 42

Lot 41

Lot 40

Lot 39

Lot 38

Res. Lot 31

LINE "C"

A.R.V.

Isolation valve

PENDLE HILL AVE

11/4" Force Main 200 p.s.i. Min

Ex. 15' Utility Esmt

Res. Lot 35

0+08

Type "A" Box

0+335

LINE "N"

Res. Lot 44

YELLOW BRICK ROAD

2" Force Main 200 p.s.i. Min

1½" Force Main 200 p.s.i. Min

Res. Lot 36

Air Release Valve

LINE "B"

Ex. 8' Utility Esmt

See Sht #38

Res. Lot 45

Type "A" Box

0+96

0+82

2" Pipe

Lot 46

Res. Lot 37

LINE "D"

See Sht #38

LINE "F"

See Sht #38

Type "B" Box

LINE "H"

Lot 55

Lot 56

Res. Lot 57

Res. Lot 58

Lot 54

Air Release Valve

2+02

Ex. 15' Utility Esmt

2" Force Main 200 p.s.i. Min

1+08.5

Type "C" Box

3+17

LINE "L"

2+24

Res. Lot 64

Res. Lot 65

Res. Lot 66

Type "B" Box

Res. Lot 63

2+49.5

1+64

1+55.5

0+80

Res. Lot 59

Res. Lot 60

Res. Lot 61

Res. Lot 62

LINE "K"

2½" Force Main 200 p.s.i. Min

PORTO BELLO ROAD

Motorline See Sht #39

Lot 71

Res. Lot 72

8" Gravity Sewer See Sht #32

20' Esmt

MH 220

5' Temp. Esmt for Const. 10' Perm. Esmt

8" Gravity Sewer

See Sht #32

LINE "M"

LINE "FG"

2½" Force Main

Type "B" Box

0+86

2½" Force Main 200 p.s.i. Min

35+37.94 CR 100 W

116+00.00 Line "FG"

Type "B" Box Isolation Valve

Air Release Valve

Air Release Valve

12" Force Main 200 p.s.i. Min See Sht #32

CO RD 100 W

LINE "A"

LINE "I"

LINE "G"

Ex. 15' Utility Esmt

PROFILE "K"

Notch/line - See Sht #39

4' Min. Bury

Air Release Valve

Type "B" Box

160'- 2½" Force Main (200 p.s.i. Min)

PROFILE "M"

Type "5" Box

1½" @ +35.33 "E" Co. Rd. 100 W

4' Min bury

85'- 8½" F.M. (200 P.S.I.)

El. 888.50 "N"

El. 890.40 "E"

PROFILE "L"

Type "C" Box

Air Release Valve

Type "C" Box

4' Min. Bury

Air Release Valve

Type "B" Box

Type "C" Box

700'- 2" Force Main (200 p.s.i. Min.)

130'- 2½" Force Main (200 p.s.i. Min)

PROFILE "N"

Type "B" Box

Air Release Valve

Type "B" Box

Type "D" Box

Air Release Valve

4' Min. Bury

Type "B" Box

225'- 2" Force Main (200 p.s.i. Min.)

210'- 1½" Force Main (200 p.s.i. Min.)

PROFILE "O"

Type "B" Box

E. Pendle Hill Ave

Type "B" Box

4' Min. Bury

Type "B" Box

380'- 2½" Force Main (200 p.s.i. Min.)

Rev. 9.5.85
Air Release Valve Line "L" & Line "K" & Line "N" & Line "O" & Line "B"

Note: All Vacant Lots Have Shut-off Valves Installed @ Tee

RECORD DRAWING

3-30-87

FALL CREEK OVERLOOK ~ PENDLE HILL AVE
YELLOW BRICK RD. ~ PORTO BELLO RD.

FALL CREEK R.W.D. PLAN & PROFILE — SHEET 40

HORIZ. 1"=50'
VERT. 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED — NOTE BOOK / No. — BY / DATE

PROFILE — SURVEYED / PLOTTED / CRADES CHECKED / R.O.W. STAKED / STRUCTURE ADJUSTMENTS CHECKED — NOTE BOOK / No. — BY / DATE

Monchwire - See Sht #42

Res. Lot 13 · Res. Lot 14 · Res. Lot 15 · Res. Lot 16 · Res. Lot 17 · Res. Lot 18 · Res. Lot 19 · Res. Lot 20 · Res. Lot 21 · Res. Lot 22 · Res. Lot 23 · Res. Lot 24 · Res. Lot 25 · Res. Lot 26 · Res. Lot 27 · Res. Lot 28 · Res. Lot 29 · Res. Lot 30 · Res. Lot 31 · Res. Lot 32 · Res. Lot 33 · Lot 38 · Lot 39 · Lot 40 · Lot 41 · Lot 42 · Lot 43 · Lot 44 · Lot 60

Ex. 15' Utility Esmt

1+45 2" Force Main 200 p.s.i. Min.

2+10

Type "C" Box 2+91

Thrust Block Req'd

LANCASHIRE LANE

PENDLE HILL AVE.

FALL CREEK OVERLOOK

2" Force Main 200 p.s.i. Min.

1+90 Type "B" Box

1½" Force Main 200 p.s.i. Min.

Line "N" See Sht #40 1½" Force Main 200 p.s.i. Min.

Line "G" See Sht #32

Line "O" See Sht #40

45° Bend

1+60.5

0+07

2+82

2+07 Type "C" Box

Line "P"

0+81

1+05

Type "C" Box

2+01

Air Release Valve

0+10

Type "C" Box

2+85 4" Force Main 200 psi. Min.

0+76

2+05

0+28

90° Elbow Thrust Block Req'd

Ex. 15' Utility Esmt

Line "T" See Sht #40

2" Force Main 200 p.s.i. Min.

8" Gravity Sewer See Sht #32

12" Force Main 200 p.s.i. Min.

Type "D" Box

3816777 Co. Rd 100 W.

MH (29)

2½" Force Main 200 p.s.i. Min.

100 CO. RD W

Existing 10' Drainage Easement in favor of Robert G. Taylor Inc.

10' Perm. Esmt.

5' Temp. Esmt for Const.

From Fiddlers Green See Sht #32

5' Temp. Esmt for Const.

MH (28)

Type "C" Box · Air Release Valve Type "C" Box · Type "D" Box · 90° Elbow · MH (29) 3816777 Co. Rd 100 W. 11' RT

910 / 900 / 890 / 880

E1 897.17 "N"
E1 897.27 "S"

E1 897.50 W
*See Note

d' Min. Bury

653'-8½" Force Main (200 p.s.i. Min.)

PROFILE "P"

Type "B" Box · Thrust Block Req'd · ℄ Pendle Hill Ave. · Type "C" Box · 15" CMP

d' Min. Bury

465'-2" Force Main (200 p.s.i.)

Matchline See Sht #32

PROFILE "Q"

Revision: 3-20-84 (As. Sht. 32)

Note: All Vacant Lots Have Shut-off Valve Installed @ T&I

*NOTE: 2½" Force Main To Be Brought Through Manhole @ Approx. Elev. 897.50 Force Main To Be Turned Down in Manhole Utilizing 90° Bend. Discharge 2½" F.M. @ Elev. 888.00 Force Main To Be Fastened To Manhole Walls @ 5'3 Straps on 24" Centers Straps to be fastened w/ Steel Expansion Anchors.

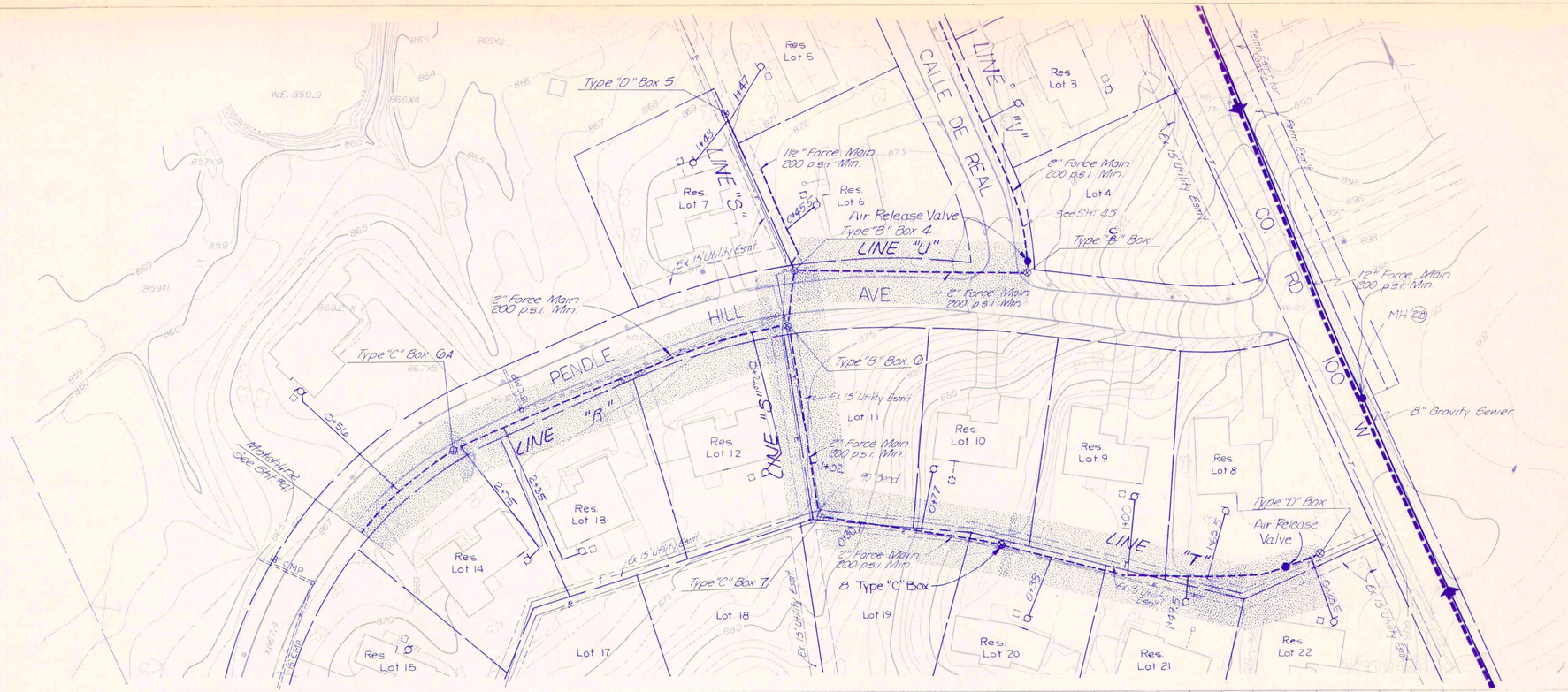
Rev. 9-5-85
Air Release Valve Line "P"

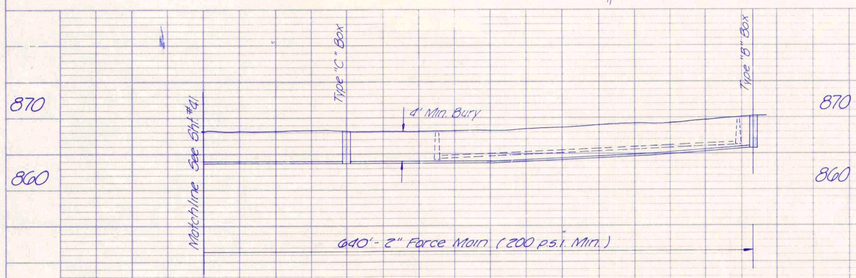
RECORD DRAWING

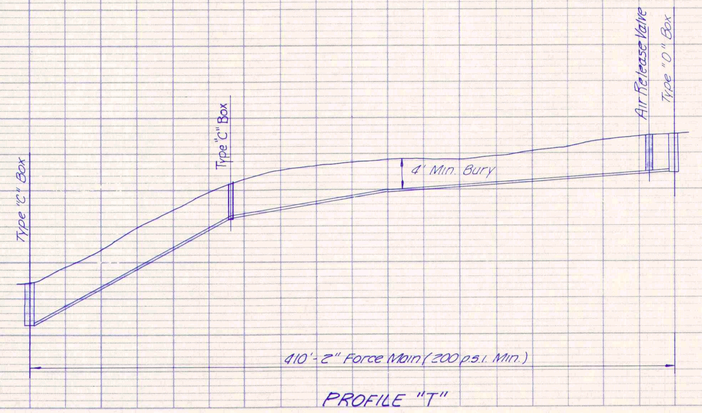
PENDLE HILL AVE.
LANCASHIRE LN. - CO RD 100 W.
FALL CREEK R.W.D. PLAN & PROFILE — SHEET 41

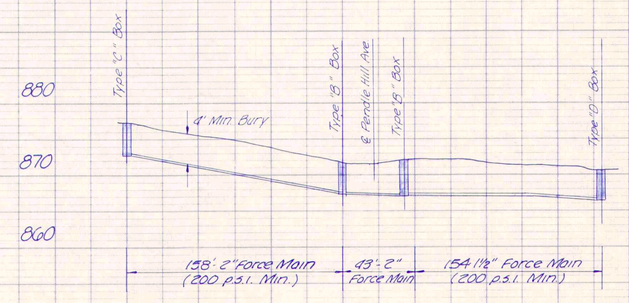
HORIZ. 1"=50'
VERT. 1"=10'

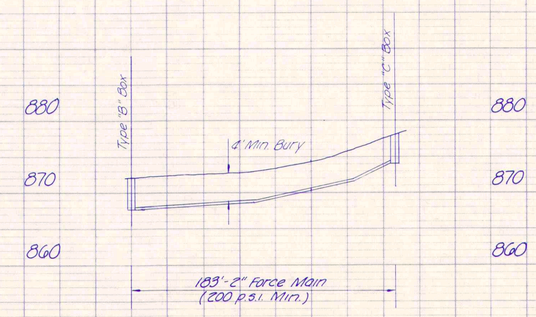
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA











NOTE: PROFILE "S" SHIFTED TO FAR EAST SIDE OF EASEMENT IN ORDER TO SAVE EVERGREENS.

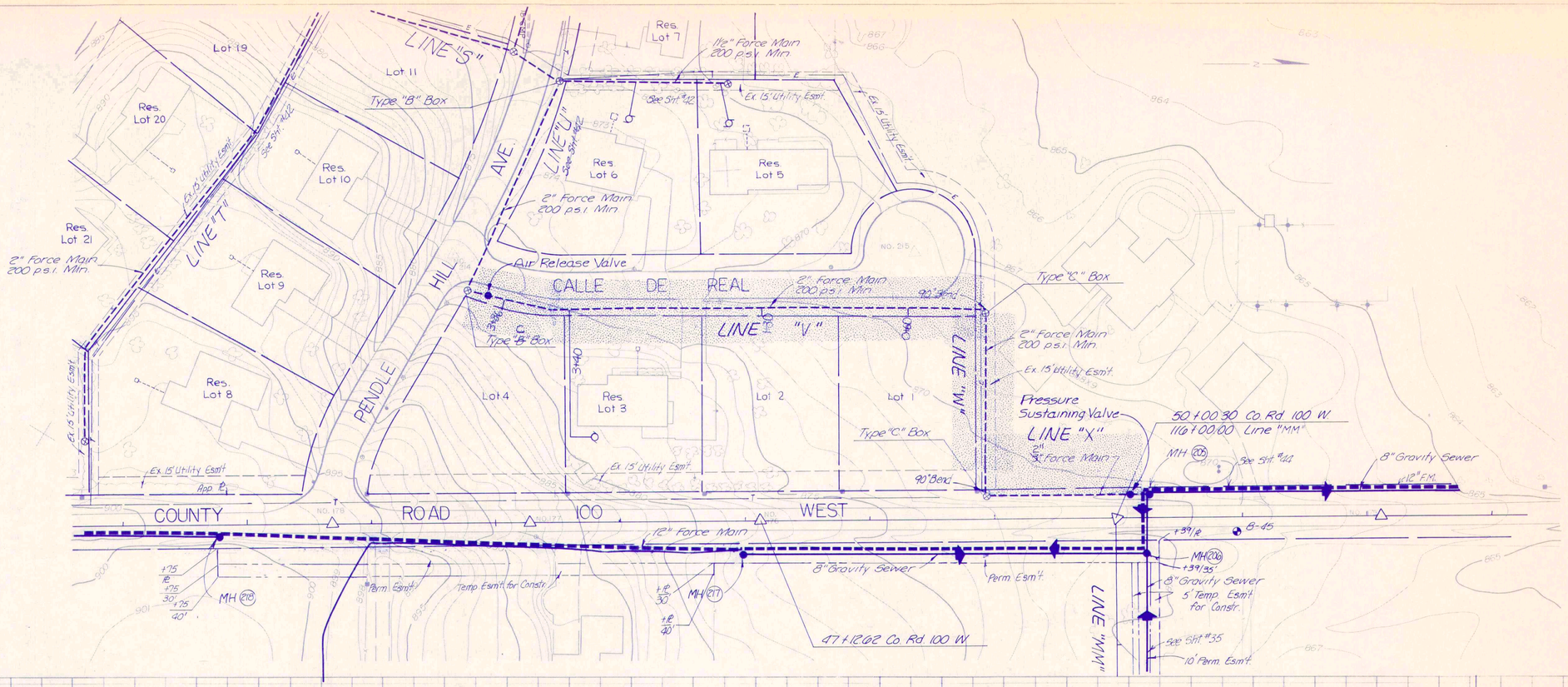
Revision 3-20-84 (A-Dr. Sht. 32)

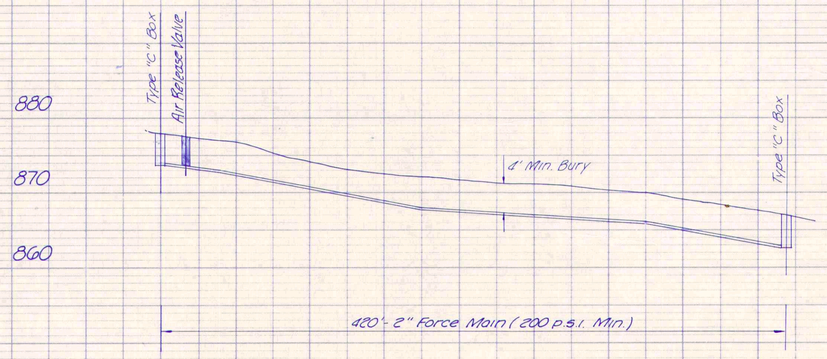
Note: All Vacant Lots have Gr. off Valves Installed & Tag

Rev 9-5-85
Air Release Valve Line "T" & Line "V"

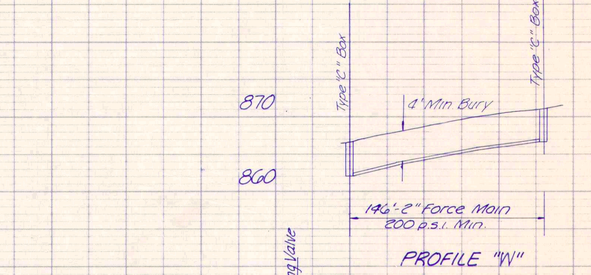
RECORD DRAWING

PENDLE HILL AVE - Co. RD. 100 W CALLE DE REAL	
FALL CREEK R.W.D. PLAN & PROFILE	SHEET 42
HORIZ. 1"=50' VERT. 1"=10'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA

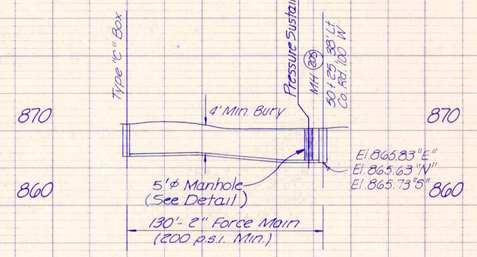




PROFILE "V"



PROFILE "W"



PROFILE "X"

Revision: 3-21-89
(Change Distance of Line "V" & Revise as/ Sht. 32)

Rev. 9-5-85
Air Release Valve Line "W"
Pressure Sustaining Valve Line "X"

Note: All Vacant Lots Have Shut-off Valve Installed @ Tee

RECORD DRAWING

PENDLE HILL AVE. - CO. RD 100 W.
CALLE DE REAL

FALL CREEK R.W.D. PLAN & PROFILE

HORIZ. 1"=50'
VERT. 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

PLAN — SURVEYED, PLOTTED, NOTE BOOK, ALIGNMENT CHECKED, No., RT. OF WAY CHECKED, BY, DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, R. & L. NOTED, ELEVATIONS CHECKED, No.

DH7

PLAN
DRAFT
SURVEYED
NOTE BOOK
NO.
DATE
BY

PENDLE HILL AVENUE

App. R/W

45+26.87 C.R.100W

Existing 15' Utility Easement

15' Existing Utility Easement

50+00.30 C.R.100W
116+00.00 LINE "MM"

NOTE: Trees To be undisturbed except in area of Lift Station & Perm. Esm't.

57+12.62 C.R.100W

Matchline 43+10.00 See Sht. #32 Lower Right

43+67.77 C.R.100W
116+00.00 PENDLE HILL AVE.

Perm. Esm't
Temp. Esm't. for Constr

MH (27)

47+12.62 C.R.100W

Perm. Esm't
90° Bend & Thrust Block

LINE "MM"

See Sht. #35

3" F.M.
See Sht. #23

MH (204)

12" F.M.

MH (205)

B-45

MH (206)
+139.35

5' Temp. Easement for Const

10' Perm. Easement

52+12.62 C.R.100W

Matchline 58+00
See Lower Left

890
880
870
860

MH (27)
400.25 Rt.

MH (206)
+125.25 Rt.

MH (205)
+125.20 Lt.

Note Elevation Breakline

El. 871.53 "S"
El. 871.43 "N"

MH (206) El. 865.93 "S"
El. 865.93 "E"
El. 865.83 "W"

MH (205)
El. 865.95 "E"
El. 865.86 "N"
El. 865.95 "S"

MH (234)
+85.20 Lt.

4'-4" Min. Bury

12" Force Main

El. 855.93 "S"
El. 855.83 "N"

428'-8" @ 2.58%

675'-12" Force Main

325'-8" @ 1.70%

340'-8" @ 2.94%

920'-12" Force Main (Includes Road Crossing)

535'-8" @ 0.0%

Matchline Sta. 58+00 - See Lower Lt.

880
870
860
850

43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58

PROFILE
DRAFT
SURVEYED
NOTE BOOK
NO.
DATE
BY

+60 100'
+60 80'
Temp. Esm't for Constr.
+55 100'
+55 80'
Perm. Esm't
+60 ℄
+55 ℄
App. ℞
13'-8" @ 0.45%

Matchline 58+00.00
See Top Right

B-128

See Sht. 77 for Details of Lift Station

App. ℞

62+12.62 C.R.100W

Temp. Easement for Constr.
Perm. Esm't
Perm. Esm't
+00 80'
+00 60'
+00 50'
+ ℄
+ R.
64'
+ R.
54'

COUNTY ROAD 100 WEST

MH (233)

App. ℞

B-129

MH (234)

App. ℞

67+12.62 C.R.100W

Temp. Easement for Constr.

Perm. Easement

71+97.57 C.R.100W

+00 45'
+00 35'

MH (235)

App. ℞

Matchline Sta 72+40.00

App. ℞

880
870
860
850

Matchline Sta 58+00 - See Top Rt.

Valve Pit
59+12.88 ℄
Lift Station
& Wetwell
100.00+ 2.24 Rt.

Prop. Ground
(See Sht. # 77
for Contours)

165' Stream Crossing
125' Ductile Iron Pipe
See Sht. #81
for Details

+50
+15

Drop MH (233)
105.42+ 2.24 Rt.

El. 852.18 "S"
El. 852.03 "W"

El. 848.98 "N"

See Above Rt.

180'-12" @ 0.42%
(Exclusive of Stream Crossing)

Drop MH (234)
+50.00 Rt.

El. 861.92 "N"
El. 857.72 "N"
El. 857.12 "S"

500'-12" @ 0.84%

MH (235)
+87.22 Lt.

El. 863.97 "S"
El. 863.97 "N"

487'-12" @ 0.4[illegible]%

See Sht. #45

Matchline Sta 72+40.00 - See Sht. #45

Rev. 3-26-84
Moved Location
of L.S. & Sta.
7+00 to 59+00
& changed the
Esm't.

880
870
860
850

58 59 60 61 62 63 64 65 66 67 68 69 70 71 72

905
859
T79-

RECORD DRAWING

Co. Rd. 100 WEST
FALL CREEK R.W.D. PLAN & PROFILE
SHEET 44
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

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PLAN
STAKED
NOTE BOOK
NO.
ALIGNMENT CHECKED
PT. OF BEG.
PT. OF END
CHECKED
DATE
BY

PROFILE
STAKED
NOTE BOOK
GRADES CHECKED
P.I. NOTED
P.C. & P.T. CHECKED
NO.
DATE
BY

MADISON AVENUE

71+97.55 MADISON AVE.
Temp. Easement for Construction
Permanent Easement
App. ℄
MH 236
77+05.32
82+05.32 MADISON AVE.
MH 237
MH 238
MH 239
B-130
B-131
See Sht #46
MATCH LINE See Sht #44
10' Temp. Esmt for Constr.
10' Perm. Esmt
See Sheet No 47
81+05.32 MADISON AVE.
116+00.00 COUNTY RD. 575 S
Co Rd 575 S

MATCH LINE See Sht #44
MH 236 +.29 Left
MH 237 +.29 Lt.
MH 238 +14.10 Lt.
MH 239 +76 Left
El. 881.39 "N"
El. 881.29 "S"
Approx. Rock Line
866.06 "N"
865.95 "S"
867.72 "N"
867.72 "S"
868.96 "N"
868.76 "S"
869.16 "N.E."
430'-12" @ 0.…%
430'-12" @ 0.39%
216'-12" @ 0.08%
344'-12" @ …2%
See Sheet No 46

MADISON AVENUE
MH 236
MH 253
MH 245
MH 246
B-131
B-46
See Sht #43
See Sht #48
See Sht #49
See Above
10' Temp Esmt for Constr
10' Perm. Esmt
116+00.00 COUNTY RD. 575S
87+05.32 MADISON AVE.
120+10.42 COUNTY RD 575S
87+00.00 ROWENA COURT
122+83.42 COUNTY RD 575S
123+36.00 CR575S
87+00.00 LINE "RA"
127+83.42 COUNTY RD 575S
87+00.00 SEYBERT RD.
10' PERMANENT EASEMENT
10' TEMPORARY EASEMENT FOR CONSTRUCTION
COUNTY ROAD 575S

MH 236 +59.8" Lt.
MH 253 +84.10' Lt.
MH 245 +71.1' Lt.
MH 246 +74.5' Lt.
42" C.M.P.
884.59 "E"
882.96 "W"
881.53 "N"
881.43 "E"
873.21 "N"
874.11 "W"
873.21 "S"
873.71 "E"
877.78 "N"
877.68 "W"
305'-8" @ 0.53%
376'-8" @ …35 %
408'-8" @ 0.27 %

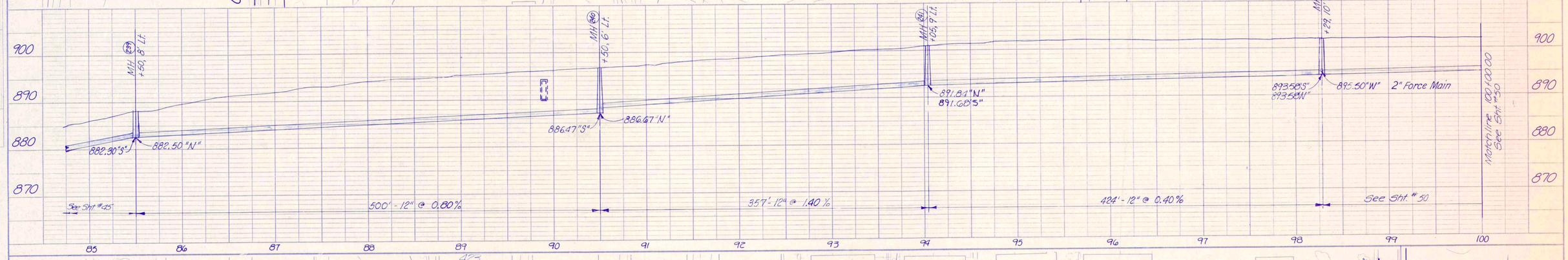
RECORD DRAWING

MADISON AVE./ Co. Rd. 575S
FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 45

PLAN — SURVEYED / PLOTTED / DRAWN / CHECKED / NOTE BOOK / NO. / DATE

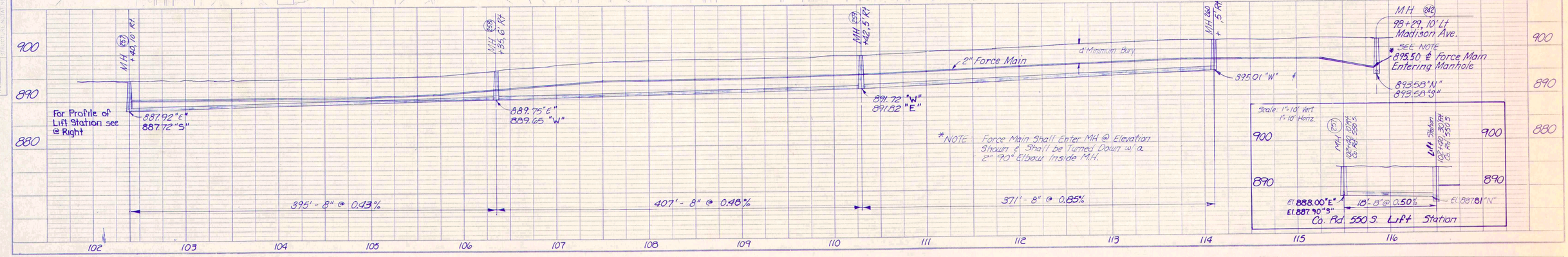
239 — 254 — 87+05.32 MADISON AVE. 116+00.00 COUNTY RD. 515 S — 91+05.06 MADISON AVE. — MADISON AVENUE — Co Rd 550 S — See Below — 2" Force Main — 100+10.51 MADISON AVE.

MH (239) — B-131 — MH (240) — MH (241) — MH (242) — See Sht # 45 — App. R. — 96 — Co. Rd. 575 S — 96+05.06 MADISON AVE. 116+00.00 SEYBERT RD. — SEYBERT RD — 98+29.06 MADISON AVE. 116+00.00 COUNTY RD. 500 S — Matchline 100+00.00 See Sht # 50



102+00.00 COUNTY RD. 550 S — See Profile @ Rt. — MH (257) — COUNTY ROAD 550 SOUTH — 106+00.00 COUNTY RD 550 S — MH (258) — MH (259) — 111+00.00 COUNTY RD 550 S — 2" Force Main — MH (260) — MH (242) — AVENUE — MADISON — See Above — 116+00.00 COUNTY RD 550 S 98+29.06 MADISON AVE.

Perm R/W for Lift Sta. — County Rd 550 S Lift Station — See Plan of Lift Station Sheet # 77



*NOTE: Force Main Shall Enter MH @ Elevation Shown & Shall be Turned Down 90° a 2" 90° Elbow Inside M.H.

PROFILE — SURVEYED / PLOTTED / DRAWN / CHECKED / NOTE BOOK / NO. / STRUCTURE NUMBERS ON PLAN

RECORD DRAWING

MADISON AVE / Co. Rd. 550 S

FALL CREEK R.W.D. PLAN & PROFILE	SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC.
VERT. 1"=10'	CONSULTING ENGINEERS
	INDIANAPOLIS, INDIANA

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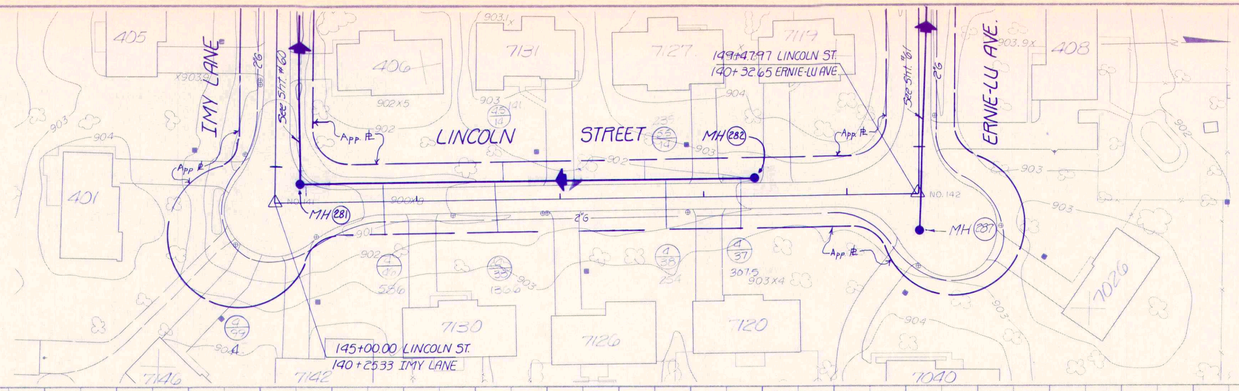
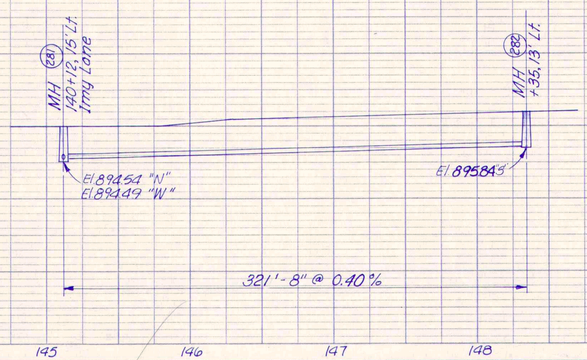
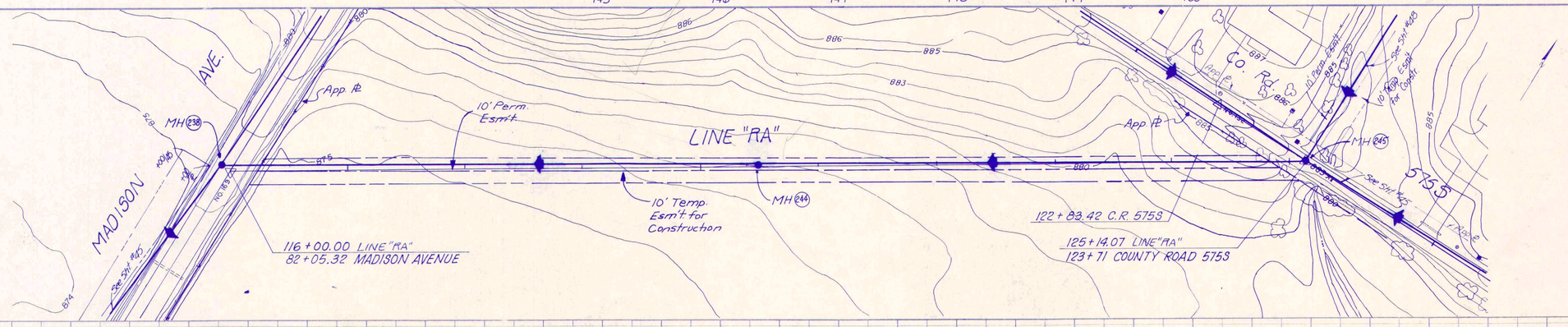
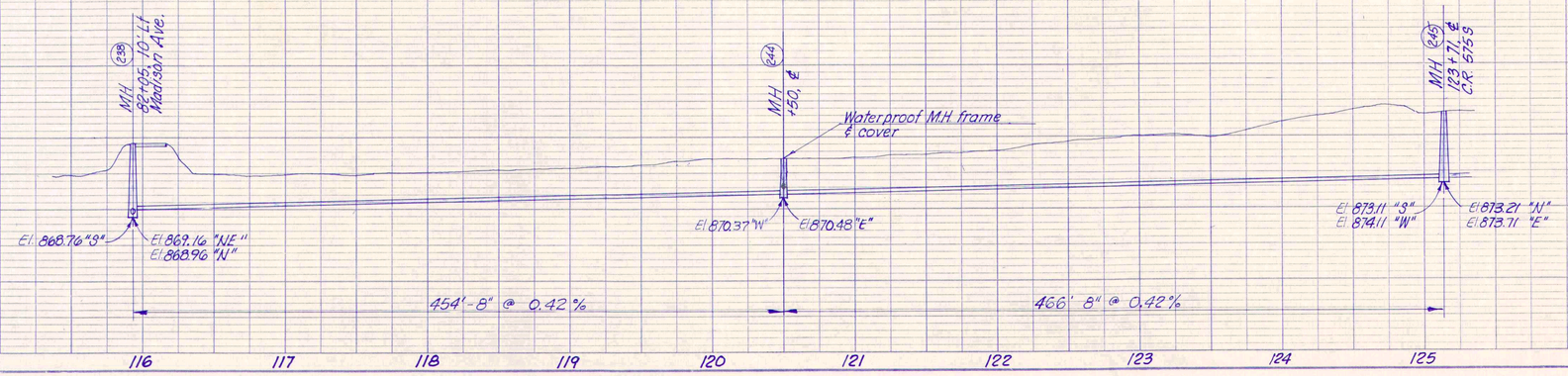








PLAN — DRAWN, PLOTTED, TRACES CHECKED, ALIGNMENT CHECKED, R/T OF W/Y CHECKED, STRUCTURE NOTATIONS CHKD. — DATE, BY, NOTE BOOK, NO.

PROFILE — DRAWN, PLOTTED, TRACES CHECKED, LETTERED, STRUCTURE NOTATIONS CHKD. — DATE, BY, NOTE BOOK, NO.

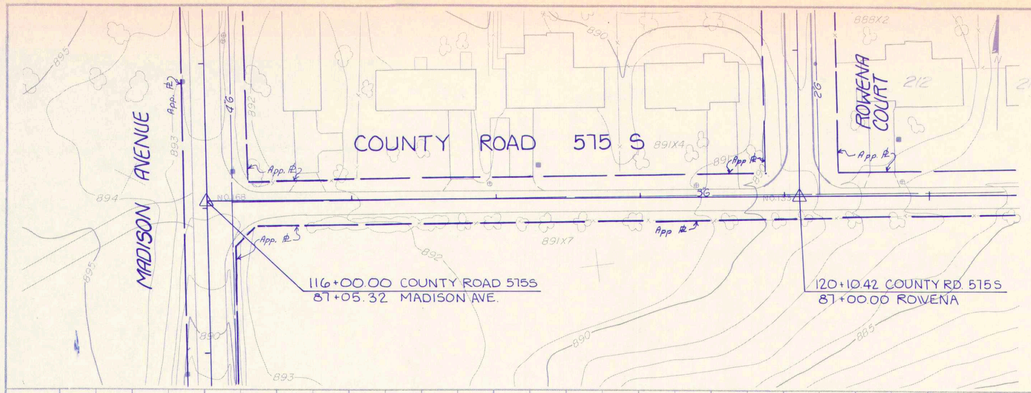
RECORD DRAWING

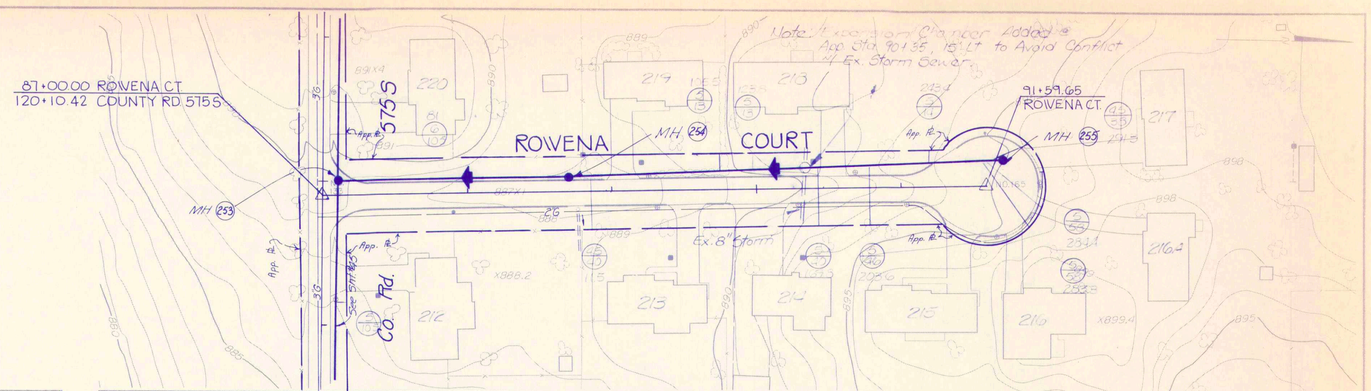
LINCOLN ST. – LINE "RA"

FALL CREEK R.W.D. PLAN & PROFILE — SHEET 47

HORIZ. 1"=50' VERT. 1"=10'

BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA





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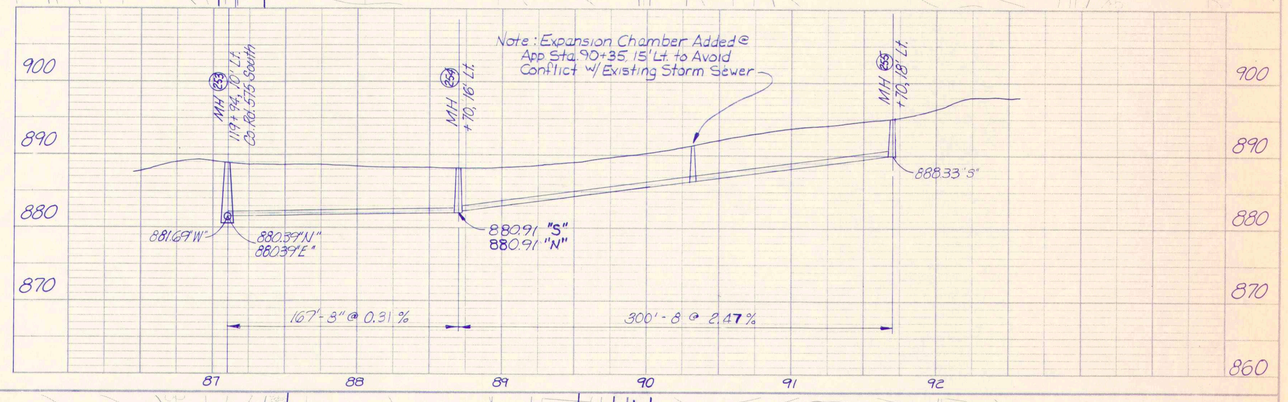
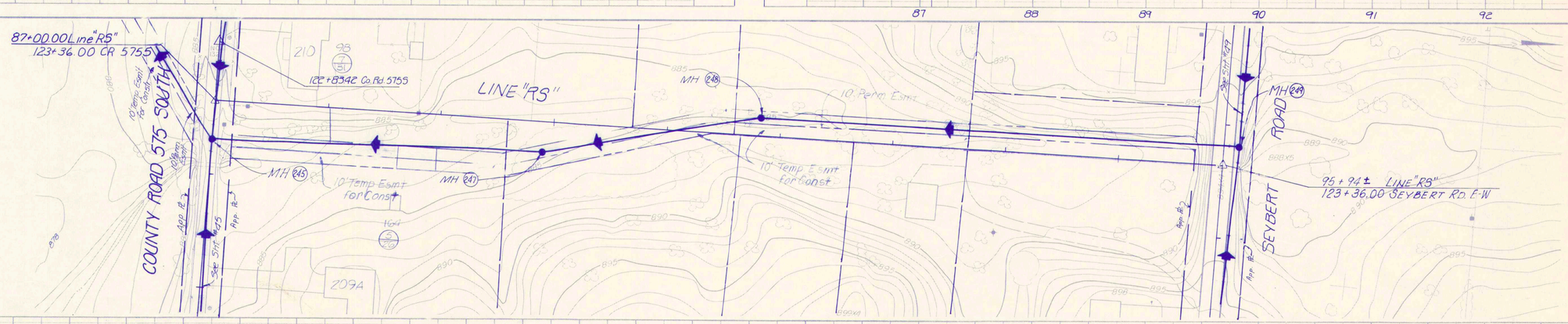
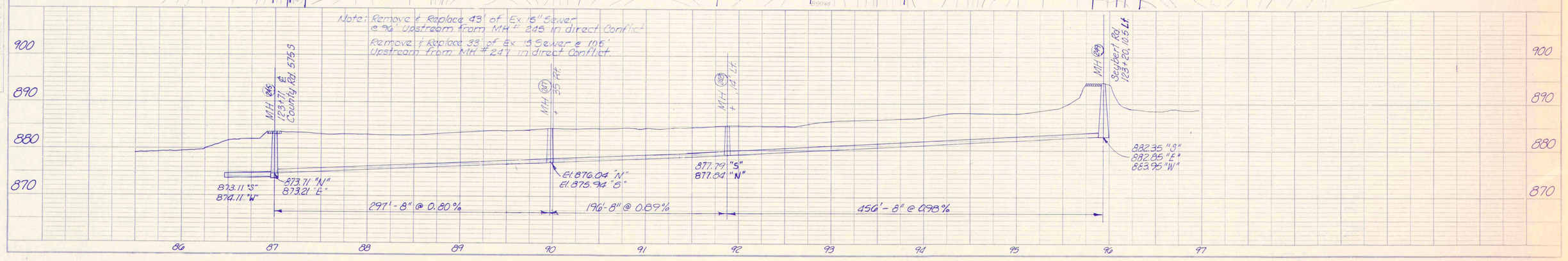






RECORD DRAWING

Co. Rd. 575S / ROWENA CT.
LINE "RS"

FALL CREEK R.W.D. PLAN & PROFILE — SHEET 48

HORIZ. 1"=50'
VERT. 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

PLAN
DRAWN
TRACED
CHECKED
ALIGNMENT CHECKED
NOTE BOOK
NO.
RT. OF W'Y CHECKED

PROFILE
DRAWN
TRACED
CHECKED
NOTE BOOK
NO.
STRUCTURE NOT AS SHOWN

DATE
BY

Co. Rd. 575 S.

See Sht. #25

SEYBERT ROAD "NS"

SEYBERT ROAD "EW"

See Above

Lot 2

87+00.00 SEYBERT RD "NS"
127+83.92 Co Rd. 575 S.

92+00.00 SEYBERT RD "NS"

95+88.85 SEYBERT RD "NS"
127+80.83 SEYBERT RD "EW"

232'

Gas Co. Easement

Lot 1

MH (246) 877.03 Seybert 4' L.A.

MH (251) 182.21

MH (250) 127.68 Seybert 7' L.A.

El. 877.68 "W"
El. 877.78 "N"

El. 895.52 "N."
El. 895.72 "S"

El. 891.45 "S"
El. 891.15 "W"

467'-8" @ 3.84 %

428'-8" @ 0.15 %

900 / 890 / 880 / 870

87 88 89 90 91 92 93 94 95 96 97

MADISON AVENUE

SEYBERT ROAD "EW"

SEYBERT ROAD "NS"

MH (252)

MH (249)

MH (250)

10' Temp. Esmt. for Constn.

10' Perm. Esmt.

See Sht. #68

See Above

116+00.00 SEYBERT RD "EW"
96+05.06 MADISON AVE.

121+00.00 SEYBERT RD "EW"

126+00.00 SEYBERT RD "EW"

127+80.83 SEYBERT RD "EW"
95+88.85 SEYBERT RD "NS"

MH (252) 153.01

MH (249) 120.05' Lt.

MH (250) 138.17' Lt.

El. 894.64 "W"

El. 883.95 "E"
El. 882.85 "W"
El. 882.35 "S"

El. 891.45 "S"
El. 891.15 "W"

590'-3" @ 1.81 %

452'-8" @ 1.59 %

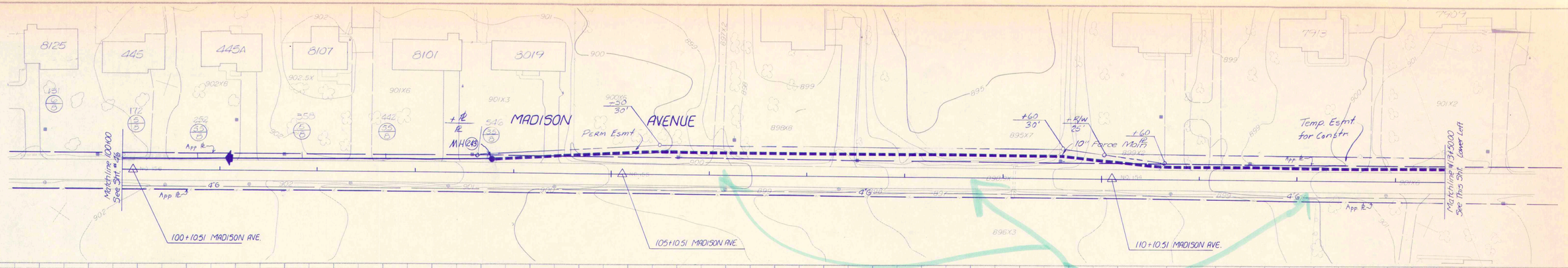
900 / 890 / 880

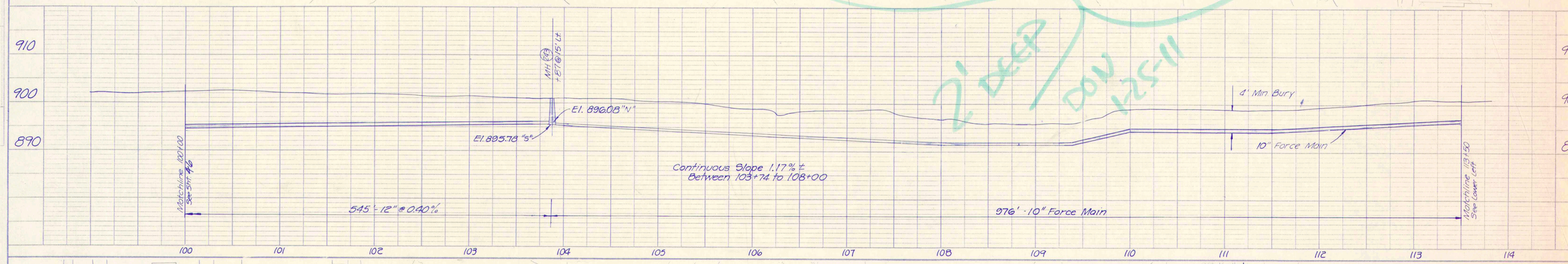
116 117 118 119 120 121 122 123 124 125 126 127 128

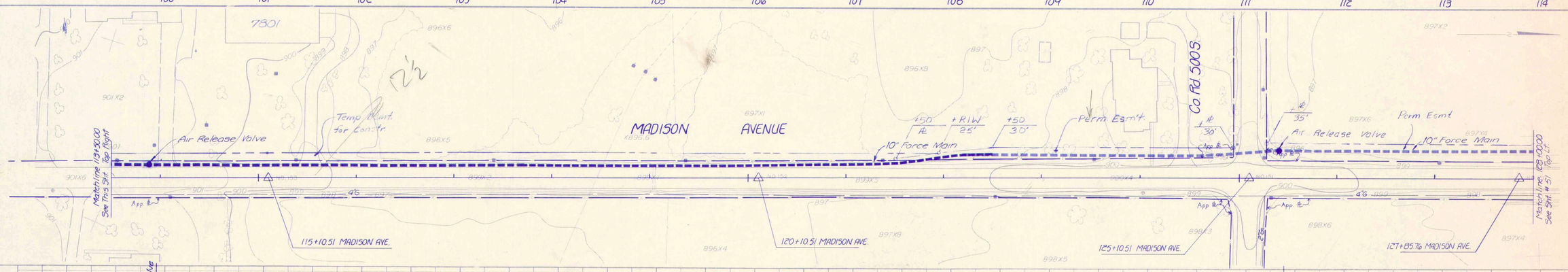
RECORD DRAWING

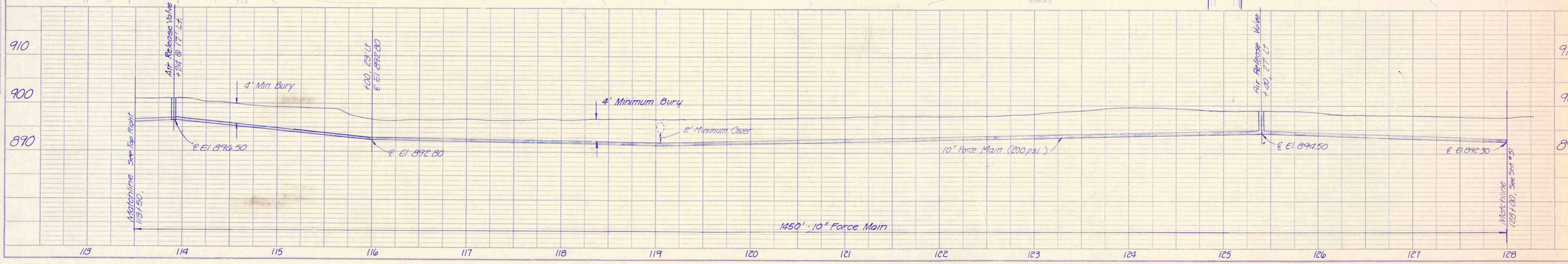
ERIC RESKE
81
7-12-83
STATE OF INDIANA
REGISTERED PROFESSIONAL ENGINEER

SEYBERT ROAD "N.S" & "EW"
FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 49









RECORD DRAWING

ER 3-30-11

MADISON AVENUE		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	50
VERT. 1"=10'		

PLAN
DESIGN
DRAWN
ALIGNMENT CHECKED
PT. OF WAY CHECKED
NOTE BOOK
NO.
DATE
BY

MADISON AVENUE

Perm. Esmt.

Matchline 128+00.00 See Sht. #50

App. ℄

Matchline 142+00.00 See This Sht. Lower Left

127+85.76 MADISON AVE.

132+85.76 MADISON AVE.

137+85.76 MADISON AVE.

142+85.76 MADISON AVE.

ROW RAG

Matchline 128+00.00 See Sht. #50

℄ EL. 892.30

4' Minimum Bury

1400 Lft. of 10" Force Main (200 p.s.i.)

Continuous Slope ± 0.20%

Matchline 142+00.00 See Lower Left

℄ EL. 889.50

900 890 880 870

128 129 130 131 132 133 134 135 136 137 138 139 140 141 142

Perm. Esmt. +62 35'

Matchline 142+00.00 Top Right See This Sht.

90° Bend ℄ +65

See Profile Left

Temp. Esmt. for Constr.

Perm R/W for Lift Sta.

For Detailed Site Plan of Lift Station see Sht. 77

MADISON AVENUE

MH 262

MH 261

MH 263

MH 264

IMY LANE

SLACK DRIVE

SOIL BORING B-47

Perm. Esmt.

(12± Conc. Under Stone (Some asphalt at Madison Ave.))

See Sht. #52 Top Left

142+85.76 MADISON AVE.

145+11.62 MADISON AVE.
116+00.00 IMY LANE

146+77.62 MADISON AVE.

151+77.62 MADISON AVE.

153+87.87 MADISON AVE.
116+00.00 SLACK DR.

142+54 21.5' Lt.

Lift Station 1424.54, 94.5 Rt.

Station ℄ 154+32.5 Rt. MH 261 +77.28 Rt.

Matchline 142+00 See Above Right

MH 262 +125.25 Rt.

MH 263 145.25 Rt.

MH 264 103.25 Rt.

Ex. Storm Sewer

EL. 880.11 "N&S"
EL. 880.19

18"-12" @ 0.30%

EL. 881.41 "E"
EL. 881.41 "N"
EL. 881.31 "S"

EL. 882.03 "S"
EL. 882.18 "N"

EL. 884.39 "N"
EL. 883.79 "S"
EL. 883.74 "E"

36"-10" Force Main

ROAD CROSSING

54"-10" Force Main

@ 16'-12" @ 0.25%

452'-12" @ 0.13%

456'-12" @ 0.35%

See Sht. #52 Top Left

900 890 880 870

142 143 144 145 146 147 148 149 150 151 152 153 154 155

25' Perm. ℄ Rd

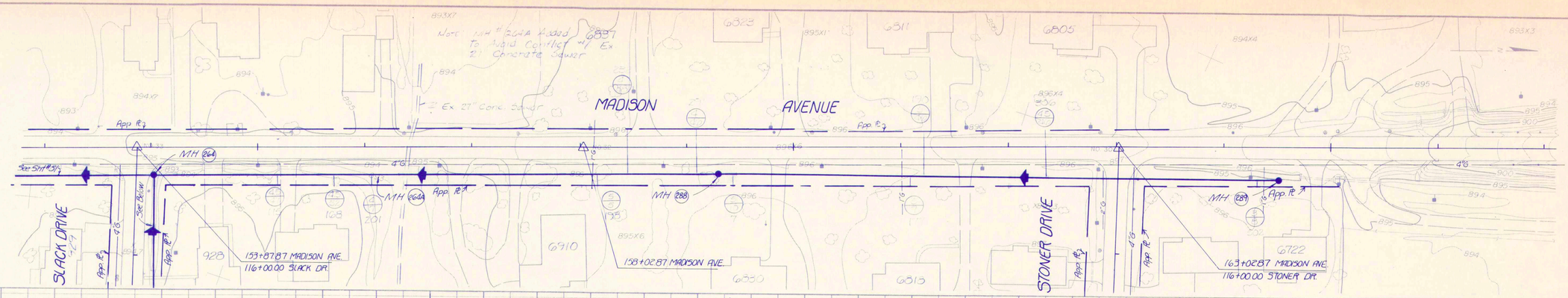
RECORD DRAWING

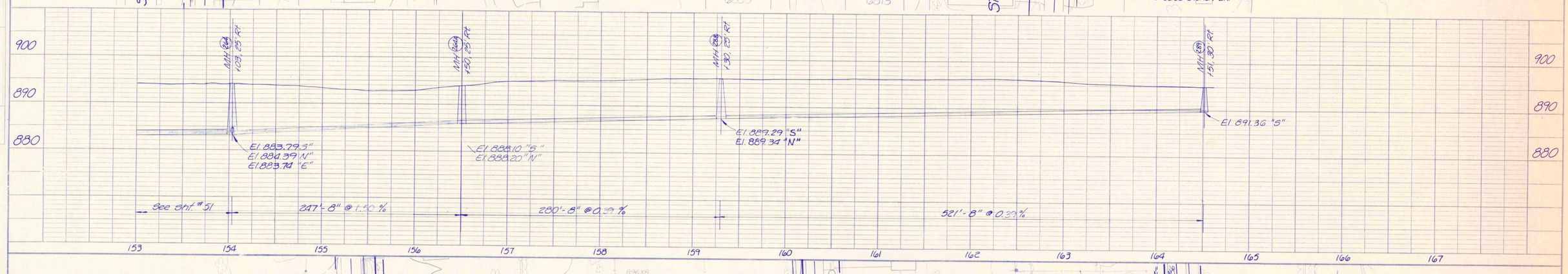
PUBLIC RELEASE 5-10-83

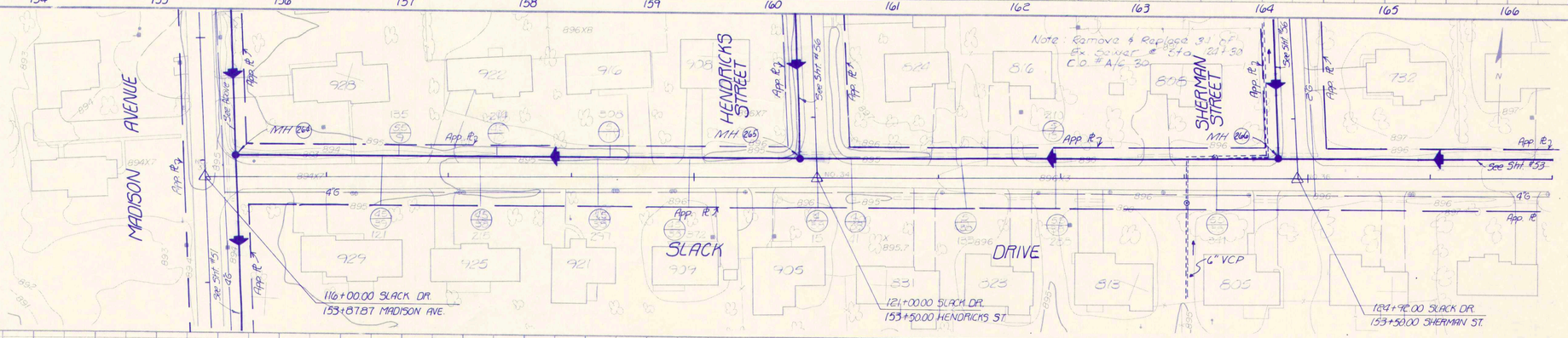
MADISON AVENUE
FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 51

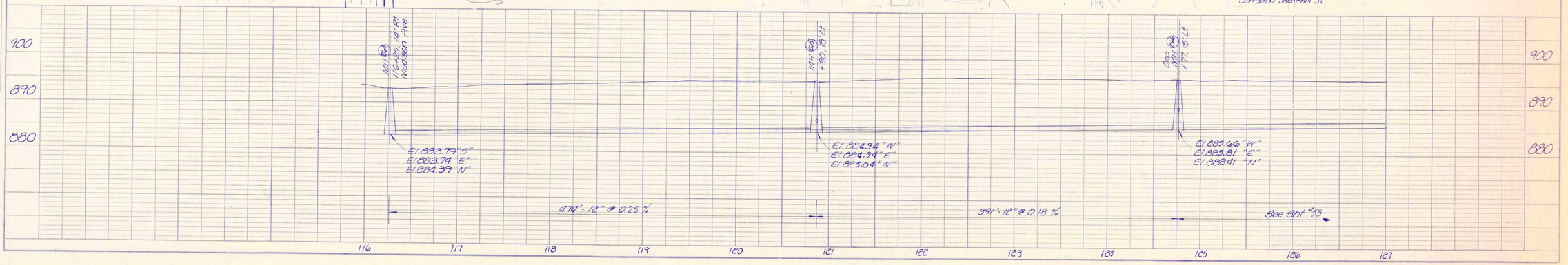
PLAN — DATE — BY — APPVD'D — NOTE BOOK — PLOTTED — CHK'D — QUANTITIES — CHECKED — R/W PLATS — CHECKED — RT. OF WAY CHECKED — NO.

PROFILE — DATE — BY — APPVD'D — NOTE BOOK — PLOTTED — CHK'D — QUANTITIES — CHECKED — STRUCTURE/NTTAN/SCHED — NO.









RECORD DRAWING

MADISON AVE. / SLACK DR.

FALL CREEK R.W.D. PLAN & PROFILE — SHEET 52

HORIZ. 1"=50' — VERT. 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
GRADES CHECKED
R/W NOTED
RT. OF WAY CHECKED
DATE
BY

SHERMAN STREET
SHERIDAN STREET
FAIRVIEW STREET
SLACK DRIVE
SHERIDAN STREET
STONER DRIVE

808 732 724 6933 638 620 616
733 725 717 709 637 629 619 615
6933 6921 6913 6905 6839 6827 6819 6807 616
709 SLACK DRIVE 6920 6912 6904 6840 6832 6824 6816 6808 STONER DRIVE

See Sht #36 · See Sht #52 · See Below · See Sht #53 · See Sht #54 · See Sht #55
6" VCP · 12" Storm · 18" Storm · MH (266) · MH (267) · MH (268) · MH (269) · MH (270) · MH (297)
App Rt · 2'6 · 4'6

124+92.00 SLACK DR.
153+50.00 SHERMAN ST.
128+42.00 SLACK DR.
153+50.00 SHERIDAN ST.
130+61.76 SLACK DR.
131+92.61 SLACK DR.
153+50.00 FAIRVIEW ST.
153+50.00 SHERIDAN ST.
128+42.00 SLACK DR.
157+66.08 SHERIDAN ST.
162+66.08 SHERIDAN ST.
128+42.20 STONER DR.

Drop MH (266) 177.15' L.F.
MH (267) 137.15' L.F.
MH (268) 108.1' L.F.
MH (267) 128.1.37.15 L.F. Slack Dr.
MH (270) + 1.18 Lt.
MH (297) + 1.18 Lt.

6" VCP
Storm.
Storm
12" Storm
18" Storm

El. 885.66 "W"
El. 883.81 "E"
El. 888.41 "N"
El. 896.88 "W"
El. 886.78 "E"
El. 887.48 "N"
El. 887.83 "W"
El. 887.88 "E"
El. 887.88 "N"
El. 887.48 "N"
El. 886.88 "W"
El. 886.78 "E"
El. 889.05 "S"
El. 889.10 "N"
El. 891.71 "S"
El. 891.96 "W"
El. 891.91 "E"

See Sht. #52 · 300'-12" @ 0.29% · 371'-12" @ 0.28% · See Sht. #54
397'-8" @ 0.16% · 535-8" @ 0.47%

900 890 880
123 124 125 126 127 128 129 130 131 132 133
153 154 155 156 157 158 159 160 161 162 163

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
GRADES CHECKED
R/W NOTED
RT. OF WAY CHECKED
DATE
BY

RECORD DRAWING
3-30-83

SLACK DR./ SHERIDAN ST.
FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 53

PLAN — SURVEYED / DRAWN / TRACED / GRADES CHECKED / NOTE BOOK / NO. / ALIGNMENT CHECKED / RT. OF WAY CHECKED / DATE / BY

PROFILE — DRAWN / TRACED / GRADES CHECKED / NOTE BOOK / NO. / ENTERED ON STATION CHKD / DATE / BY

JACKSON STREET
RECORDS DR.
160+23.03 JACKSON ST.
155+91.25 JACKSON ST.
6835 149+67.75 RECORDS DR.
158+91.00 JACKSON ST.
See Sht #55
See Sht #53
See For Right
MH (273)
MH (312)
MH (313)
App Rt
STONER DR.
JARSON ST.
162+01.86 JACKSON ST.
146+74.45 STONER DR.
SOKOL CT.
MH (316)
164+02.01 JACKSON ST.
SOKOL COURT
DRIVE
STONER
145+13.27 STONER DR.
See Sht #58

910 / 900 / 890

MH (273) 1.20, 10 CY
E1. 892.72 "S"
E1. 892.82 "N"
E1. 893.22 "E"
372'-8" @ 0.48%
MH (312) 1.70, 8 CY
E1. 894.61 "S"
E1. 894.61 "N"
See Right
Drop MH (313) 1.15, 5 CY
E1. 895.58 "S"
E1. 895.68 "NW"
895.48 "NE"
200'-8" @ 2.3%
MH (316) 1.15, 5 CY
E1. 900.42 "W"
MH (314) 1.70, 13 CY
E1. 896.36 "SE"
E1. 896.56 "W"
Drop MH (315) 1.15, 5 CY
E1. 895.58 "S"
E1. 895.68 "NW"
E1. 895.48 "NE"
199'-8" @ 0.34%
Drop MH (313) 1.15, 5 CY
E1. 895.58 "S"
E1. 895.48 "NE"
E1. 895.68 "NW"
MH (312) 1.70, 8 CY
E1. 894.61 "NW"
E1. 894.61 "S"
231'-8" @ 0.42%

156 157 158 159 160 162 163 164 145 146 162 161 160

FAIRVIEW STREET
DELAWARE STREET
SLACK DRIVE
See Sht #53
See Sht #55
Ex. 24" Storm
MH (268)
MH (269)
MH (270)
MH (271)
130+61.76 SLACK DR.
131+92.61 SLACK DR.
153+50.00 FAIRVIEW ST.
134+38.34 SLACK DR.
139+38.34 SLACK DR.
144+26.34 SLACK DR.
153+00.00 DELAWARE ST.

910 / 900 / 890 / 880

MH (268) 1.20, 7 CY
E1. 887.83 "W"
E1. 887.88 "E"
E1. 887.88 "N"
See Sht. # 53
369'-12" @ 0.20%
MH (269) 1.20, 2 CY
E1. 888.62 "W"
E1. 888.62 "E"
Ex. Storm Drainage Inlet
Ex. 24" Storm Sewer
433'-12" @ 0.32%
MH (270) 1.20, 12 CY
E1. 890.04 "W"
E1. 889.99 "E"
407'-12" @ 0.22%
MH (271) 1.10, 10 CY
E1. 890.91 "W"
E1. 891.21 "E"
E1. 892.51 "N"
See Sht. #55

131 132 133 134 135 136 137 138 139 140 141 142 143 144 145

RECORD DRAWING

JACKSON ST. / STONER DR.
SLACK DR.
FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 54

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED — NOTE BOOK — NO. — DATE — BY

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / R. M.'s NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK — NO. — DATE — BY

SLACK DRIVE — FALL CREEK DRIVE — SPRING MILL ROAD — DELAWARE STREET — JACKSON STREET — RECORDS DR. — MERIDIAN STREET — MAIN STREET

153+00.00 DELAWARE ST.
144+26.34 SLACK DR.

156+29.00 DELAWARE ST.
144+34.90 FALL CREEK DR.

159+39.33 DELAWARE ST.
144+38.93 SPRING MILL R.D.

144+26.34 SLACK DR.
153+00.00 DELAWARE ST.

147+55.19 SLACK DR.
153+00.00 JACKSON ST.

155+91.25
149+69.75 RECORDS DR.

153+00.00 JACKSON ST.
147+55.19 SLACK DR.

149+69.75 RECORD ST.
155+91.25 JACKSON ST.

153+39.70 RECORDS DR.
155+59.80 MERIDIAN ST.

158+00.00 RECORDS DR.
155+69.65 MAIN ST.

155+59.80 MERIDIAN ST.
153+39.70 RECORDS DR.

151+00.00 MERIDIAN ST.

MH 271 — 149+11.41 Slack Dr. 10'Lt.
MH 308 — +11.15' Lt.
MH 309 — +15' Lt.
MH 271 — +11.10' Lt.
MH 272 — 1852.00' Lt.
MH 272 — +10.15' Lt.
MH 273 — 155+91.25 Jackson St. 10' Lt.
MH 274 — +15' Lt.
MH 275 — +00.16' Lt.
MH 276 — +20.15' Lt.
MH 274 — 157+23.61 Records Dr.

2" Gas

El. 895.31 "N"
El. 890.97 "W"
El. 891.07 "E"

El. 895.44 "S"
El. 895.59 "W"
El. 893.69 "N"

El. 896.79 "S"
El. 897.09 "W"

El. 892.51 "N"
El. 891.21 "E"
El. 892.91 "W"

El. 891.00 "W"

892.00' N"

El. 892.00 "N"
El. 891.00 "W"

El. 892.79 "S"
El. 892.99 "W"
El. 893.29 "E"

308'-8" @ 0.95 %

327'-8" @ 0.35%

See Sht. 57

334'-10" @ 0.25 %

311'-12" @ 0.25 %

910 / 900 / 890 / 880

153 154 155 156 157 158 159 144 145 146 147 153 154 155 156

Note: Expansion Chamber Added @ App. Sta. 151+89. Fo. Ale 41

*NOTE: Force Main Shall Enter MH 275 At Elevation Shown & Shall Be Turned Down w/ An 8" 90° Elbow

MH 273 — 151.80 Jackson St. 10' Lt.
MH 274 — +15' Lt.
MH 275 — +00.16' Lt.
MH 276 — +20.15' Lt.
MH 274 — 157+23.61 Records Dr.

2" Gas

El. 892.79 "S"
El. 892.99 "W"
El. 893.29 "E"

El. 896.01

El. 896.99 "S"
El. 896.39 "E"
El. 896.19 "W"

El. 899.30 "W"

47 Minimum Cover

*NOTE

Force Main El. 878.30

El. 877.80 "N"

El. 896.99 "S"
El. 896.39 "E"
El. 896.19 "N"

365'-10" @ 0.80%

375'-10" @ 0.77 %

135'-8" Force Main

135'-8" @ 0.18%

910 / 900 / 890 / 880

150 151 152 153 154 155 156 157 158 151 152 153 154 155

RECORD DRAWING

DELAWARE ST./ SLACK DR./ JACKSON ST.
RECORDS DR./ MERIDIAN ST.
FALL CREEK R.W.D. PLAN & PROFILE — SHEET 55
HORIZ. 1"=50' — VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

PLAN — SURVEYED, PLOTTED, GRADES CHECKED, ALIGNMENT CHECKED, ST. OF WAY CHECKED, STRUCTURE NOTATNS CHKD. — NOTE BOOK — NO. — BY — DATE

HENDRICKS STREET

SLACK DRIVE

STONER DRIVE

See Sht #52

See Sht #53

See Sht #54

See Sht #57

MH 289

MH 290

MH 291

MH 293

MH 294

MH 295

MH 296

MH 298

App Rt

153+50.00 HENDRICKS ST.
121+00.00 SLACK DR.

NOTE: Location and Depth of Existing 24" Storm Sewer To Be Verified Before Construction.

157+65.35 HENDRICKS ST.

162+65.35 HENDRICKS ST.
121+01.00 STONER DR.

Top MH 289
1207.88 15" Ct.
SLACK Dr.

MH 290
1210.14" Ct.

MH 291
1283.14" Ct.

El. 885.04"N"
El. 884.94"E"
El. 884.94"W"

El. 886.68"N"
El. 886.68"S"

El. 888.53"S"
El. 888.63"W"
El. 888.83"E"

438'-8" @ 0.37%

443'-8" @ 0.42%

900 890 880

153 154 155 156 157 158 159 160 161 162 163

SHERMAN STREET

SLACK DRIVE

STONER DRIVE

See Sht #52

See Sht #53

See Sht #54

See Sht #57

MH 293

MH 294

MH 295

MH 296

MH 298

App Rt

15" Storm Removed

NOTE: Location and Depth of Existing 24" Storm Sewer To Be Verified Before Construction.

153+50.00 SHERMAN ST.
124+92.00 SLACK DR.

157+65.55 SHERMAN ST.

162+65.55 SHERMAN ST.
124+92.00 STONER DR.

Top MH 296
1241.77 15" Ct.
SLACK Dr.

MH 294
1230.15" Ct.

MH 298
1001.15" Ct.

El. 885.66"N"
El. 885.81 E"
El. 885.41 "W"

El. 890.02"S.E.N."

El. 891.73"S"

365'-8" @ 1.19 %

365'-8" @ 0.16 %

900 890 880

153 154 155 156 157 158 159 160 161 162 163

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

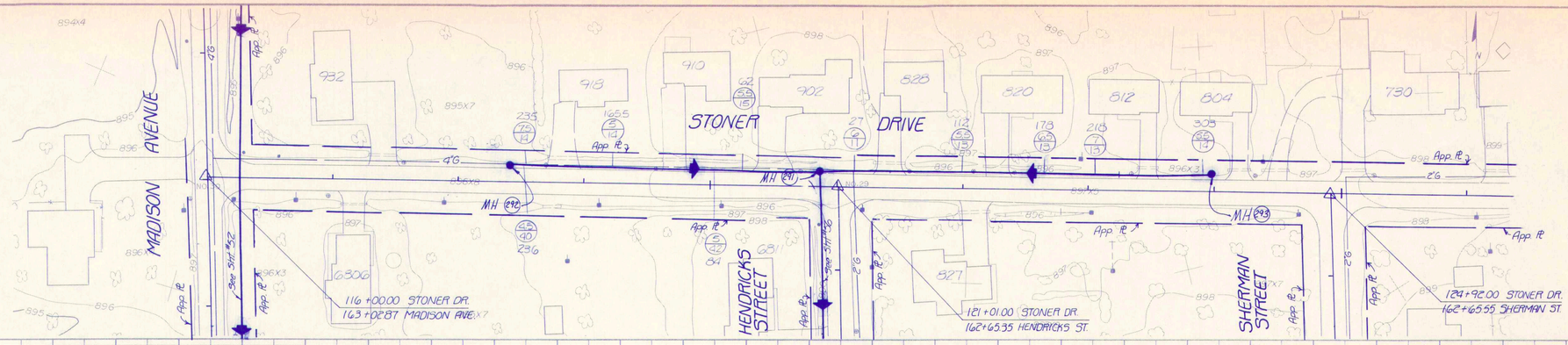
RECORD DRAWING

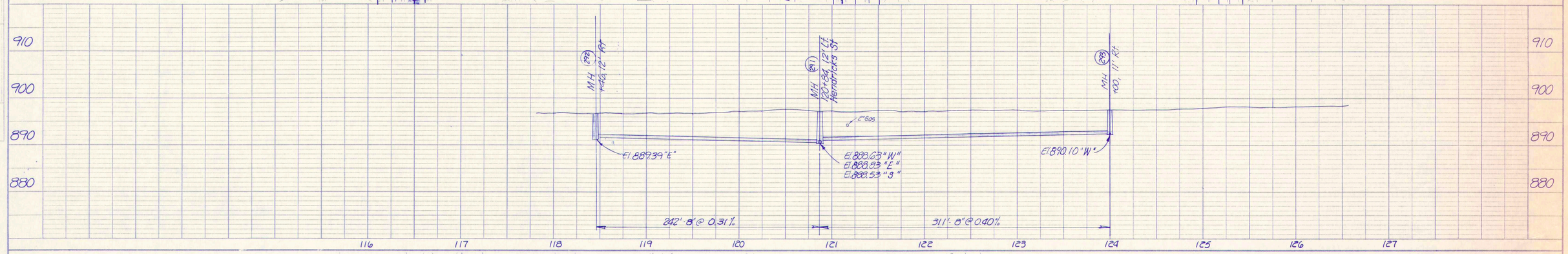
HENDRICKS ST./ SHERMAN ST.
FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 56

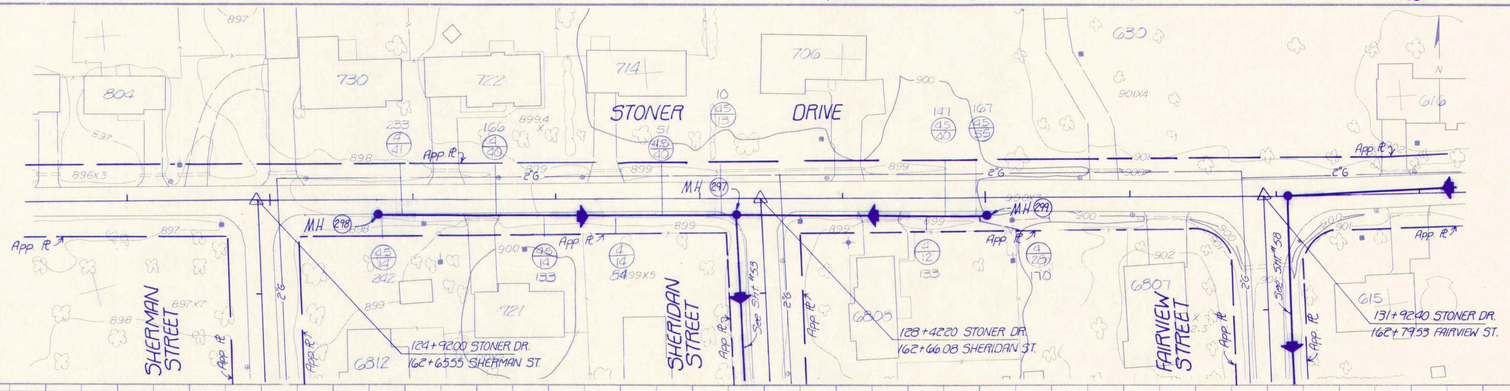
PLAN
SURVEYED
DRAWN
NOTE BOOK
NO.
ALIGNMENT CHECKED
PT. OF WAY CHECKED

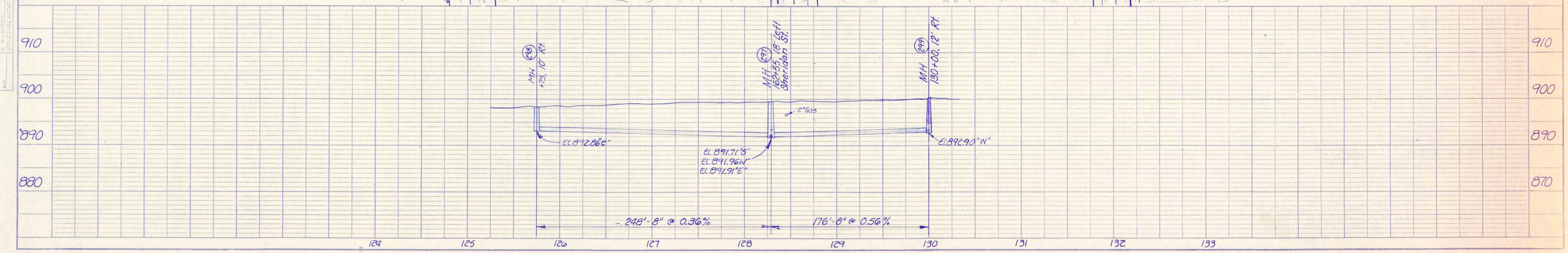
PROFILE
CURVES
GRADES CHECKED
S. N. NOTED
NOTE BOOK
NO.
ELEVATIONS CHECKED

DATE
BY









RECORD DRAWING

ERIC RESKE REGISTERED No. 13442 PROFESSIONAL ENGINEER

STONER DRIVE		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET 57
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	
VERT. 1"=10'		

229

131+92.40 STONER DR.
162+79.53 FAIRVIEW ST.

STONER DRIVE

FAIRVIEW STREET

App Pk

See Below Right

MH 302

8" Conc. Storm

18" Conc. Storm

Contractor To Verify Depth & Location of Ex. Storm Sewer Prior To Construction. Ex. Storm MH Inlet To Remain.

MH 303

MH 304

MH 315

MH 314

8" Conc.

See Sht #54

134+35.62 STONER DR.

135+67.50 STONER DR.

140+67.50 STONER DR.

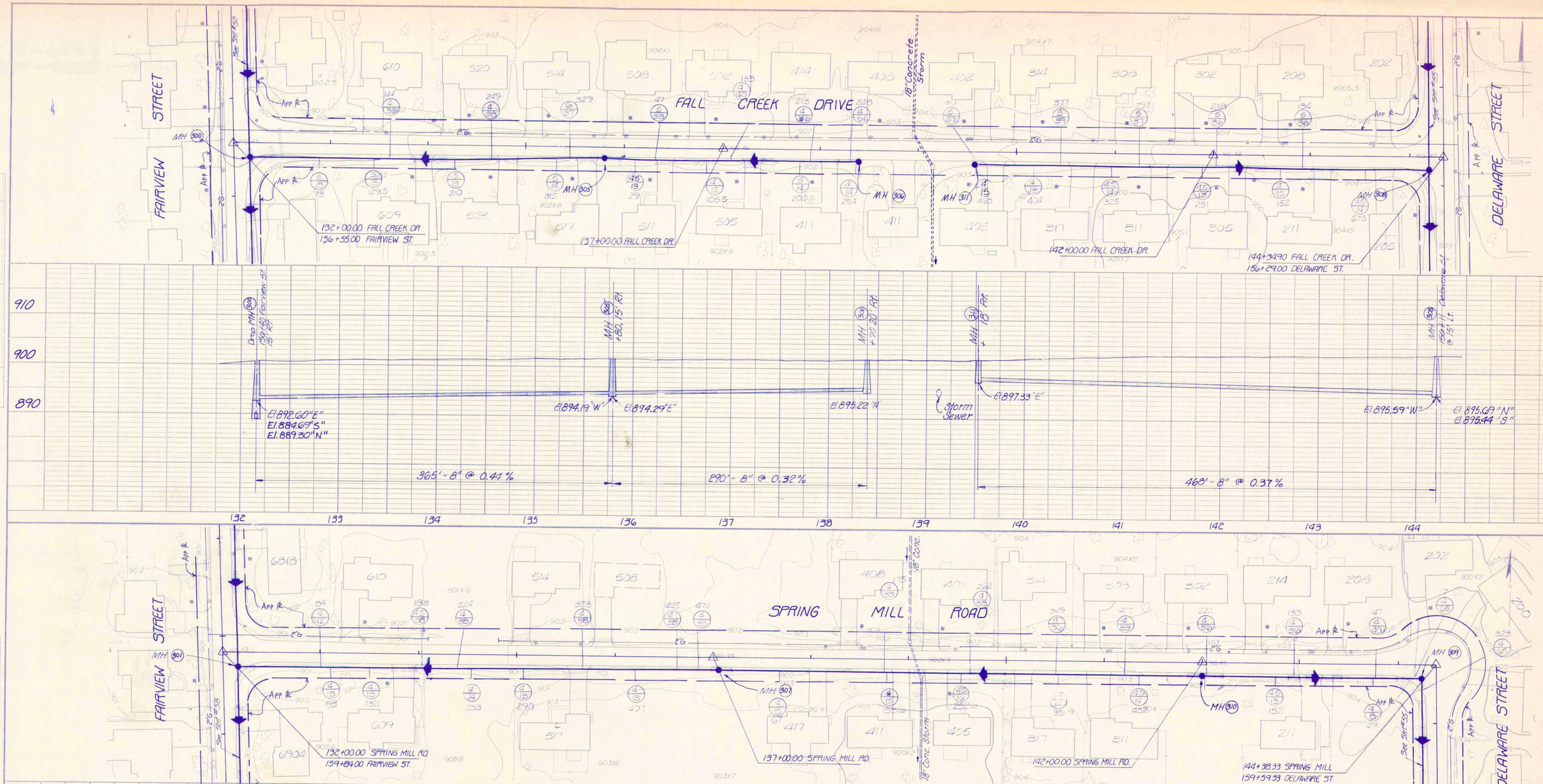
143+50.07 STONER DR.

145+13.21 STONER DR.

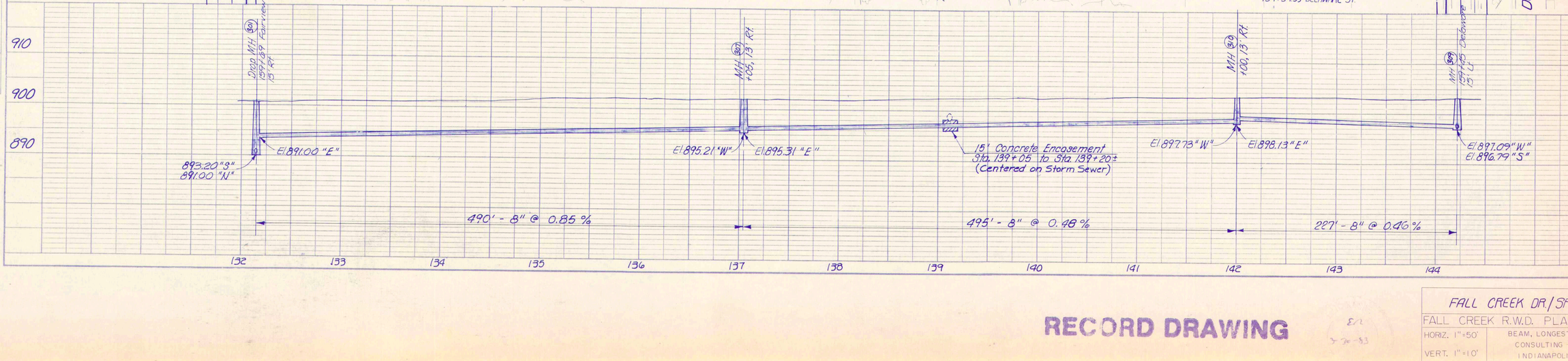
| | | |

PLAN
STAKED
PLOTTED
ALIGNMENT CHECKED
PT. OF VAY CHECKED
NOTE BOOK
NO.

DATE
BY



PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
DATE
BY
ALIGNMENT CHECKED
PT. OF VAY CHECKED
ELEVATIONS STATIONS CHKD.



RECORD DRAWING

E/2
3-30-83

FALL CREEK DR./SPRING MILL RD.

FALL CREEK R.W.D. PLAN & PROFILE		SHEET 59
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC.	
VERT. 1"=10'	CONSULTING ENGINEERS	
	INDIANAPOLIS, INDIANA	

PLAN
SURVEYED
PLOTTED
GRADES CHECKED
R/W & UTILITIES CHECKED
ST. GRADES CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R/W & UTILITIES CHECKED
NOTE BOOK
NO.

MADISON AVENUE

HENDRICKS STREET

IMY LANE

LINCOLN STREET

MH 262

MH 277

MH 278

MH 279

MH 280

MH 281

116+00.00 IMY LANE
195+11.62 MADISON AVE

119+58.00 IMY LANE
195+00.00 HENDRICKS ST.

124+58.00 IMY LANE

Match Line See Below

Match Line See Above Rt.

129+58.00 IMY LANE

134+58.00 IMY LANE

140+25.33 IMY LANE
145+00.00 LINCOLN ST.

Drop MH 262
141+93.25' Rt.

3-24" Conc. Culverts

MH 277
+46.20 Rt.

MH 278
+7.79 Lt.

MH 279
+33 1/3 Rt.

MH 279
+64.77 Rt.

MH 280
+34.77 Lt.

MH 281
+12.75' Lt.

El. 881.41 "N"
El. 881.31 "S"

El. 881.41 "E"

El. 885.75 "W"

El. 886.05 "E"
El. 885.60 "N"

El. 886.72 "W"
El. 886.07 "E"

El. 886.92 "N"
El. 886.92 "E"

El. 889.72 "W"

El. 889.62 "E"

El. 891.53 "W"

El. 891.53 "E"

El. 894.69 "N"
El. 894.49 "W"

323'-8" @ 1.34 %

249'-8" @ 0.34 %

332'-8" @ 0.25 %

423'-8" @ 0.33 %

See Above Right

574'-8" @ 0.33 %

477'-8" @ 0.62 %

910
900
890
880
870

116 117 118 119 120 121 122 123 124 125 126 127 128

128 129 130 131 132 133 134 135 136 137 138 139 140 141

RECORD DRAWING

IMY LANE
FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 60

232

PLAN
NOTE BOOK
NO.

PROFILE
NOTE BOOK
NO.

145+00.00 HENDRICKS ST. 7129
119+58.00 IMY LANE
HENDRICKS STREET
IMY LANE
MH 277
MH 277A
MH 283
See Sht #60
See Sht #57
App ℄
2'6
28'
7130
7120
7121
916
894XB
Note: MH # 277A Was Added to Avoid Direct Conflict w/ Storm Sewer MH
149+45.70 HENDRICKS ST.
119+60.00 ERNIE-LU AVE.
ERNIE-LU AVENUE

904
816
810
804
724
716
705
652
ERNIE-LU AVENUE
HENDRICKS STREET
MH 283
MH 284
Match Line Sta 127+50 See Below
Appr ℄
See Sht #57
531
119+60.00 ERNIE-LU AVE
149+45.70 HENDRICKS ST.
124+60.00 ERNIE-LU AVE.
823
811
505
733
717
713
709

910
900
890
880
MH 277 119+58 @ 20' Rt. (Imy Lane)
MH 283 147 TCP
885.75 "W"
886.05 "E"
885.60 "N"
El. 886.06 "N"
El. 885.96 "S"
El. 887.42 "S"
El. 887.42 "E"
54'-8" @ 0.67 %
411'-8" @ 0.33 %
MH 283 149+55
El. 887.42 "E"
El. 887.42 "S"
539'-8" @ 0.45 %
MH 284 ±91 @ 12' Lt.
El. 889.86 "W"
El. 889.81 "E"
529'-8" @ 0.55 %
Match Line Sta 127+50 See Below
145 146 147 148 149 150 119 120 121 122 123 124 125 126 127

652 624 616 608 532 524 516 503 432 421 420 405 504 513 702A 709 633 625 617 609 522 525 517 509 433 425 417 119 712A 704A
ERNIE-LU AVENUE
LINCOLN STREET
MH 285
MH 286
MH 287
Match Line Sta 127+50 See Above
129+60.00 ERNIE-LU AVE
134+60.00 ERNIE-LU AVE
140+32.65 ERNIE-LU AVE.
149+47.97 LINCOLN ST.
2'6
26'

900
890
880
Match Line 127+50 See Above
MH 285 +10 @ 12' Lt.
MH 286 +27 @ 9' Lt.
MH 287 +60 @ ℄
El. 892.72 "W"
El. 892.82 "E"
El. 893.60 "W"
El. 893.76 "E"
El. 895.93 "W"
See Above Right
514'-8" @ 0.15 %
536'-8" @ 0.40 %
128 129 130 131 132 133 134 135 136 137 138 139 140 141

RECORD DRAWING

HENDRICKS ST./ERNIE-LU AVE.

FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	61
VERT. 1"=10'		

PLAN
SURVEY DATE
STAKE DATE
NOTE BOOK
GRADE CHECKED BY
NO. BENCH MARK
NO. BY
NO. DESCRIPTION DATE

PROFILE
SURVEY DATE
STAKE DATE
NOTE BOOK
GRADE CHECKED BY
NO. BENCH MARK
NO. BY
NO. DESCRIPTION DATE

ESTATE STREET
WHITEHALL WAY
75th ST.
MAIN STREET
NORRIS STREET
RECORDS DR.

129+71.32 MAIN ST.
158+00.00 ESTATE ST.
136+30.10 MAIN ST.
158+00.00 WHITEHALL WAY
141+04.05 MAIN ST.
128+25.70 MAIN ST.
158+00.00 75th ST.
131+04.05 MAIN ST.
137+80.18 MAIN ST.
144+69.65 MAIN ST.
158+00.00 NORRIS ST.
146+51.68 MAIN ST.
151+04.05 MAIN ST.
155+69.65 Main St.
158+00.00 RECORDS DR.

MH 323 · MH 322 · MH 321 · MH 320 · MH 39 · MH 38 · MH 317 · MH 316 · MH 278

Temp. Easement for Constr. · Perm. Easement · Perm. Esmt · Temp Esmt for Constr. · Temp Esmt for Constr. 7044 · Perm R/W 45' · Perm R/W 55' · Lift Station · Temp. Esmt for Constr. · Perm R/W for lift station · Buried Phone Lines(2) · To Be Buried 2½' Provide Floodproof Casting · Perm. Esmt. · Temp Esmt for Constr. · To be Buried 2½' Provide Floodproof Casting

Match line 142+50 See This Sht. Lower Left
Match Line 142+50 See Top Right
Match Line Sta. 142+00 See Top Right

Drop MH 323 +42
MH 322 +95
+46 West MH 321 +46.40 Rim East MH 320
Drop MH 39 +42.40 Rim
MH 38 +41.40 Rim
Lift Station +66.40 Rim +74.40 Rim
MH 317 +82.40 Rim
MH 316 +30.40 Rim
MH 278 +43.40 Rim

40'-10" @ 0.30% ROAD CROSSING

El. 889.28 "S"
El. 889.18 "N"
El. 896.23 "E"
El. 888.75 "S"
El. 888.65 "N"
El. 889.34 "W"
El. 888.47 "S" West Manhole
El. 888.37 "E" West Manhole
El. 888.25 "W" East Manhole
El. 888.15 "N" East Manhole
El. 891.15 "W"
El. 886.22 "S"
El. 886.14 "N"
El. 884.35 "S"
El. 884.32 "N"

See Sht. # 63 Lower Right
144'-10" @ 0.30%
566'-10" @ 0.30%
435'-10" @ 0.30%
435'-10" @ 0.30%

El. 883.69 "E"
El. 883.65 "S"
El. 883.55 "N"
El. 888.00 "S"
El. 888.87 "N"
El. 885.845"
El. 885.84 "N"
El. 887.82 "N"
El. 887.87 "S"

See This Sht. Top Right
183'-10" @ 0.30%
455'-8" @ 0.42%
895'-8" Force Main Minimum 4' Cover
455'-8" @ 0.44%
See Sht. # 70 Top Left

4' Min. Bury
8" Force Main (200 p.s.i.)

Valve Pit
For Detailed Site Plan see Sht. # 77

910 · 900 · 890 · 880

128 129 130 131 132 133 134 135 136 137 138 139 140 141 142
142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157

RECORD DRAWING

CLIO RESKE NO. 13442 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

MAIN STREET
FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 62

PLAN

PROFILE

DATE	BY	REVISIONS

NOTE BOOK | CONTRACT OR PROJECT CHECKED | RE. OR W.M. CHECKED | NO. REVISIONS ENTERED

8113 | 8111 | 8009 | 8005 | 8003 | 7939 | 7933 | 7929 | 7919 | 7903

MAIN STREET

Perm. Esmt. | Temp. Esmt. for Constr. | Temp. Esmt. for Constr.

MH 352 | MH 351 | MH 350 | MH 353

* NOTE: TEES ARE TURNED ON SIDE W/ NO EXTENSION FROM 79 MAIN TO THE SOUTH SEWER IS RIGHT ON ESMT. LINE

99+58.80 MAIN ST. | 104+58.80 MAIN ST. | 109+58.80 MAIN ST.

MATCHLINE 114+00.00 See this Sht. for Lower Left

EDGE OF CULT. | App. ℄

920 / 910 / 900 / 890

MH 352 +50.22 Lt. — El. 902.30 "N"

MH 351 +90.22 Lt. — El. 899.76 "S" — El. 899.62 "N"

MH 350 +90.76 Lt. — El. 897.82 "S" — El. 897.71 "N"

440'-8" @ 0.45% | 440'-8" @ 0.45% | 440'-8" @ 0.45%

99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114

Match Line 114+00 See Lower Left

7903 | 7811 | 7803 | 7711 | 7703 | 7625 | 7617 | 7609 | 7525 | 7431

MAIN STREET

Temp Esmt. for Constr. | Perm Esmt. | Temp Esmt. for Constr. | Temp. Esmt. for Constr.

MH 352 | MH 351 | MH 350 | MH 349

Match Line 114+00 See This Sht. for Right

114+58.80 MAIN ST. | 119+58.80 MAIN ST. | 124+58.80 MAIN ST. 158+00.00 C.R. 500S | 126+04.05 MAIN ST. | 126+65.70 MAIN ST. 158+00.00 75TH ST.

Co. Rd. 500S. | 75TH ST.

See Sht. # 64 | See Sht. # 65 | See Sht. # 66

910 / 900 / 890 / 880

MH 352 +70.22 Lt. — El. 895.88 "S" — El. 895.79 "N"

MH 351 +70.22 Lt. — El. 894.25 "S" — El. 894.15 "N"

MH 350 +51.16 Lt. — El. 890.51 "S" — El. 890.68 "E" — El. 890.69 "N" — El. 890.46 "N"

MH 349 +42 ℄ — El. 889.28 "S" — El. 889.18 "N" — El. 895.23 "E"

See Above Right | 440'-8" @ 0.42% | 441'-8" @ 0.79% | 392'-10" @ 0.30% | See Sht. # 66

114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129

RECORD DRAWING

ERIC RESKE — REGISTERED — No. 13442 — STATE OF INDIANA — PROFESSIONAL ENGINEER

MAIN STREET

FALL CREEK R.W.D. PLAN & PROFILE — SHEET 63

HORIZ. 1"=50' | VERT. 1"=10'

BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA

PLAN
DATE
NOTED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
RT.-OF-WAY CHECKED
UTILITIES LOCATED

PROFILE
DATE
NOTED
PLOTTED
GRADES CHECKED
UTILITIES LOCATED
NOTE BOOK
NO.

158+00.00 COUNTY ROAD 500 S.
124+58.80 MAIN STREET
163+00.00 COUNTY ROAD 500 S.
164+61.65 COUNTY ROAD 500 S.
125+00.00 FLETCHER STREET
166+27.08 COUNTY ROAD 500 S.
125+00.00 FLETCHER STREET
170+92.08 COUNTY ROAD 500 S.
173+15.83 COUNTY ROAD 500 S.
171+62.83 COUNTY ROAD 500 S.
MAIN STREET
FLETCHER STREET
COUNTY ROAD 500 SOUTH
M.H. 324
M.H. 325
M.H. 326
M.H. 327
M.H. 328
See Sht. #69
See Sht. #63
See Sht. #76
See Sht. #65
App. ft.
Temp. Easement for Const.
Perm. Easement
Ex. Below Rt.
Gas
Sewer
Storm

M.H. 324 124+51 @ 16' LEFT MAIN STREET
M.H. 325 161+90 @ 8' RIGHT
M.H. 326 @ 147' Rt.
M.H. 327 171+08 @ 16' RIGHT
El. 890.69 WEST
El. 890.46 "N"
El. 890.68 EAST
El. 890.51 "S"
El. 892.31 "W"
El. 892.32 "E"
El. 893.95 WEST
El. 895.45 EAST
El. 894.10 SOUTH
El. 897.30 WEST
El. 897.30 NORTH
405'± 8" SEWER @ 0.40%
444'± 8" SEWER @ 0.37%
474'± 8" SEWER @ 0.40%
4" Gas

910
900
890
880
870
158 159 160 161 162 163 164 165 166 167 168 169 170 171 172

16+11.15 77TH STREET
166+00.00 77TH STREET
120+64.15 FLETCHER STREET
170+89.25 77TH STREET
120+64.15 FLETCHER STREET
166+00.00 77TH STREET
125+00.00 FLETCHER STREET
166+27.08 COUNTY ROAD 500 S.
77TH STREET
FLETCHER STREET
COUNTY ROAD 500 SOUTH
18" County Drain
Location Unidentified
18" VCP Sewer
12" Existing Storm
M.H. 355
M.H. 356
M.H. 357
M.H. 326
See Above
See Left
See Right

M.H. 355 +90 @ 17' RT.
M.H. 355 +20 @ 17' RT.
M.H. 357 +15 @ 16' RT.
M.H. 353 166+20 @ 17' RT. 77TH STREET
M.H. 326 166+34 @ 14' RT. COUNTY ROAD 500 S.
EXISTING 18" COUNTY DRAIN
El. 897.86 "E"
El. 896.25 WEST
El. 896.25 EAST
El. 896.15 NORTH
El. 898.24 WEST
El. 896.30 WEST
El. 896.30 EAST
El. 896.10 NORTH
El. 895.45 EAST
El. 894.10 SOUTH
El. 893.95 WEST
430'± 8" SEWER @ 0.42%
395'± 8" SEWER @ 0.50%
439'± 8" SEWER @ 0.40%

910
900
890
880
870
161 162 163 164 165 166 167 168 169 170 171 120 121 122 123 124 125

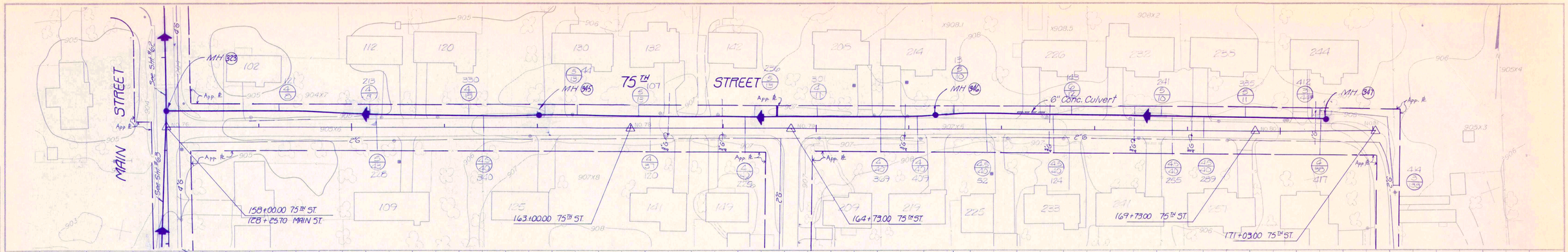
RECORD DRAWING

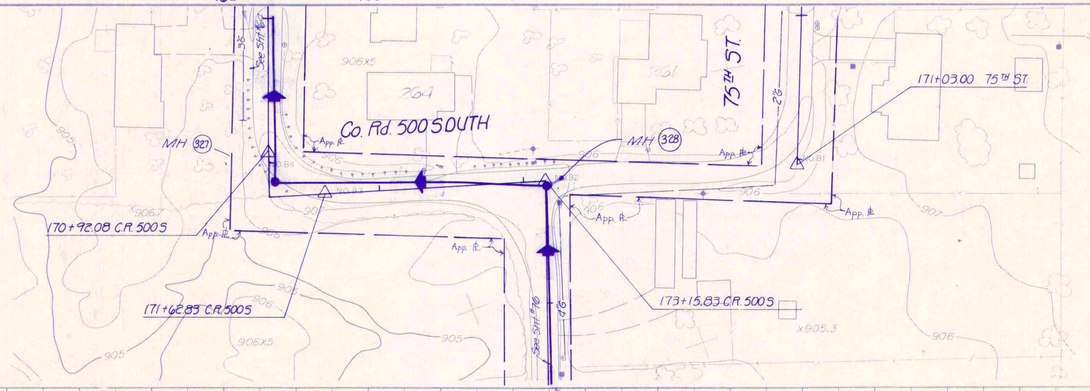
ERIC RESKE REGISTERED 10000 STATE OF INDIANA PROFESSIONAL ENGINEER

COUNTY ROAD 500 S. / FLETCHER ST. 77TH ST.
FALL CREEK R.W.D. PLAN & PROFILE SHEET 64
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

PLAN — STRUCTURE / PLOTTED / NOTE BOOK / NO. — DATE / BY / CHECKED / SHEET NO. OF ALL SHEETS

PROFILE — STRUCTURE / PLOTTED / NOTE BOOK / NO. — DATE / BY / CHECKED / SHEET NO. OF ALL SHEETS





RECORD DRAWING

3-30-83

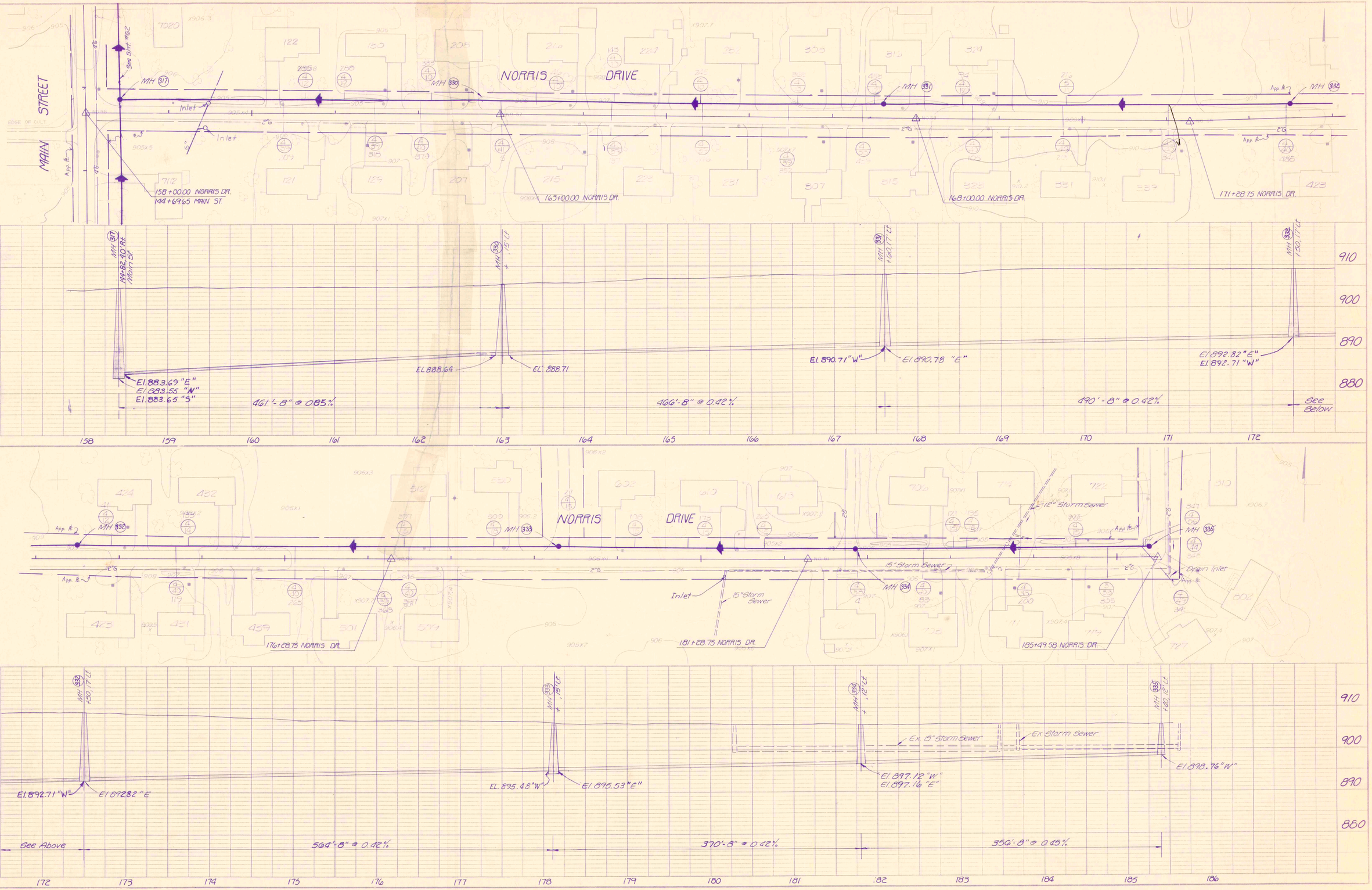
75TH ST. / Co. Rd. 500 SOUTH		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET 65
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	
VERT. 1"=10'		

PLAN

PROFILE

SURVEYED
DRAWN
TRACED
CHECKED
NOTE BOOK
P. M.'S NOTED
NO.

DATE
BY
ADJUSTMENT ORDERED
PT. OF WAY CHGED.



RECORD DRAWING

NORRIS DRIVE
FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 66

ORLEANS AVENUE

COLONIAL COURT

PLANTATION DRIVE

MH 342

MH 343

146+44.78 ORLEANS AVE.
133+00.00 COLONIAL CT.

149+60.00 ORLEANS AVE.

154+60.00 ORLEANS AVE.
133+00.08 PLANTATION DR.

Curbline to be Replaced. Manhole Frame, Cover to be Outside of New Road & Curb Line

See Sht #68

MH 343
108.77 A.H.

MH 342
132.83 Plantation Dr. 8" C.I.

12" Storm Sewer

El. 895.79 "E"

El. 893.41 "N"
El. 893.37 "S"

541'-8" @ 0.45%

146 147 148 149 150 151 152 153 154 155

910 900 890

WHITEHALL WAY

MAIN STREET

COLONIAL COURT

PLANTATION DRIVE

MH 339

MH 338

MH 336

MH 319

See Sht #62

See Sht #68

196+44.16 WHITEHALL WAY
136+32.00 COLONIAL CT.

199+58.98 WHITEHALL WAY

154+58.98 WHITEHALL WAY
136+30.20 PLANTATION DR.

158+00.00 WHITEHALL WAY
136+30.10 MAIN ST.

MH 339
130.74 Colonial Ct. 18" C.I.

MH 338
128.18 A.H.

Drop MH 336
138.18 A.H.

Drop MH 319
130.12 40' 24" Horiz. St.

Ex. Storm Sewer

8" C.G.P.S.

El. 896.06 "E"
El. 890.57 "S"

El. 895.28 "W"

El. 895.21 "E"

El. 893.30 "W"
El. 893.20 "E"
El. 891.20 "S"

El. 891.15 "W"

El. 886.22 "S"
El. 886.14 "N"

391'-8" @ 0.42%

428'-8" @ 0.42%

402'-8" @ 0.42%

146 147 148 149 150 151 152 153 154 155 156 157 158

910 900 890 880

PLAN — DATE, BY, REVISIONS, PLOTTED, CHECKED, ELEVATIONS ADJUSTED TO U.S.G.S. DATUM, NOTE BOOK, NO.

PROFILE — DATE, BY, REVISIONS, PLOTTED, CHECKED, ELEVATIONS ADJUSTED TO U.S.G.S. DATUM, NOTE BOOK, NO.

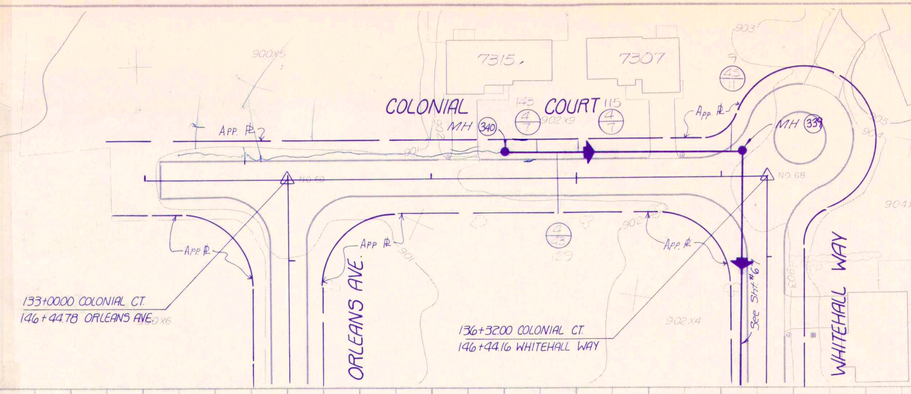
RECORD DRAWING

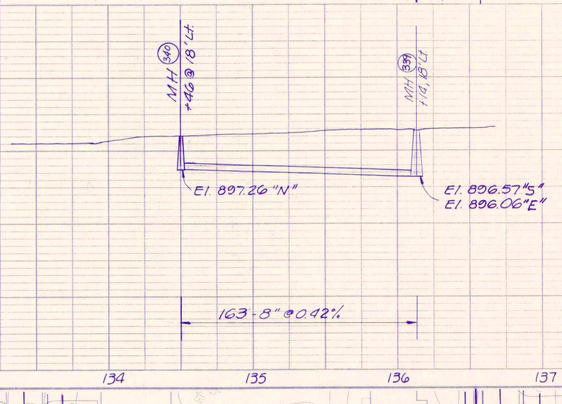
ORLEANS AVE/WHITEHALL WAY

FALL CREEK R.W.D. PLAN & PROFILE — SHEET 67

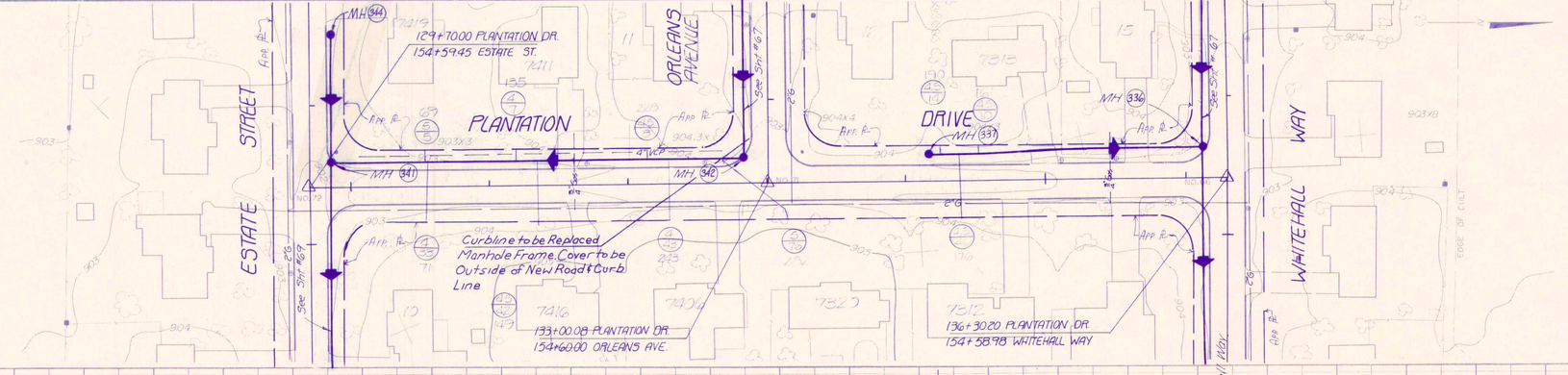
HORIZ. 1"=50'
VERT. 1"=10'

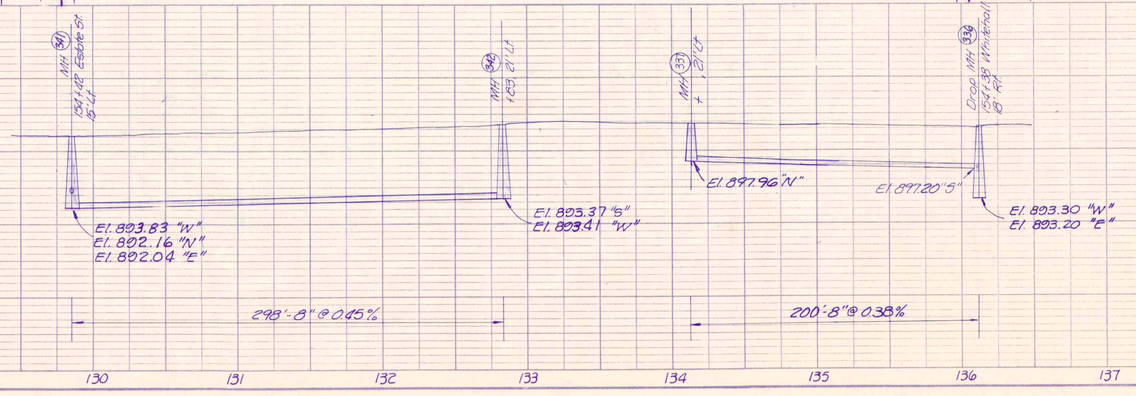
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA





132 133 134 135 136 137





129 130 131 132 133 134 135 136 137

PLAN — SURVEYED, PLOTTED, GRADES CHECKED, AS BUILT, CHECKED, NOTE BOOK, NO., DATE, BY

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, AS BUILT, STRUCTURE NO'S (HEIGHTS), NOTE BOOK, NO., DATE, BY

RECORD DRAWING

COLONIAL CT/ PLANTATION DR.

FALL CREEK R.W.D. PLAN & PROFILE — SHEET 68

HORIZ. 1"=50'

VERT. 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

PLAN
SURVEYED
DRAWN
NOTE BOOK
NO.
ALIGNMENT CHECKED
RT. OF W'AY CHECKED

460 461 462 463 464 465 466 467 468 469 471 472

COUNTY ROAD 500 SOUTH

MAIN STREET

421 551 2875 126 545 422.5 28 129 41 226 App ft

MH (350) MH (349) MH (348)

198+00.00 C.R. 500S.

153+00.00 C.R. 500S.

158+00.00 C.R. 500S.
124+58.80 MAIN ST.

126+04.05 MAIN ST.

See Sht. #63

See Sht. #64

Temp. Easmt for Constr.

910 900 890 880

MH (350) +50, 5 FH. El. 896.60 "E"

MH (349) +75, 5 FH. El. 894.81 "W" El. 894.74 "E"

MH (348) +00, 5 FH. El. 892.95 "W" El. 892.85 "E"

Drop MH (322) 151, 16 L.F.

El. 890.51 S"
El. 890.68 E"
El. 890.69 W"
El. 890.46 N"

425'-8" @ 0.42%

425'-8" @ 0.42%

484'-8" @ 0.42%

See Sht. #64

144 145 146 147 148 149 150 151 152 153 154 155 156 157 158

7714 901X8 901X9 901X7 901X6 901X5 901X4 901X3 901X2 901X1 899X8 899X7 899X6 899X5 899X4 899.1

MH (344) MH (341) MH (321) MH (320) MH (323)

ESTATE STREET

MAIN STREET

75TH STREET

2-4" VCP

13 11 7 15

152+99.45 ESTATE ST.

154+59.95 ESTATE ST.
130+00.00 PLANTATION RD.

158+00.00 ESTATE ST.
129+71.32 MAIN ST.

128+25.70 MAIN ST.
158+00.00 75TH ST.

See Sht. #62

See Sht. #65

910 900 890 880

MH (344) 152, 5 LF. El. 894.73 "E"

MH (341) 142, 15 LF. El. 893.83 "W" El. 892.04 "E" El. 892.16 "N"

MH (323) 129+86.6 Main Street El. 889.34 "W" El. 888.65 "N" El. 888.75 "S"

92'-8" @ 1.00%

358'-8"

153 154 155 156 157 158

PROFILE
SURVEYED
DRAWN
NOTE BOOK
NO.
GRADES CHECKED
B. M. NOTED
ESTIMATE COMPUTED/CHECKED

DATE BY

RECORD DRAWING

Co. Rd. 500 S / ESTATE ST.

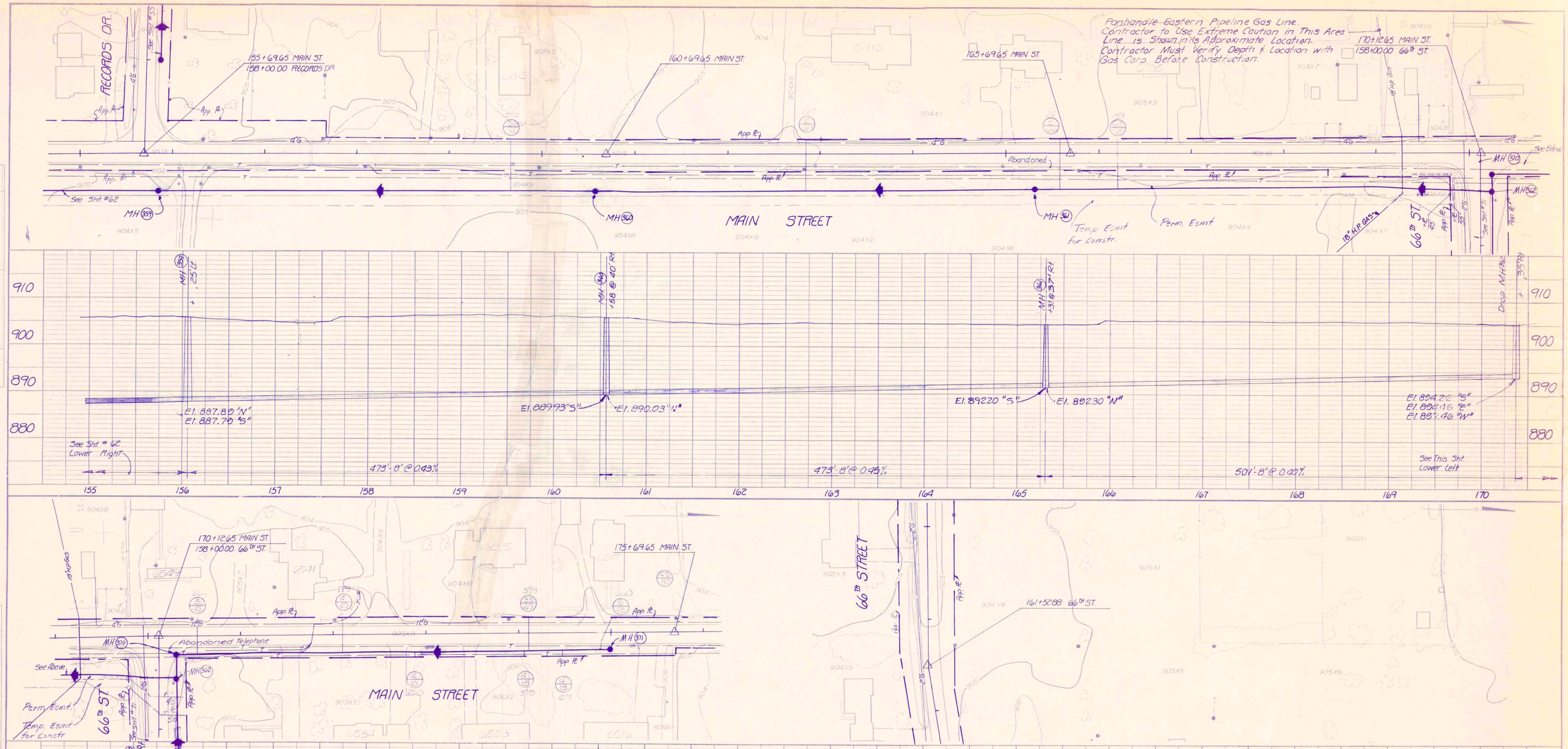
FALL CREEK R.W.D. PLAN & PROFILE SHEET 69

HORIZ. 1"=50'
VERT. 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

PLAN — SURVEYED / PLOTTED / NOTE BOOK / NO. — DATE / BY / ALIGNMENT CHECKED / PROFILE CHECKED / BM'S PLOTTED / STRUCTURE NOTATIONS CHKD / ALL OF W.H. CHECKED

PROFILE — SURVEYED / PLOTTED / NOTE BOOK / NO. — DATE / BY / ALIGNMENT CHECKED / PROFILE CHECKED / BM'S PLOTTED / STRUCTURE NOTATIONS CHKD



RECORD DRAWING

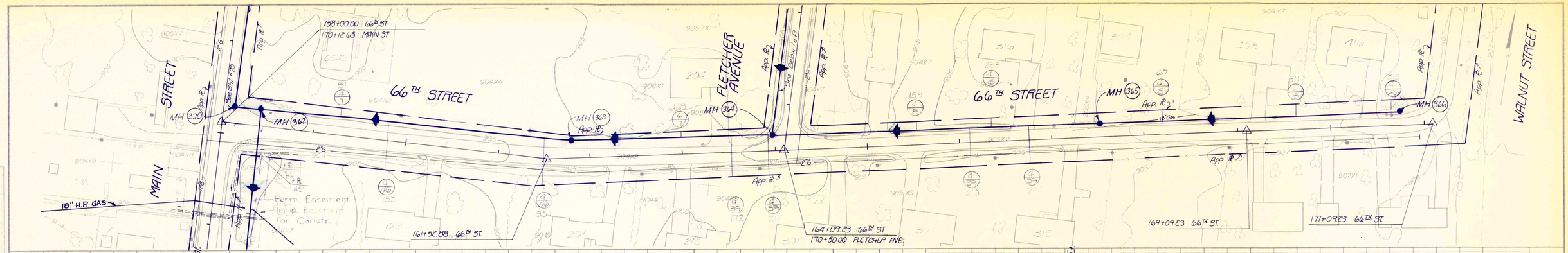
3-30-83

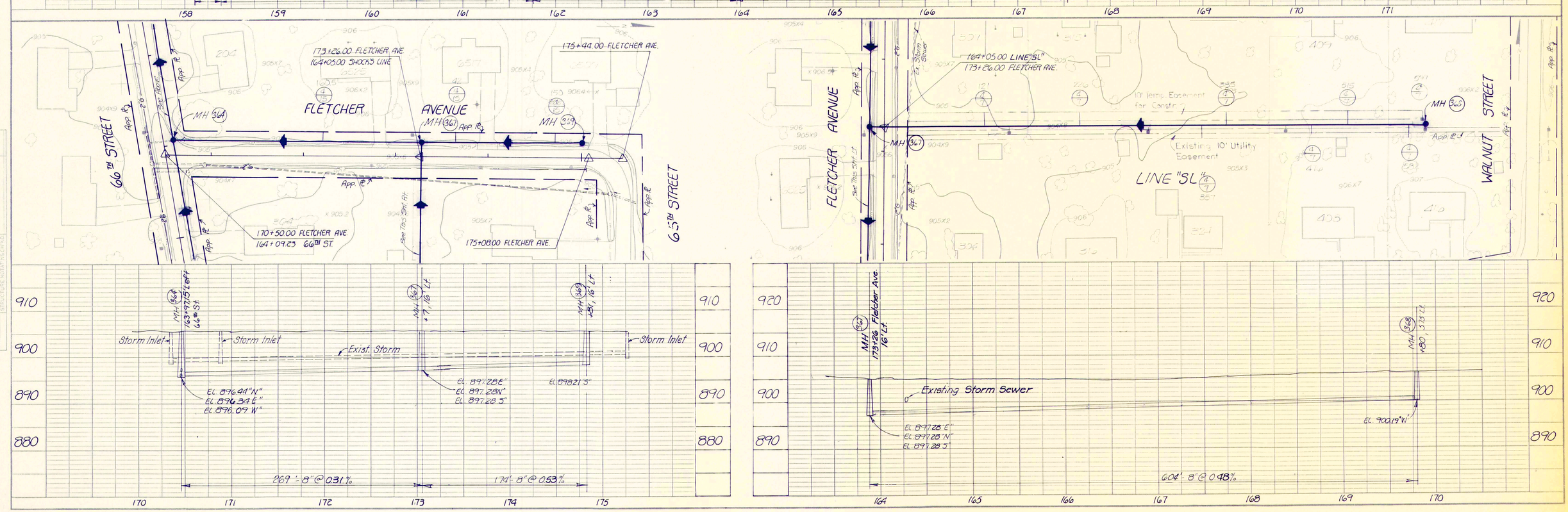
MAIN STREET	
FALL CREEK R.W.D. PLAN & PROFILE	SHEET 70
HORIZ. 1"=50' / VERT. 1"=10'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA

PLAN

SURVEYED
DRAWN
TRACED
CHECKED
QUANTITY CHECKED
NOTE BOOK
NO.

DATE
BY
ADDITIONS & CORRECTIONS AS BUILT
RIGHT OF WAY CHECKED





PROFILE

SURVEYED
DRAWN
TRACED
CHECKED
QUANTITY CHECKED
NOTE BOOK
NO.

DATE
BY
ADDITIONS & CORRECTIONS AS BUILT
RIGHT OF WAY CHECKED

66TH ST./ FLETCHER AVE./ LINE "SL"

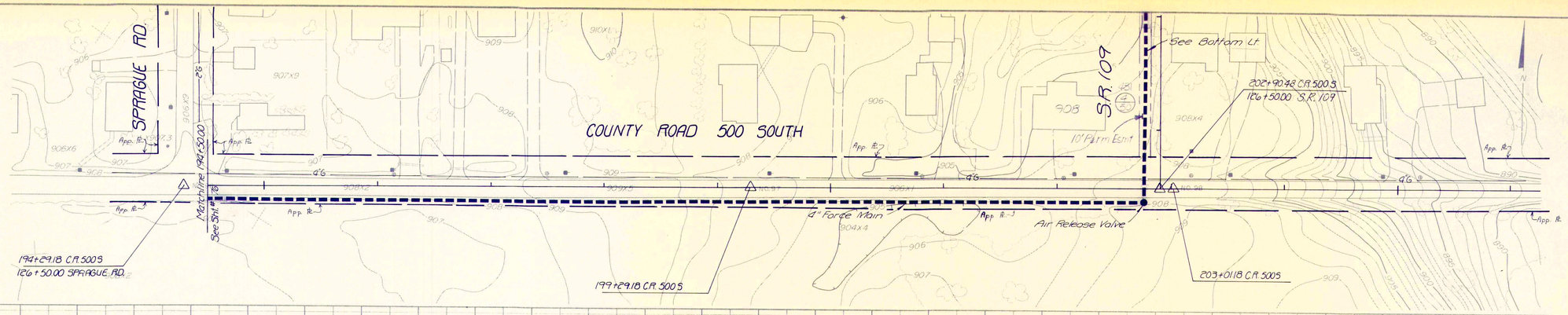
FALL CREEK R.W.D. PLAN & PROFILE

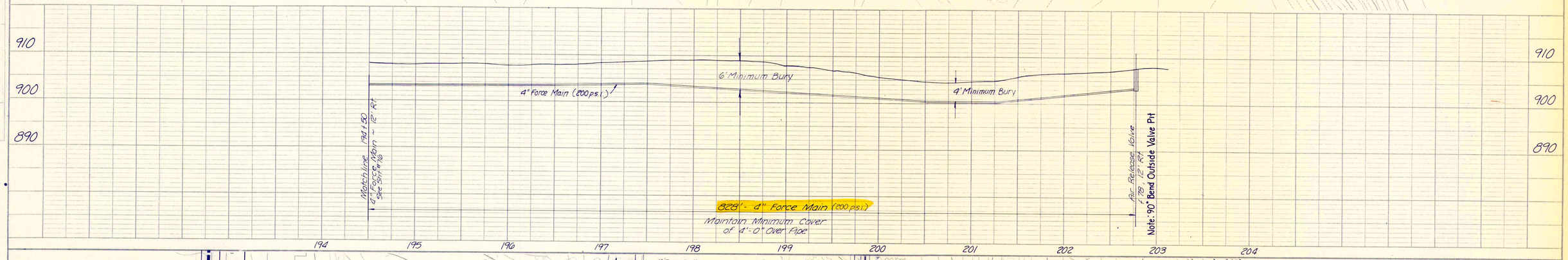
HORIZ. 1"=50'
VERT. 1"=10'

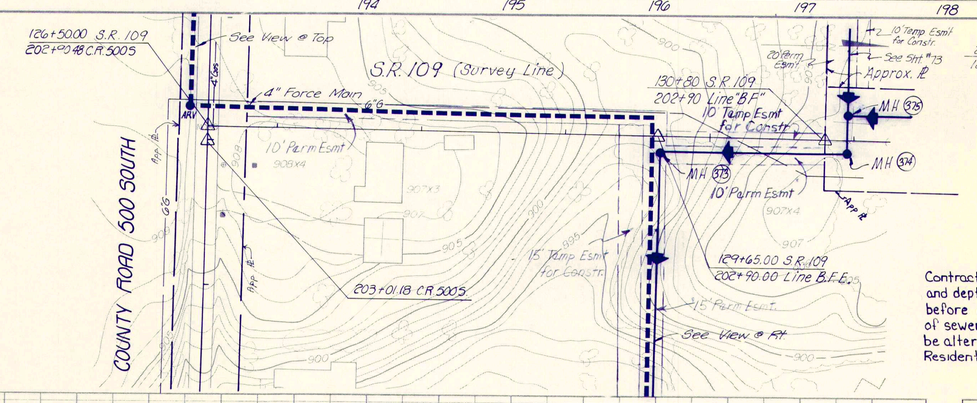
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

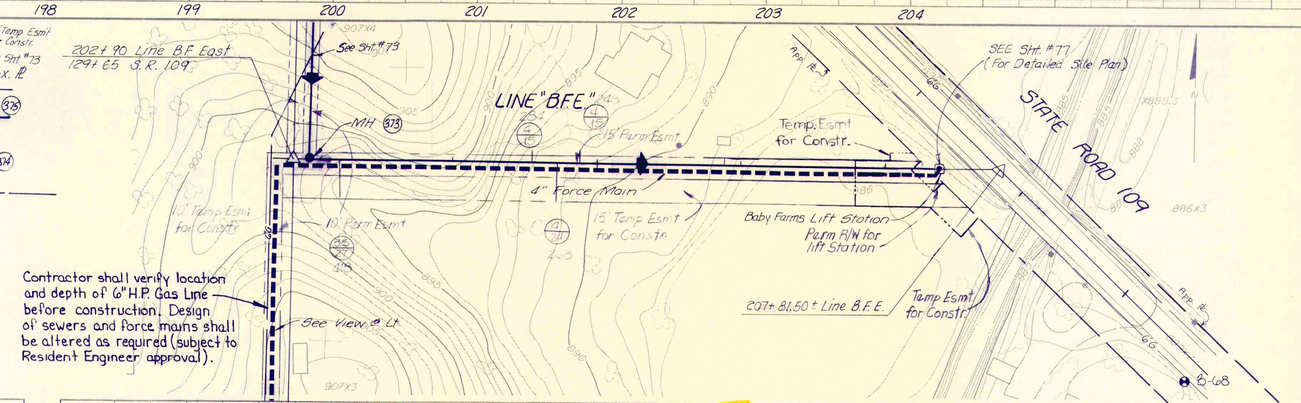
SHEET 71

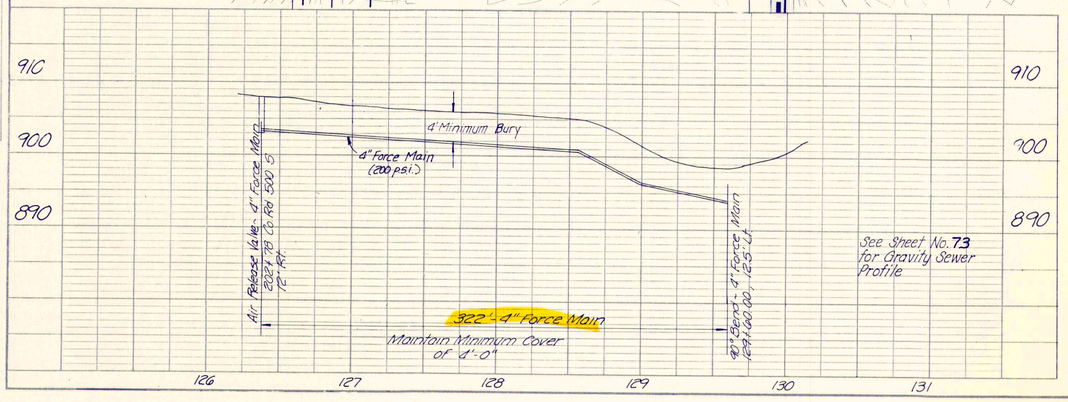
PHOTOGRAPHIC COPY BY MICROFILM SERVICE, INC.

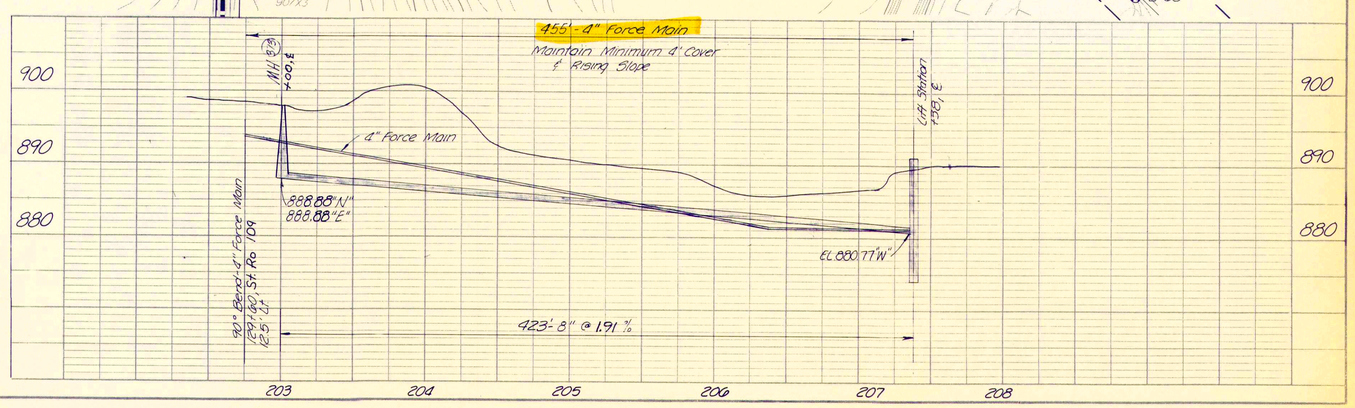












Co. Rd. 500 SOUTH S.R.109 / LINE "B.F.E."		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	72
VERT. 1"=10'		

PLAN
STATE PROJECT
PARCEL
GRADE INSPECTOR
NOTE BOOK
NO.
ENTRANCE AGREEMENT CHECKED
RIGHT OF WAY CHECKED

PROFILE
STATE PROJECT
PARCEL
GRADE INSPECTOR
NOTE BOOK
NO.
ENTRANCE AGREEMENT CHECKED
RIGHT OF WAY CHECKED

DATE
BY

LINE "BF" 10' Temp Esmt for Constr.

SPRAGUE ROAD

App Rt

MH 377

MH 376

MH 375

MH 374

MH 373

MH 372

See Sht #72

See Below

20' Perm. Esmt.

10' Perm Esmt

2' Perm Esmt

15' Temp Esmt for Constr.

10' Temp Esmt for Constr.

194+30.00 LINE "BF"
130+17.35 SPRAGUE RD.

202+90.00 Line "BF"
130+80.00 S.R. 109

202+90.00 Line "BFE"
129+65.00 S.R. 109

132+96.50 S.R. 109

131+21.50 S.R. 109

STATE ROAD 109

66'

Temp. Esmt. for Constr.

Baby Farms Lift Station Perm. R/W for Lift Station

Temp. Esmt. for Constr.

MH 377 194+30.00 Sprague Rd. 2' Lt.

MH 376 15' Lt.

Drop MH 375 15' Lt. 130+95.35 S.R. 109

MH 374 130+95.10 Rt. 130+95.10 S.R. 109

E' Gas

11'

11.5' Alt

14'

10' Alt

16'

El. 894.31 "S"
El. 893.96 "N"
El. 893.76 "E"

El. 892.21 "E"
El. 892.26 "W"

El. 890.01 "W"
El. 889.91 "E"
El. 889.96 "N"

El. 889.76 "W"
El. 889.76 "S"

387'-8" @ 0.3% ±

160'-8" @ 0.47%

25'-8" @ 0.60%
See Sht #72

910
900
890
880

194 195 196 197 198 199 200 201 202 203 204 205

129+65.00 S.R. 109
202+90.00 Line "BFE"

10' Temp Esmt for Constr.

See Above

20' Temp Esmt for Constr.

10' Temp Esmt for Constr.

6" HPG

MH 375

MH 373

MH 374

MH 388

MH 389

MH 390

10' Perm Esmt.

15' Temp Esmt for Constr.

6' Temp Esmt for Constr

See Sht #72

See Sht #75

Contractor shall verify location and depth of 6" H.P. Gas Line before construction. Design of sewers and force mains shall be altered as required (subject to Resident Engineer approval).

130+80.00 S.R. 109
202+90.00 Line "BF"

105

App. Rt

66'

134+29.50 S.R. 109

138+50.50 S.R. 109

Matchline Sta. 143+00 See Sht #75

MH 373 203+00 Line "BFE"

MH 374 195.01 Rt. Drop MH 375 195.15 Lt.

MH 388 440.11 Lt.

MH 389 423.23

MH 390 1.25' Lt.

El. 888.88 "E"
El. 888.88 "N"

MH 374 El. 889.76 "S" El. 889.76 "W"

MH 376 El. 889.96 "N" El. 889.91 "E" El. 890.01 "W"

El. 893.58 "N" El. 893.43 "S"

El. 894.30 "N" El. 894.30 "S"

El. 896.42 "N" El. 896.52 "S"

128'-8" @ 0.68%

351'-8" @ 0.98%

76'-8" @ 0.95% ±

531'-9" @ 0.41 %

427-8" @ 0.5 %

910
900
890
880

129 130 131 132 133 134 135 136 137 138 139 140 141 142 143

LINE "B.F." / STATE ROAD 109

FALL CREEK R.W.D. PLAN & PROFILE

SHEET 73

HORIZ. 1"=50'
VERT. 1"=10'

BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

PLAN

126+50.00 SPRAGUE ROAD
194+29.18 COUNTY ROAD 500 S.

SOUTH COUNTY ROAD 500

130+79.35 SPRAGUE ROAD

135+79.35 SPRAGUE ROAD

SPRAGUE ROAD

MATCH LINE STA. 139+00.00

M.H. 316 194+25 @ 24' LEFT COUNTY ROAD 500 S.

M.H. 317 +194, 2' LT.

M.H. 318 +20 @ 3' LEFT

895.75 "W" 895.85 "N"

894.31 "S" 893.96 "N" 893.76 "E"

El 895.32 "S" 895.47 "N"

420' - 8" @ 0.36%

426' - 8" @ 0.32 %

430' - 8" @ 0.43 %

910 900 890 880 870

125 126 127 128 129 130 131 132 133 134 135 136 137 138 139

PROFILE

MATCH LINE STA. 139+00.00

140+79.35 SPRAGUE ROAD

145+79.35 SPRAGUE ROAD

148+39.95 SPRAGUE ROAD
194+30.00 CATALPHA DRIVE

152+62.95 SPRAGUE ROAD

SPRAGUE ROAD

M.H. 379 139+50 @ 4' LEFT

M.H. 380 143+85 @ 4' LEFT

M.H. 381 +154, 4' LT.

M.H. 382 +75' LT.

El 897.33 "N" El 897.33 "S"

El 899.32 "S" El 899.47 "N"

El 901.43 "S" El 901.43 "N" El 901.43 "E"

El 902.61 "S"

See Above Right

420' - 8" @ 0.47%

168' - 8" @ 0.42%

313' - 8" @ 0.37 %

910 900 890 880 870

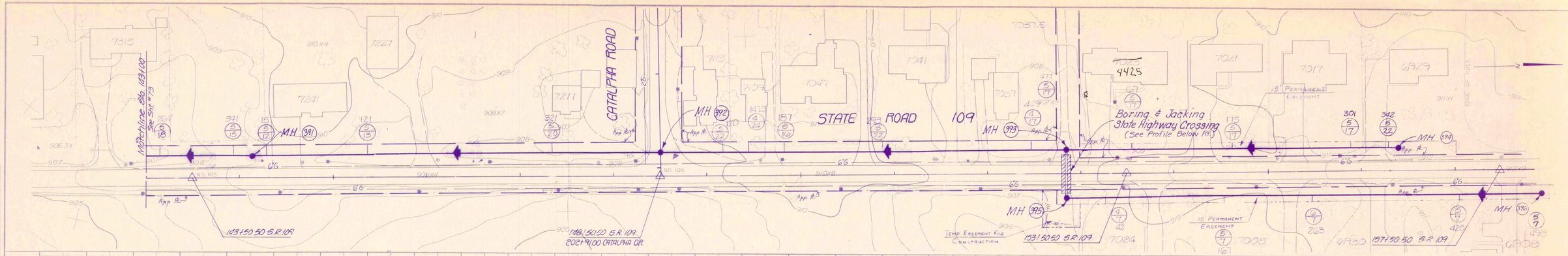
139 140 141 142 143 144 145 146 147 148 149 150 151 152 153

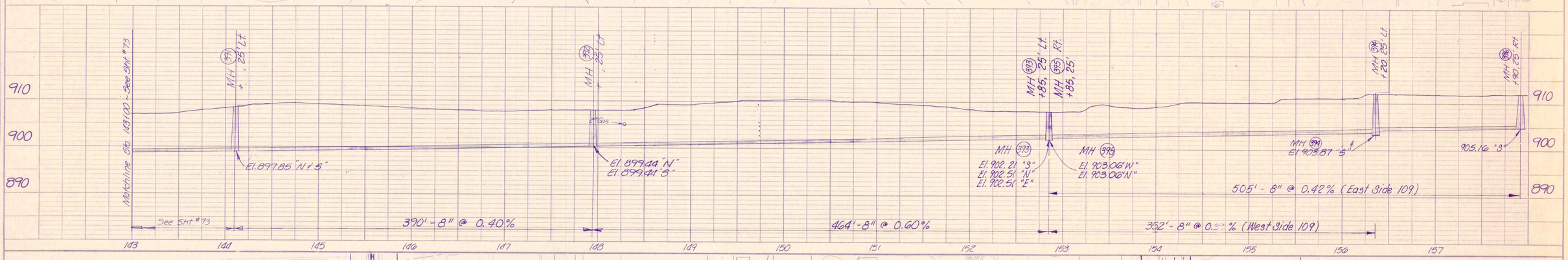
RECORD DRAWING

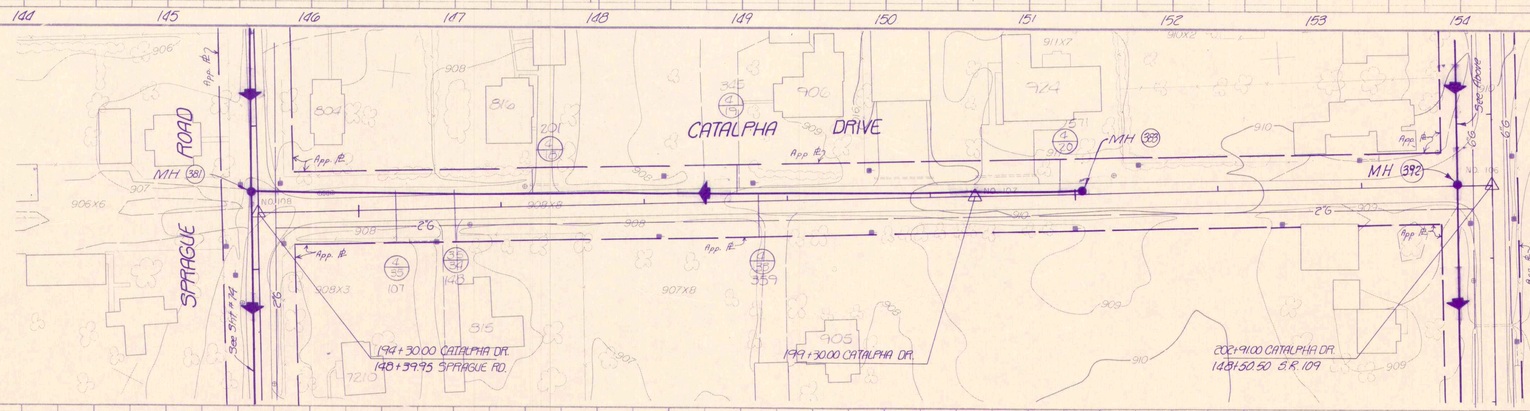
SPRAGUE ROAD
EL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA

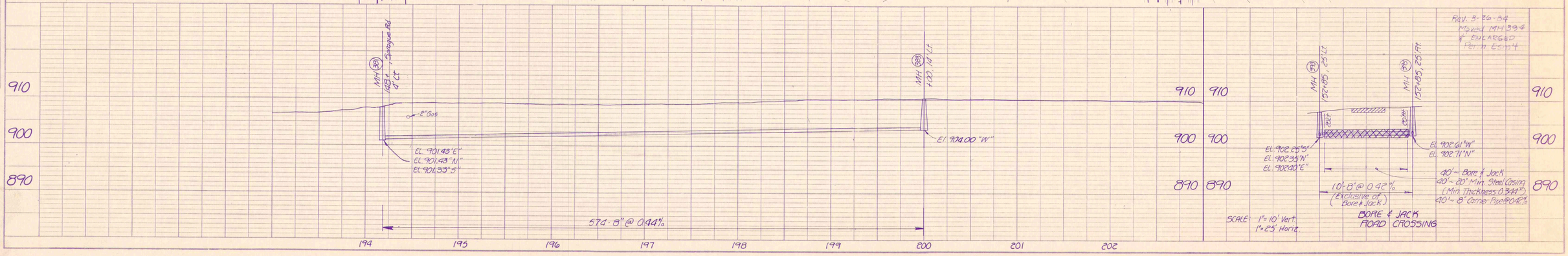
PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / PROFILE DRAWN / NOTE BOOK / CHECKED BY / R. M. / NOTED / STRUCTURE NOTATIONS BY / NO. / DATE / BY

PROFILE — SURVEYED / PLOTTED / ALIGNMENT CHECKED / PROFILE DRAWN / NOTE BOOK / CHECKED BY / R. M. / NOTED / STRUCTURE NOTATIONS BY / NO. / DATE / BY









Rev. 3-26-84
Moved MH 394 & Enlarged Perm Esmt

RECORD DRAWING

ERIC RESHE — REGISTERED — EA — 3-26-84 — PROFESSIONAL ENGINEER

STATE ROAD 109 / CATALPHA DRIVE		
FALL CREEK R.W.D. PLAN & PROFILE		SHEET
HORIZ. 1"=50'	BEAM, LONGEST & NEFF, INC. CONSULTING ENGINEERS INDIANAPOLIS, INDIANA	75
VERT. 1"=10'		

PLAN
SURVEYED
DRAWN
NOTE BOOK
NO.
CHECKED
BY
DATE

PROFILE
SURVEYED
DRAWN
NOTE BOOK
NO.
CHECKED
BY
DATE

173+15.83 COUNTY ROAD 500 S.
178+15.83 COUNTY ROAD 500 S.
183+15.83 COUNTY ROAD 500 S.
75TH STREET
COUNTY ROAD 500 SOUTH
COUNTY ROAD 500 SOUTH
MATCH LINE
STA. 183+50
Perm Esmt.
MH 378
MH 379
MH 380
App. R.
See 5th Plan
EDGE OF CULT.
4'G

910
900
890

M.H. 378 ± 901.8
M.H. 379 ± 895.2' Lt.
M.H. 380 ± 901.22' Lt.
El. 898.17 "E"
El. 898.17 "S"
El. 899.92 "N"
± 24" Conc. Storm
4" F.M. El. 901.75
4' Min. Bury
4" Force Main
El. 900.91 "E"
532'-8" Sewer @ 0.32%
See Below Lt.
515' ±-4" Force Main (200 p.s.i. Min.)
Matchline Sta 183+50 - See Below Lt.

172 173 174 175 176 177 178 179 180 181 182 183 184

183+15.83 COUNTY ROAD 500 S.
188+15.83 COUNTY ROAD 500 S.
189+59.18 COUNTY ROAD 500 S.
194+29.18 COUNTY ROAD 500 S.
126+50.00 SPRAGUE ROAD
SPRAGUE ROAD
STA. 183+50
MATCH LINE
COUNTY ROAD 500 SOUTH
Perm Esmt.
MH 384
MH 385
MH 386
App. R.
See 5th Plan
EDGE OF CULTIVATION
6" Tile T/C
Force Main Match Line Sta 194+50 See 5th Plan

910
900
890

Matchline Sta 183+50 - See Above
M.H. 384 ± 901.22' Lt.
M.H. 385 ± 901.22' Lt.
M.H. 386 ± 901.25' Lt.
4' Min. Bury
4" Force Main
El. 899.28 "W"
El. 899.23 "E"
El. 897.61 "W"
El. 897.46 "E"
El. 895.75 "W"
El. 895.85 "N"
418'-8" @ 0.39%
409'-8" @ 0.40%
419'-8" @ 0.42%
1100'-4" Force Main (200 p.s.i. Min.)
Matchline Sta 194+50 - See 5th Plan

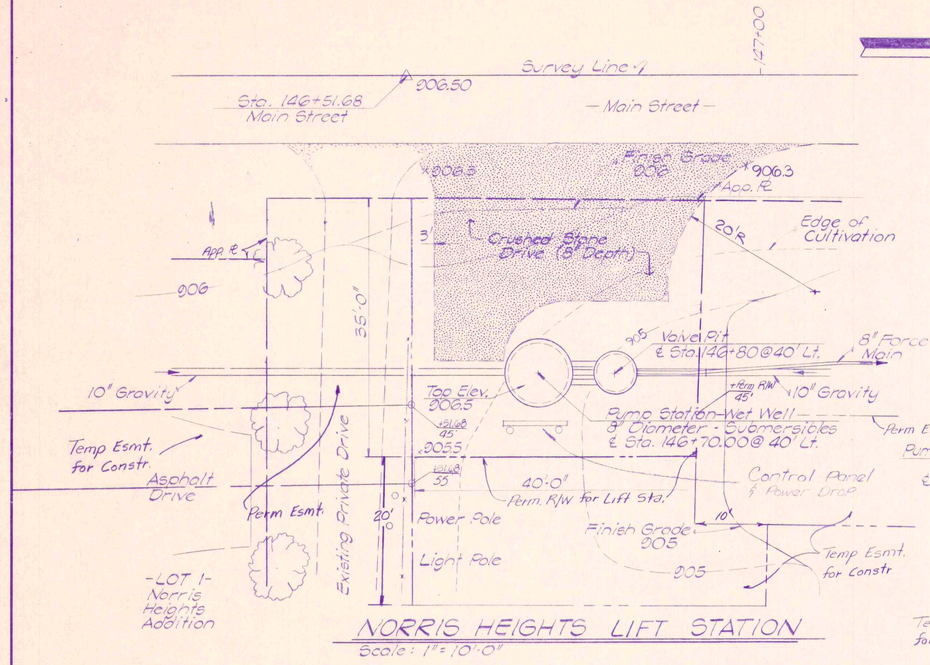
182 183 184 185 186 187 188 189 190 191 192 193 194 195

RECORD DRAWING

3-30-83

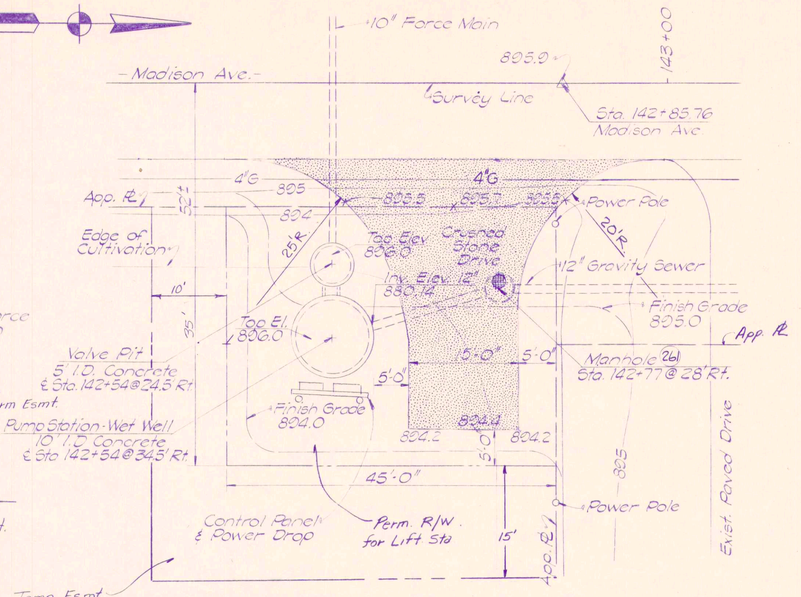
CO. RD. 500 S.

FALL CREEK R.W.D. PLAN & PROFILE
HORIZ. 1"=50'
VERT. 1"=10'
BEAM, LONGEST & NEFF, INC.
CONSULTING ENGINEERS
INDIANAPOLIS, INDIANA
SHEET 7



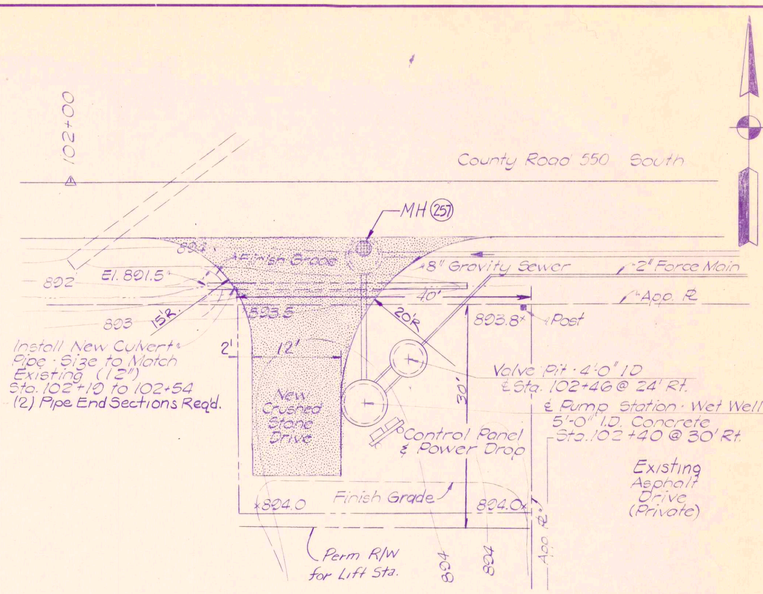
NORRIS HEIGHTS LIFT STATION

Scale: 1" = 10'-0"



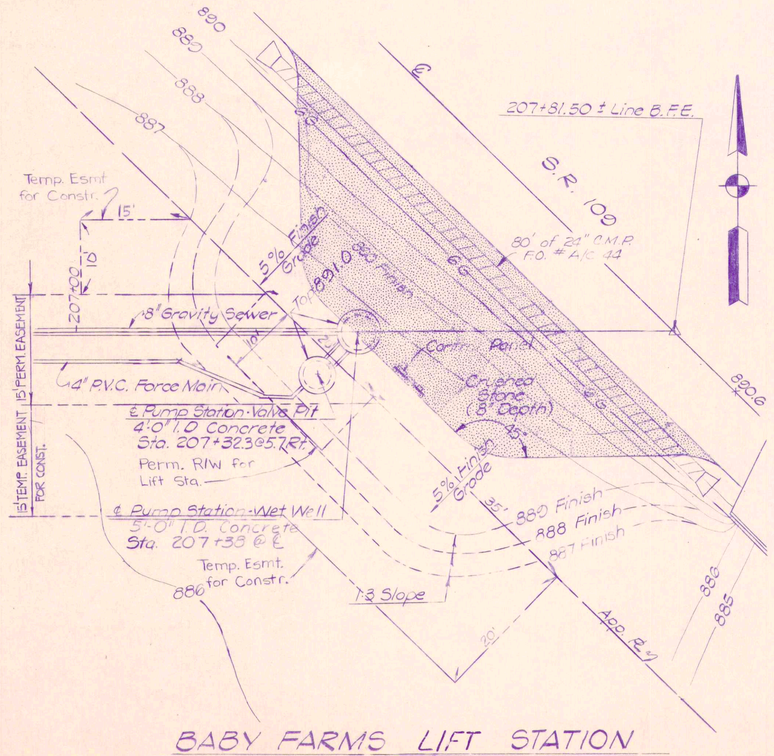
PARADISE VILLAGE LIFT STATION

Scale: 1" = 10'-0"



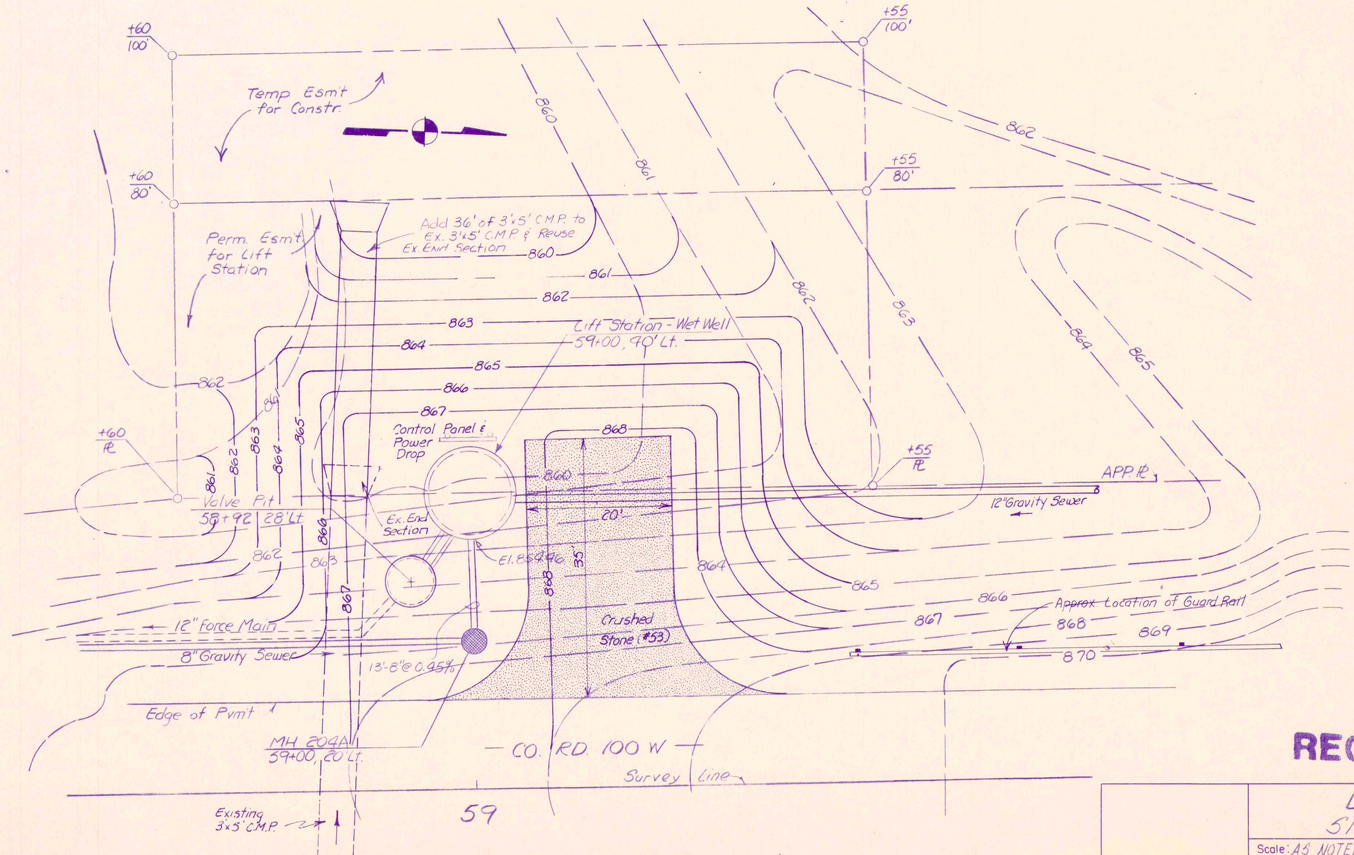
COUNTY ROAD 550 S LIFT STATION

Scale: 1" = 10'-0"



BABY FARMS LIFT STATION

Scale: 1" = 10'-0"



CO. RD. 100 W LIFT STATION

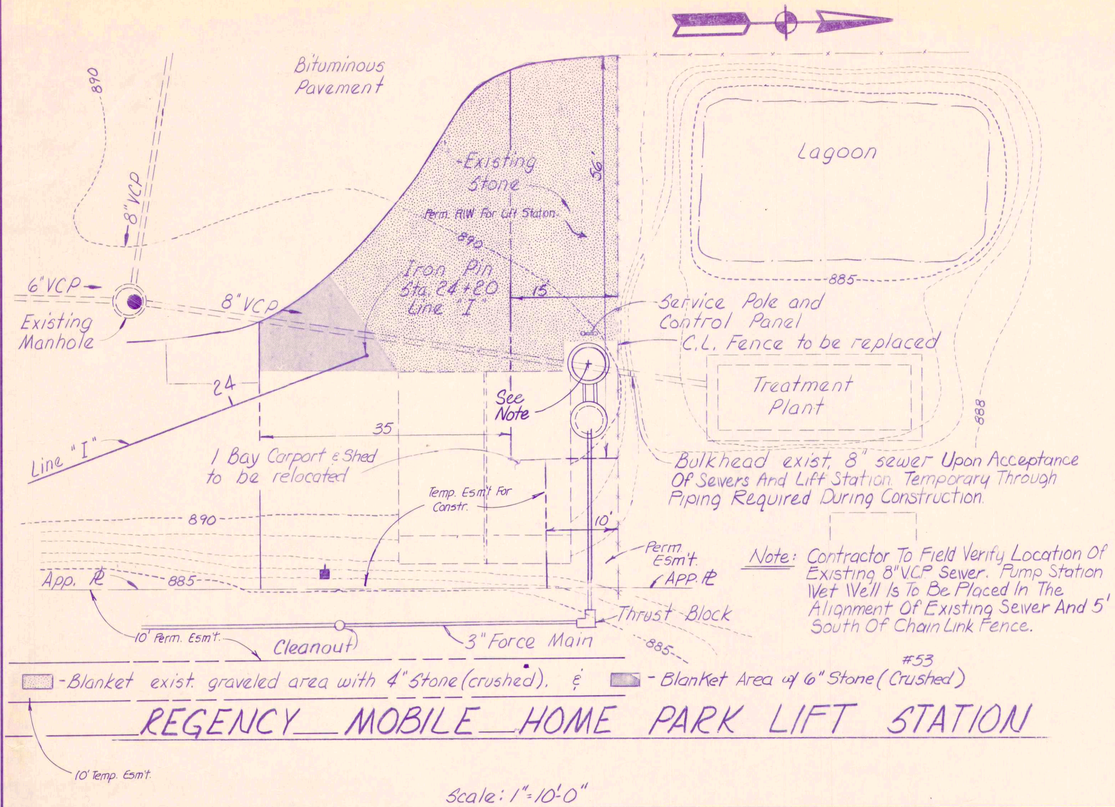
Scale: 1" = 10'

Rev. 3-22-84
Moved Co. Rd. 100 W to New Location

RECORD DRAWING

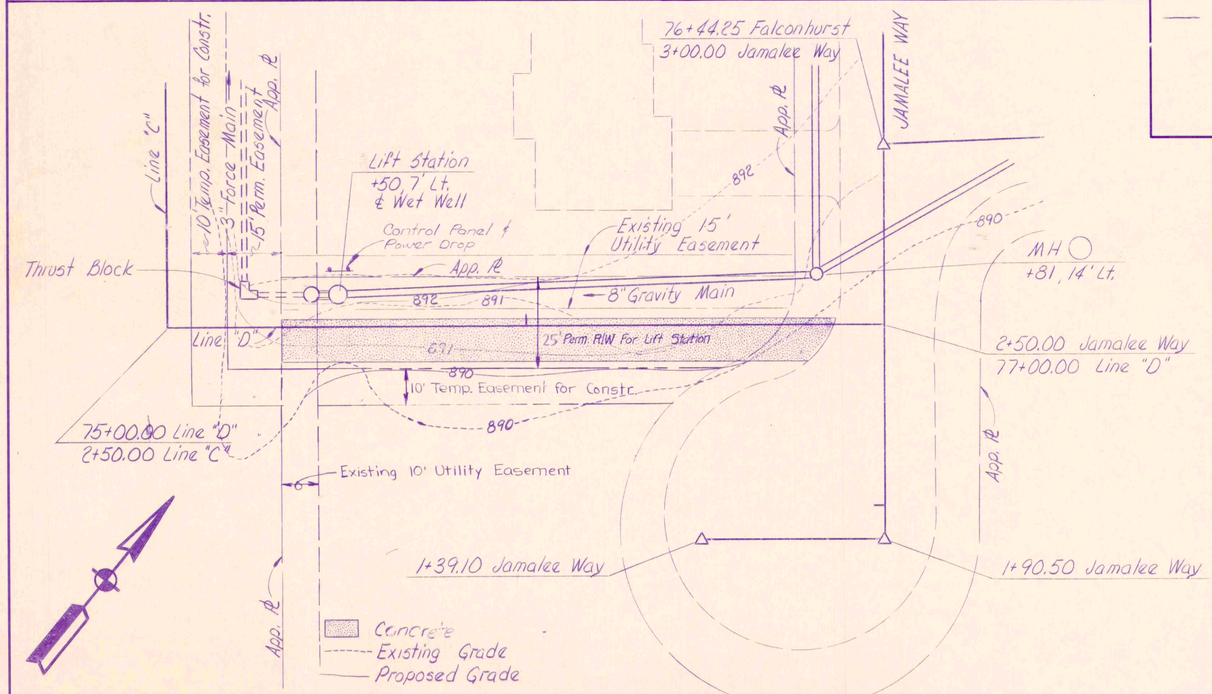
LIFT STATION SITE PLANS		
Scale: AS NOTED	FALL CREEK WASTEWATER FACILITIES	Sheet
Drawn By: DG, CF	BEAM, LONGEST & NEFF	7
Designed By: RC	Consulting Engineers	
Certified By: EA	8136 Castleton Road Indianapolis In. 46250	

MARBAUGH NC6508



REGENCY MOBILE HOME PARK LIFT STATION

Scale: 1"=10'-0"

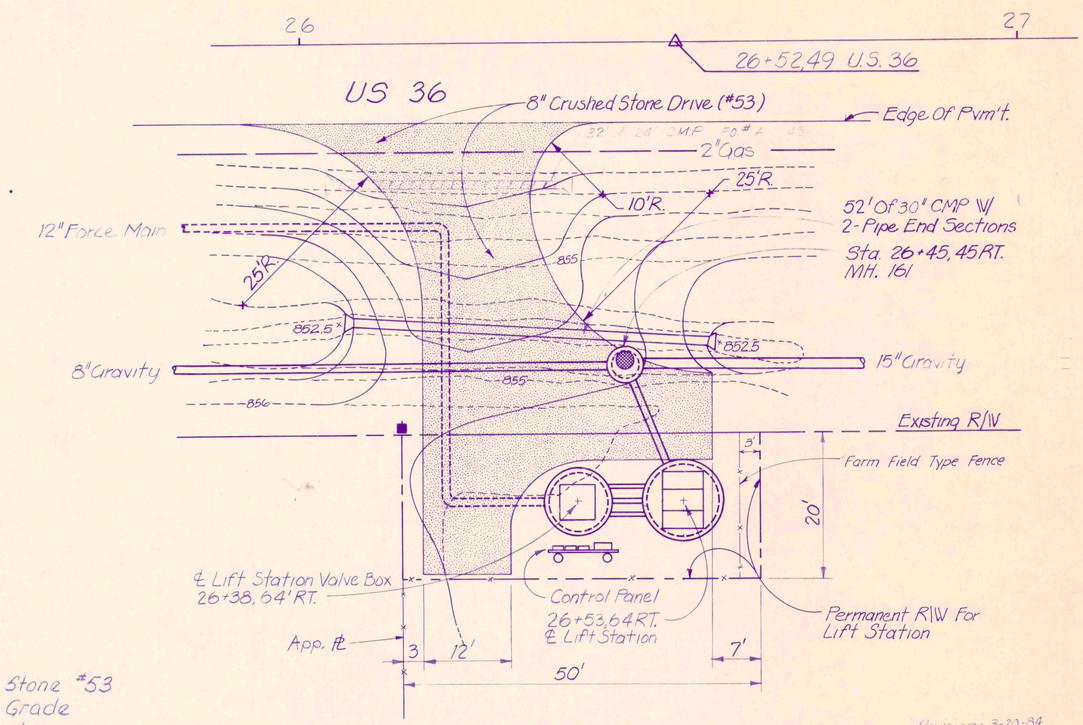


FALCONHURST LIFT STATION

(STA. 75+50, 7' LT.)

Scale: 1"=20'-0"

Revision: 3-20-84 (Changed Crushed Stone to Conc.)



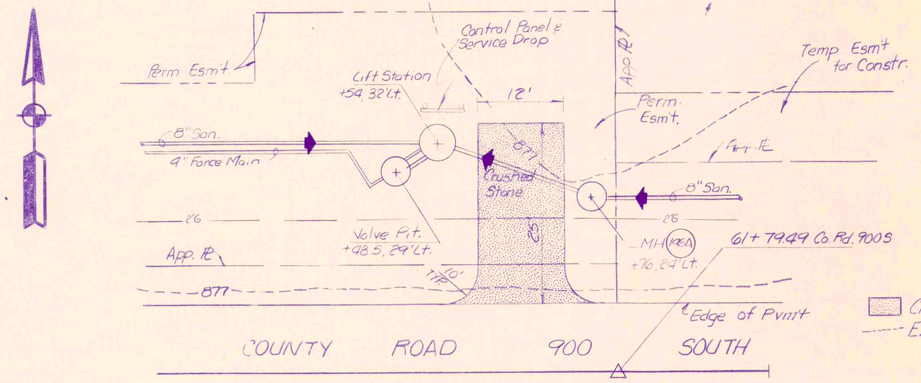
Crushed Stone #53
Existing Grade
Final Grade

U.S. 36 LIFT STATION

(STA. 26+45, 65' RT.)

Scale: 1"=10'-0"

Revision: 3-20-84 (Changed 24" CMP to 30")



Crushed Stone #53
Existing Grade

Rev. 8-8-84 (Changed L.S.)

LANTERN MEADOWS LIFT STATION

(STA. 61+54, 23' RT.)

Scale: 1"=10'-0"

RECORD DRAWING

LIFT STATION SITE PLANS

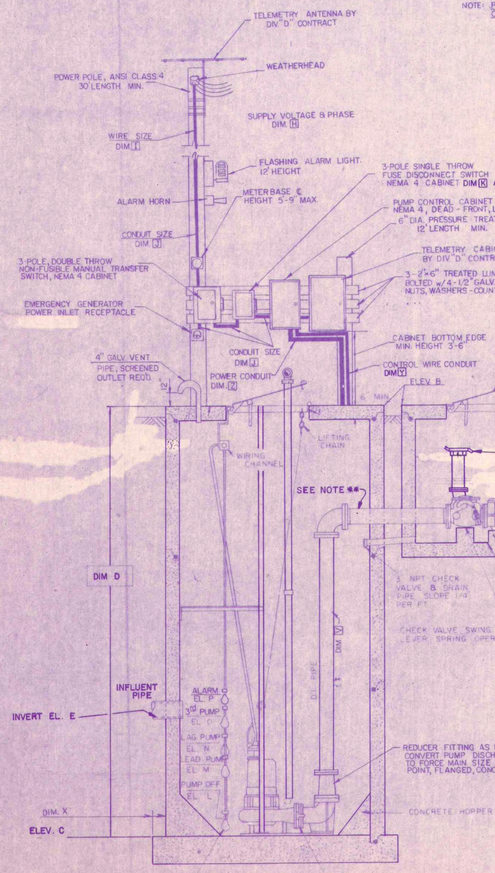
Scale: As Noted		Sheet
Drawn By: Charlie	BEAM, LONGEST & NEFF	78
Designed By:	Consulting Engineers	
Certified By:	8136 Castleton Road Indianapolis In. 46250	

DIUC

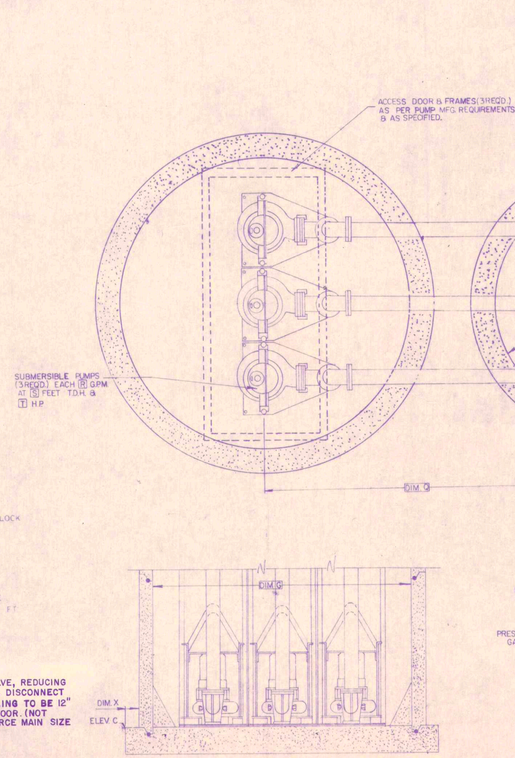
MABBAUGH N26508

LIFT STATION	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
U.S. 36 (3 PUMPS)	856.00	857.68	836.38	21.00'	845.46	8'-0"	10'-0"	240-3Φ	3#000 1#10	2½"	200 A	837.10	843.50	844.00	845.00	845.50	15'-0"	416	62	20	4'x4'	4"	130	1'-6"	1" MIN.	1" MIN.	16'-0"
REGENCY MOBILE H.P.	890.00	891.37	881.16	10.00'	887.04	4'-0"	5'-0"	240-1Φ	2#6 1#10	1"	60A	881.50	883.90	884.40	—	884.88	8'-0"	47	54	3	3'x3'	2"	100	6"	1" MIN.	1" MIN.	5'-0"
FALCONHURST	891.00	891.87	870.46	20.00'	877.17	4'-0"	5'-0"	240-1Φ	2#6 1#10	1"	60A	872.50	875.50	876.50	—	877.49	10'-0"	35	50	3	3'x3'	2"	100	6"	1" MIN.	1" MIN.	15'-0"
C.R. 100 W. (3 PUMPS)	867.75	868.32	839.70	29.00	848.41	8'-0"	10'-0"	240-3Φ	3#000 1#10	2½"	200A	840.75	847.00	847.50	848.00	848.75	15'-0"	353	73	20	4'x4'	4"	130	1'-6"	1" MIN.	1" MIN.	20'-0"
C.R. 550 S.	893.90	893.63	884.19	11.00'	886.81	4'-0"	5'-0"	240-1Φ	2#6 1#10	1"	60A	885.00	885.85	887.00	—	887.10	10'-0"	28	33	3	3'x3'	2"	100	6"	1" MIN.	1" MIN.	5'-6"
PARADISE VILLAGE	895.00	896.56	874.46	22.00'	880.29	8'x 8'x7'	10'-0"	240-3Φ	3#2 1#10	1½"	100A	875.25	878.50	879.50	—	879.70	12'-0"	640	31	10	4'x4'	6'x4'	100	1'-6"	1" MIN.	1" MIN.	16'-0"
NORRIS HEIGHTS	905.60	906.06	877.50	29.00'	881.86	5'-0"	8'-0"	240-3Φ	3#6 1#10	1"	60A	878.75	881.65	882.50	—	882.70	12'-0"	360	27	7.5	4'x4'	4"	50	1'-0	1" MIN.	1" MIN.	23'-0"
BABY FARMS	889.70	891.05	875.65	16.00'	880.50	4'-0"	5'-0"	240-3Φ	3#6 1#10	1"	60A	876.25	879.25	880.00	—	880.50	8'-0"	90	49	5.0	3'x3'	2"	100	6"	1" MIN.	1" MIN.	6'-0"
LANTERN MEADOWS	877.00	878.00	852.70	26.50'	855.60 E 858.84 W	5'-0"	5'-0"	240-3Φ	3#6 1#10	1"	60A	852.00	856.00	857.00	—	857.50	10'-0"	100	37	5.0	3'x3'	4"	100	1'-0"	1" MIN.	1" MIN	20'-0"

NOTE: POLE & CABINET TO BE LOCATED AS SHOWN ON PUMP STATION SITE PLANS



LIFT STATION
NO SCALE

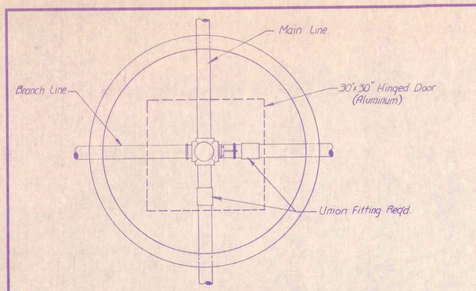


TRIPLEX SUBMERSIBLE LIFT STATION
NO SCALE

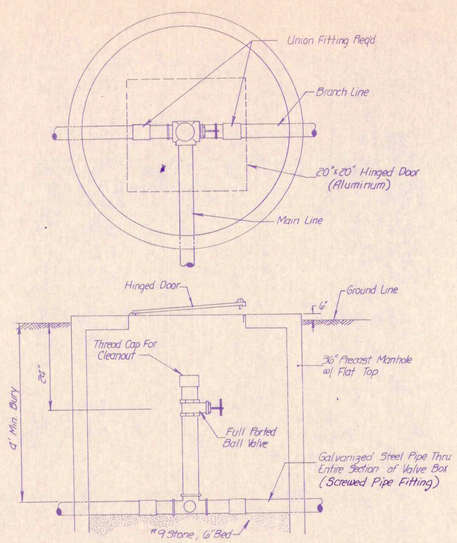
LIFT STATION DETAILS DIVISION "C"		
JOB NO.	FALL CREEK WASTEWATER FACILITIES	SHEET NO. 79
DATE	BEAM, LONGEST, & NEFF INC.	
DR. BY	CONSULTING ENGINEERS 8136 CASTLETON ROAD INDIANAPOLIS, INDIANA	
CERTIFIED BY		

RECORD DRAWING

Rev. 3-26-84
Changed Elev. of C.R. 100W Lift Station



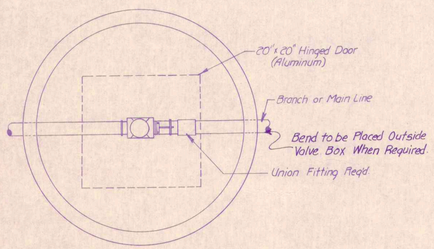
TYPE "A" VALVE BOX
NO SCALE



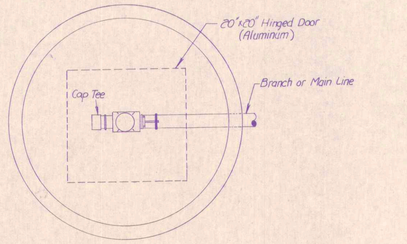
TYPE "B" VALVE BOX
NO SCALE

VALVE BOX NOTES

1.) STANDARD THREADED GALVANIZED T-FITTING, MAY BE UTILIZED IN LIEU OF A SIDE OUTLET TEE OR A SIDE OUTLET CROSS.
2.) CLEANOUT RISER AND VALVE SHALL BE SIZED TO MATCH LARGEST PRESSURE SEWER ENTERING VALVE BOX.
3.) SIZE REDUCTION/INCREASE SHALL BE MADE WITH STD. REDUCER FITTINGS INSIDE VALVE BOX.
4.) GALVANIZED PIPE TO EXTEND TO 5' MINIMUM OUTSIDE VALVE BOX.

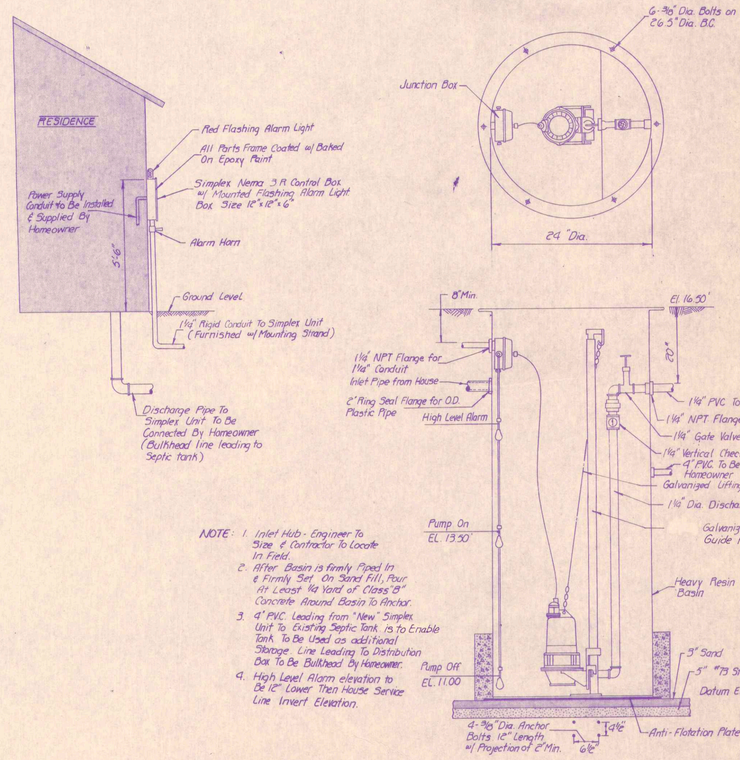


TYPE "C" VALVE BOX
NO SCALE



TYPE "D" VALVE BOX
NO SCALE

VALVE BOX DETAILS



NOTE:
1. Inlet Hub - Engineer To Size & Contractor To Locate In Field.
2. After Basin is firmly Piped In & Firmly Set On Sand Fill, Pour At Least ¼ Yard of Class "B" Concrete Around Basin To Anchor.
3. 4" PVC. Leading from "New" Simplex Unit To Existing Septic Tank. Is To Enable Tank To Be Used as additional Storage. Line Leading To Distribution Box To Be Bulkhead By Homeowner.
4. High Level Alarm elevation to Be 12" Lower Then House Service Line Invert Elevation.

SIMPLEX UNIT GRINDER PUMP
NO SCALE

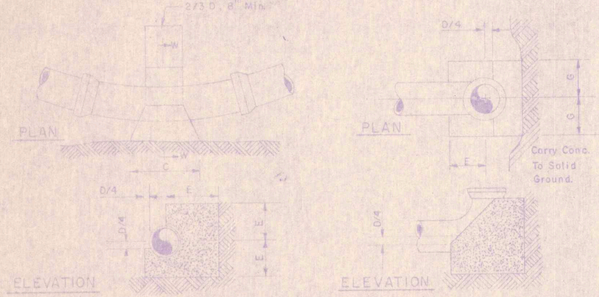
RECORD DRAWING

ERIC RESKE — REGISTERED — No. 13442 — STATE OF INDIANA — PROFESSIONAL ENGINEER

GRINDER STATION & PRESSURE SEWER DETAILS

Scale: NONE	FALL CREEK WASTEWATER FACILITIES	Sheet 80
Drawn By:	BEAM, LONGEST & NEFF	
Designed By:	Consulting Engineers 8136 Castleton Road Indianapolis In. 46250	
Certified By:		

D	A	B	C
4"	1'-0"	0'-8"	0'-8"
6"	1'-0"	0'-8"	0'-8"
8"	1'-3"	0'-8"	0'-8"
12"	1'-6"	1'-3"	1'-3"
15"	2'-0"	1'-6"	1'-6"

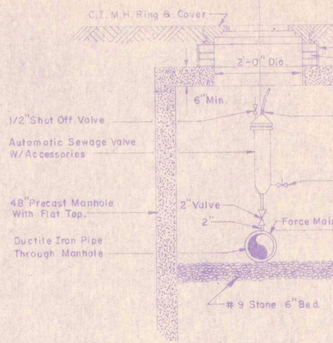


THRUST BLOCK FOR HORIZONTAL BEND

THRUST BLOCK FOR VERTICAL ELBOW

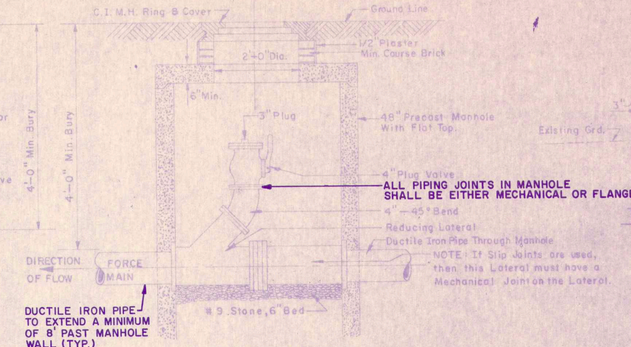
Scale: None

(Thrust Blocks To Be Provided At All Bends In Force Mains.)



FORCE MAIN AIR RELEASE

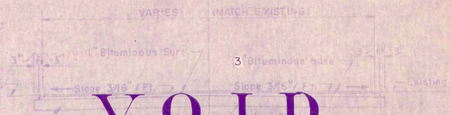
SCALE: NONE



CLEANOUTS FOR FORCE MAINS

SCALE: NONE

VOID

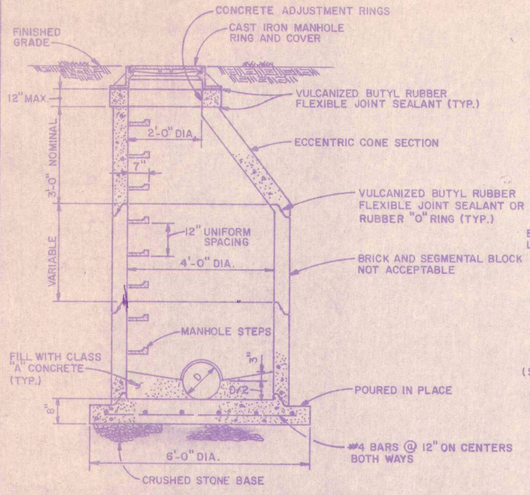

VARIES (MATCH EXISTING)
3" Bituminous Surf.
3" Bituminous Base
Existing Grade
Existing Ground
Existing Grd.
8" #53 Aggregate Base
Slope 3/16" Ft.
Slope 3/16" Ft.
Slope 1/4" Ft.
Slope 1/4" Ft.
Slope 1/4

DROP PIPE SCHEDULE

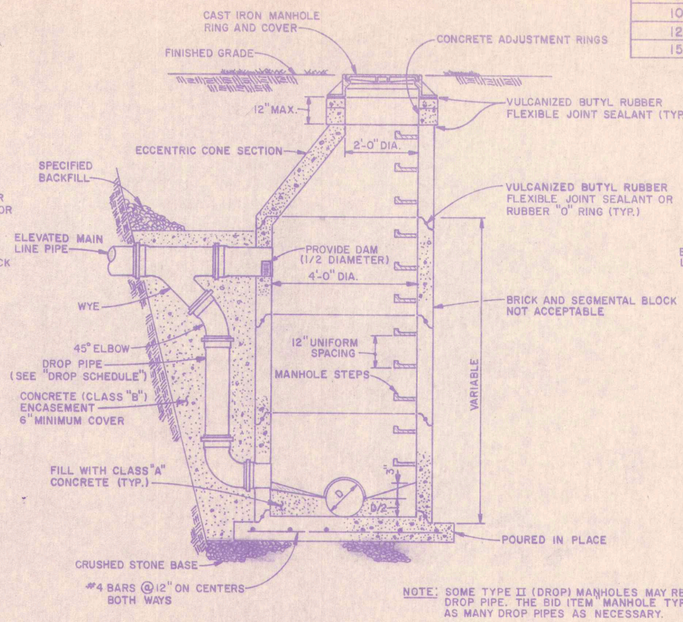
ELEV. MAIN	DROP PIPE	ELEV. MAIN	DROP PIPE
8"	6"	18"	12"
10"	8"	21"	15"
12"	10"	24"	15"
15"	12"	30"	18"

GENERAL NOTES

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST A.S.T.M. SPECIFICATIONS.
2. CONTRACTOR MUST RESTORE ALL PUBLIC AND PRIVATE FACILITIES DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL OR BETTER CONDITION.
3. ALL HOUSE CONNECTIONS SHALL BE 6" DIA. SEWER PIPE.
4. THE CONTRACTOR SHALL INCLUDE IN HIS "IN PLACE" COST FOR SEWERS, WHATEVER COSTS ARE NECESSARY FOR EXCAVATING, BACKFILLING, SHEETING, SHORING, BRACING, CLEARING OR OTHER PROCEDURES REQUIRED TO INSTALL THE SEWERS IN THE LOCATIONS SHOWN AND WITHIN AVAILABLE R/W.
5. PARTICULAR ATTENTION MUST BE PAID TO SIDE DITCH DRAINAGE DURING FINAL GRADING TO INSURE PROPER SURFACE DRAINAGE FOR THE AREA.
6. UTILITIES INDICATED ON THE DRAWINGS ARE LOCATED TO THE BEST INFORMATION AVAILABLE WHERE CONSTRUCTION TAKES PLACE NEAR ANY UTILITY, THE CONTRACTOR SHALL HAVE THE UNDERGROUND UTILITY FIELD LOCATED BEFORE STARTING WORK.
7. EXISTING CULVERTS REMOVED DURING CONSTRUCTION MAY BE RE-USED UPON ENGINEERS INSPECTION AND APPROVAL; NEW CULVERT PIPE SHALL BE USED WHEN IN STATE HIGHWAY OR COUNTY RIGHT OF WAY.
8. MANHOLE ADJUSTMENT RINGS TO BE ADJUSTED TO MATCH FINAL GROUND OR PAVEMENT GRADE, UNLESS OTHERWISE NOTED ON PLANS.
9. MANHOLE BOTTOMS SHALL BE FORMED TO PROVIDE CHANNELS CONFORMING IN SIZE AND SHAPE TO THE INCOMING AND OUTGOING SEWERS WITH SMOOTH CHANNEL INVERTS SLOPED AND FILLETED IN A MANNER TO PREVENT DEPOSITION OF SOLIDS IN THE MANHOLE.
10. WHEN MAIN SEWER DIAMETER IS 24" TO 33", THE INSIDE DIAMETER OF THE MANHOLE BASE SHALL BE 60" MINIMUM.

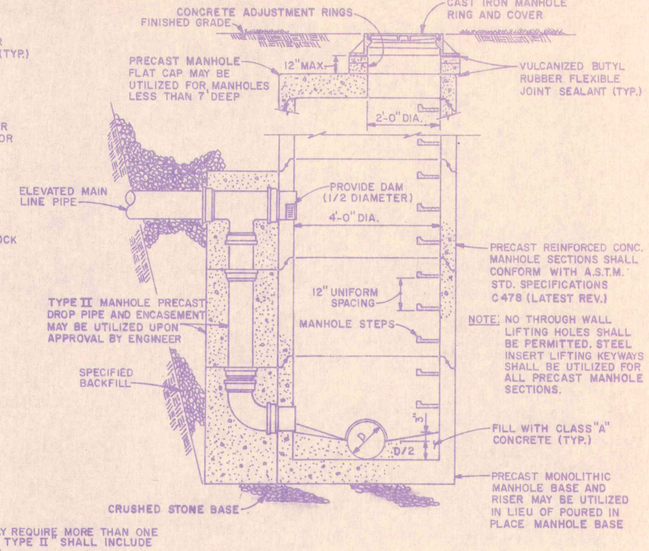


TYPE I
STANDARD MANHOLE FOR SEWERS
21" OR LESS IN DIAMETER

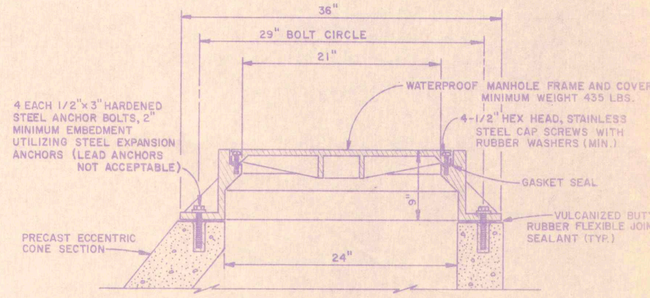


NOTE: SOME TYPE II (DROP) MANHOLES MAY REQUIRE MORE THAN ONE DROP PIPE. THE BID ITEM "MANHOLE TYPE II" SHALL INCLUDE AS MANY DROP PIPES AS NECESSARY.

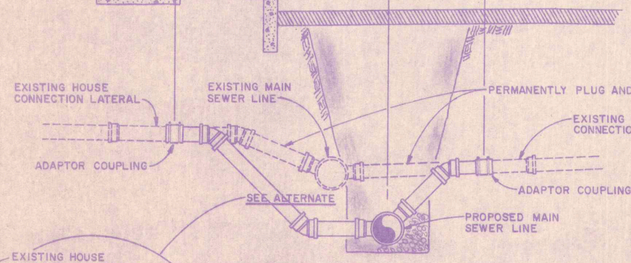
TYPE II
DROP MANHOLE FOR SEWERS
21" OR LESS IN DIAMETER



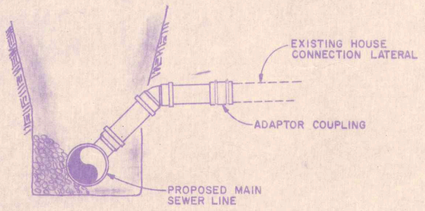
TYPE II
PRECAST DROP MANHOLE FOR SEWERS
21" OR LESS IN DIAMETER



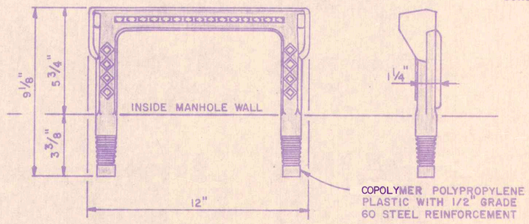
FLOODPROOF MANHOLE DETAIL



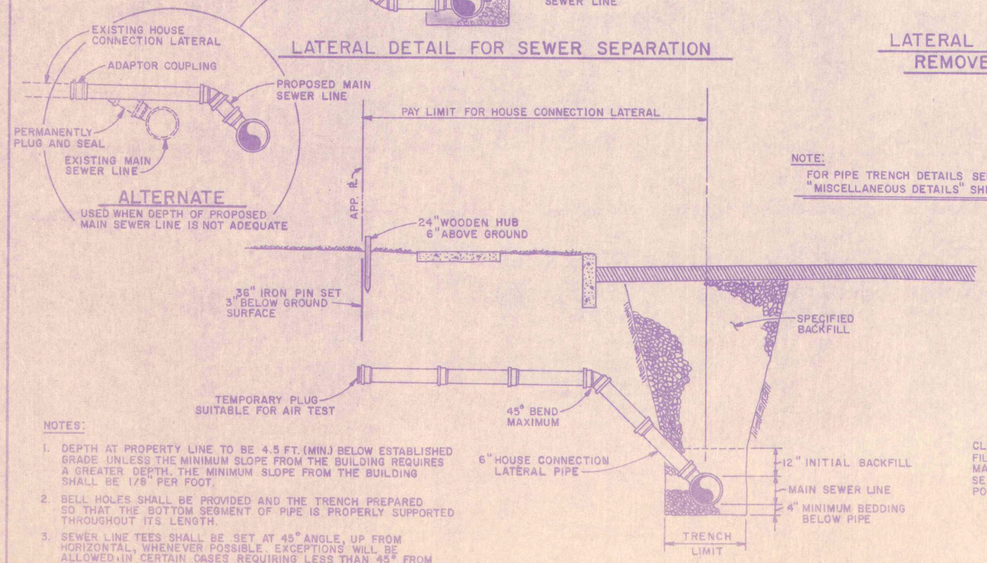
LATERAL DETAIL FOR SEWER SEPARATION



LATERAL DETAIL MAIN SEWER
REMOVE AND REPLACE



MANHOLE STEP DETAIL

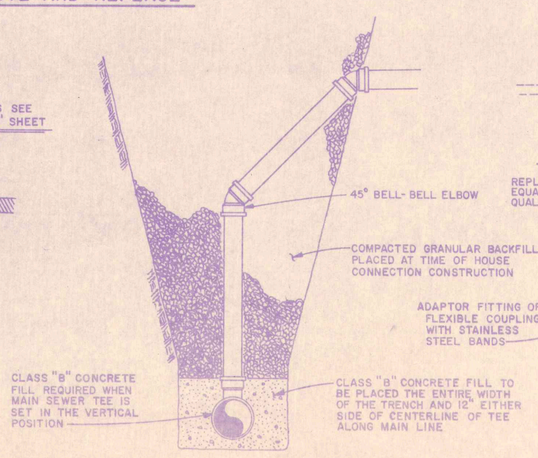


NOTES:

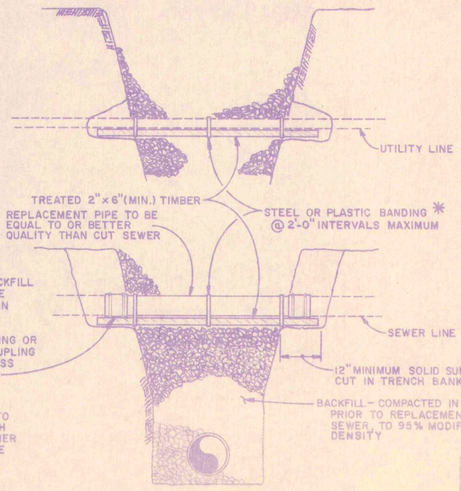
1. DEPTH AT PROPERTY LINE TO BE 4.5 FT. (MIN.) BELOW ESTABLISHED GRADE UNLESS THE MINIMUM SLOPE FROM THE BUILDING REQUIRES A GREATER DEPTH. THE MINIMUM SLOPE FROM THE BUILDING SHALL BE 1/8" PER FOOT.
2. BELL HOLES SHALL BE PROVIDED AND THE TRENCH PREPARED SO THAT THE BOTTOM SEGMENT OF PIPE IS PROPERLY SUPPORTED THROUGHOUT ITS LENGTH.
3. SEWER LINE TEES SHALL BE SET AT 45° ANGLE, UP FROM HORIZONTAL, WHENEVER POSSIBLE. EXCEPTIONS WILL BE ALLOWED IN CERTAIN CASES REQUIRING LESS THAN 45° FROM HORIZONTAL TEE PLACEMENT, (eg. SHALLOW MAIN LINE SEWERS, LESS THAN 5 FEET DEEP) (eg. NEW HOUSE CONNECTIONS MUST GO UNDER EXISTING SEWER).
4. DEPTH OF HOUSE LATERAL AT PROPERTY LINE SHALL BE SUFFICIENT TO SERVE EXISTING DRAINS IN BASEMENTS AND OTHER EXISTING DEEP HOUSE DRAINS AND WHEN REQUESTED BY HOMEOWNER.

TYPICAL LATERAL DETAIL

NOTE:
FOR PIPE TRENCH DETAILS SEE "MISCELLANEOUS DETAILS" SHEET

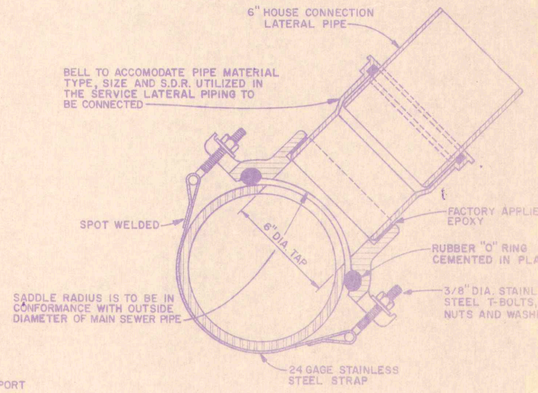


LATERAL DETAIL FOR DEEP SEWERS



* BANDING TO BE MINIMUM 1" WIDTH MATERIAL AND TO BE INSTALLED WITH STANDARD BANDING TOOLS

DETAIL FOR REPAIR AND SUPPORT
OF EXPOSED UTILITIES AND SEWERS



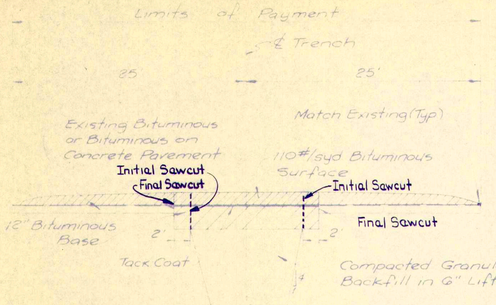
SEWER PIPE SADDLE DETAIL

NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
E.R.
No. 13462
3-30-83

RECORD DRAWING

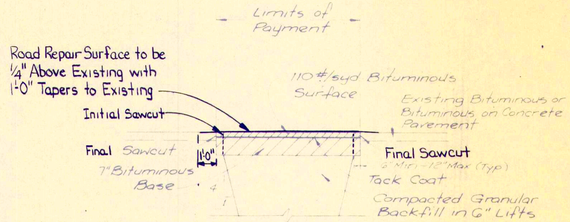
SEWER DETAILS

Scale: As Noted	FALL CREEK R.W.D.	Sheet: 82
Drawn By: P.B.	BEAM, LONGEST & NEFF	
Designed By: R.C.	Consulting Engineers	
Certified By: E.R.	8136 Castleton Road	



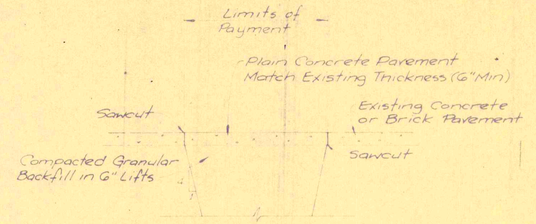
HIGHWAY REPAIR FOR BITUMINOUS PAVEMENT or BITUMINOUS ON CONCRETE PAVEMENT

(No Scale)



COUNTY ROAD REPAIR FOR BITUMINOUS PAVEMENT

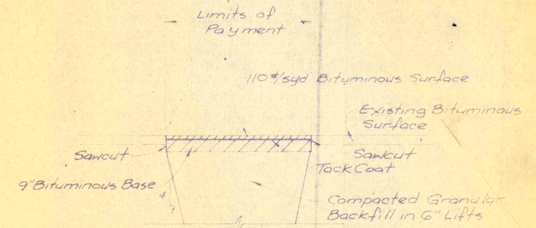
(No Scale)



PAVEMENT REPAIR DETAIL *

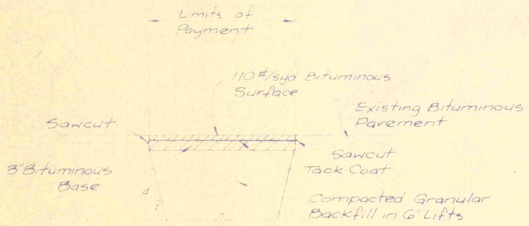
(No Scale)

* For County Road, Street & Residential Driveway Repair (Within Highway R/W) - Concrete or Brick Pavement



BITUMINOUS COMMERCIAL DRIVEWAY REPAIR, WITHIN HIGHWAY R/W

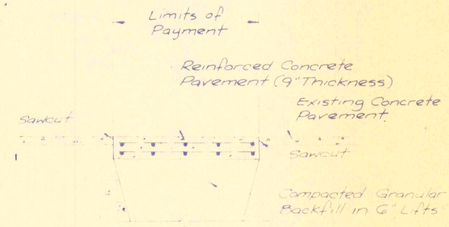
(No Scale)



BITUMINOUS RESIDENTIAL DRIVEWAY REPAIR *

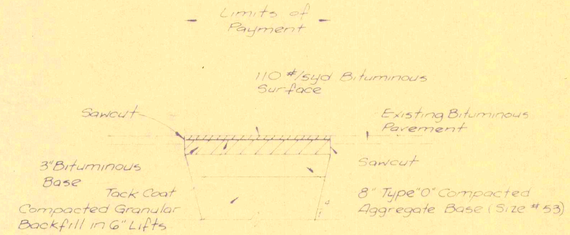
(No Scale)

*For Driveways in Street, County & Highway R/W



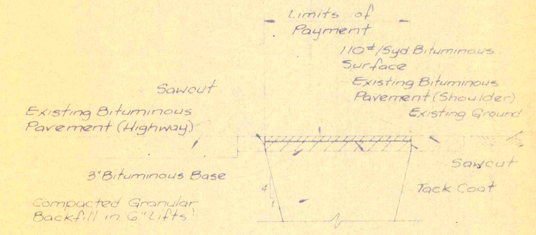
CONCRETE COMMERCIAL DRIVEWAY REPAIR, WITHIN HIGHWAY OR COUNTY R/W

(No Scale)



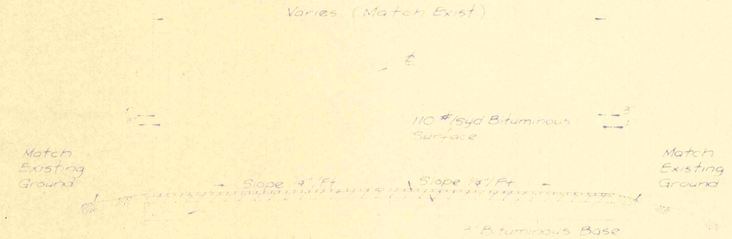
STREET REPAIR FOR BITUMINOUS PAVEMENT

(No Scale)



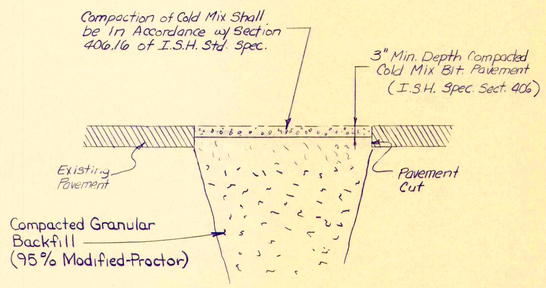
SHOULDER REPAIR ALONG HIGHWAYS

(No Scale)



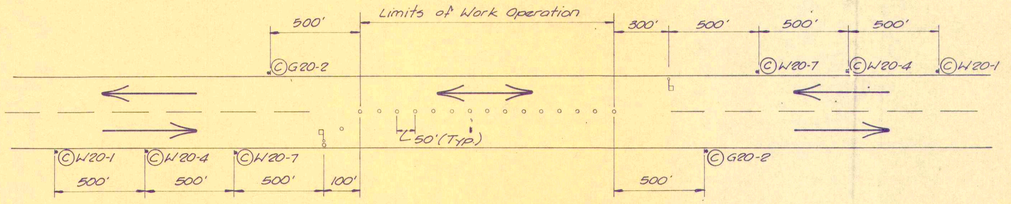
TYPICAL SECTION FOR ROADWAY REPLACEMENT BITUMINOUS PAVEMENT

(No Scale)



TEMPORARY ROAD REPAIR

For All Pavement During Sewer Main Installation



TYPICAL WORK SECTION

(No Scale)

LEGEND

- © Construction Sign, Type A
  - G20-2 End Construction
  - W20-1 Road Construction Ahead
  - W20-4 One Lane Road Ahead
  - W20-7 Flagman Ahead
- Flagman
- Cones, Drums, or Barricades, Type I or II

GENERAL NOTES

1. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH SECTION 104.04 OF THE INDIANA STATE HIGHWAY STANDARD SPECIFICATIONS, DATED 1978, THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, DATED 1975 AND THE MAINTAINING TRAFFIC SEQUENCE FOR INDIVIDUAL SEGMENTS AS DETAILED.
2. CONTRACTOR SHALL BE REQUIRED TO ERECT AND MAINTAIN ALL CONSTRUCTION SIGNS AS SHOWN.
3. THE MAINTENANCE OF TRAFFIC LISTED HERE IS ONLY A RECOMMENDATION AND SHOULD THE CONTRACTOR DESIRE TO ADOPT ANOTHER METHOD OF MAINTAINING TRAFFIC DURING CONSTRUCTION, IT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL IN ADVANCE OF THE COMMENCEMENT OF WORK IN THE AFFECTED AREA.
4. LENGTH OF WORK OPERATION SHALL BE LIMITED AS SET OUT IN SECTION 9, GENERAL CONSTRUCTION SPECIFICATIONS.
5. MAINTENANCE OF TRAFFIC AS SHOWN IN THE DETAIL ABOVE SHALL BE REQUIRED ONLY WHEN CONSTRUCTION IS WITHIN 12 FEET OF EDGE OF PAVEMENT.

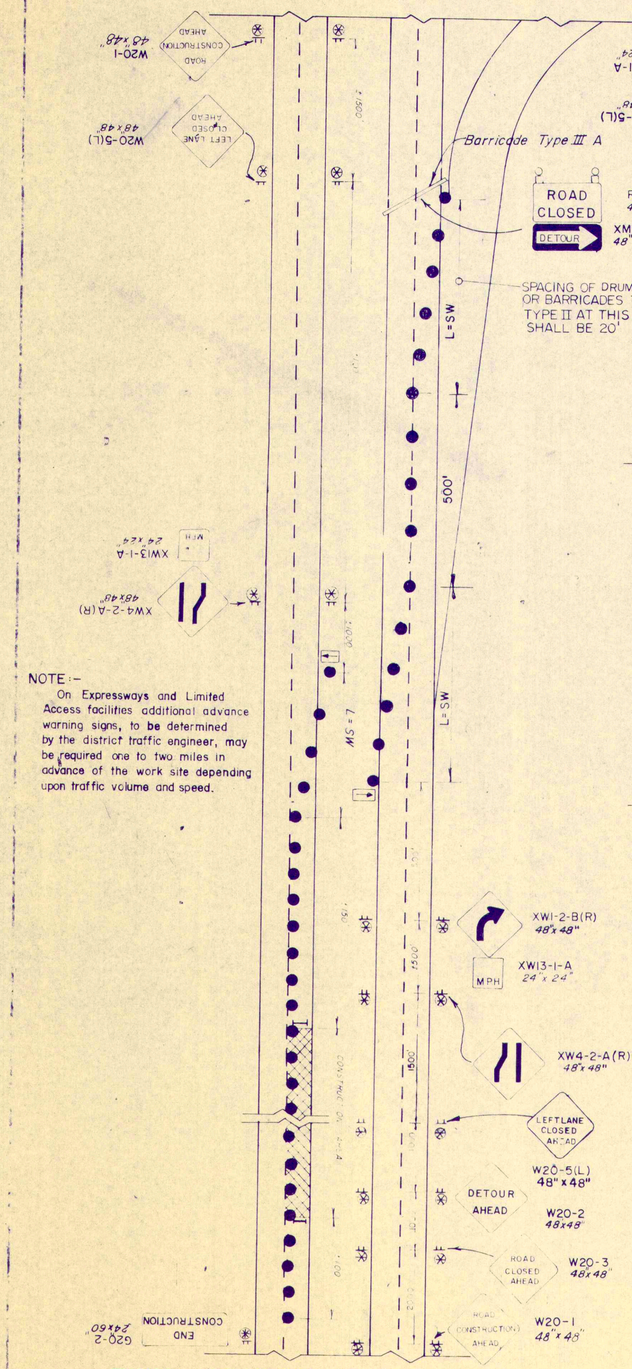
MAINTENANCE OF TRAFFIC

ERIC RESKE REGISTERED LAND SURVEYOR No. 10442 STATE OF INDIANA PROFESSIONAL ENGINEER 4-30-84

PAVEMENT REPAIR DETAILS

Scale None	FALL CREEK WASTEWATER FACILITIES
Drawn By V.M.S.	BEAM, LONGEST & NEFF
Designed By G.D.L.	Consulting Engineers 8136 Castleton Road Indianapolis In 46250
Certified By E.R.	

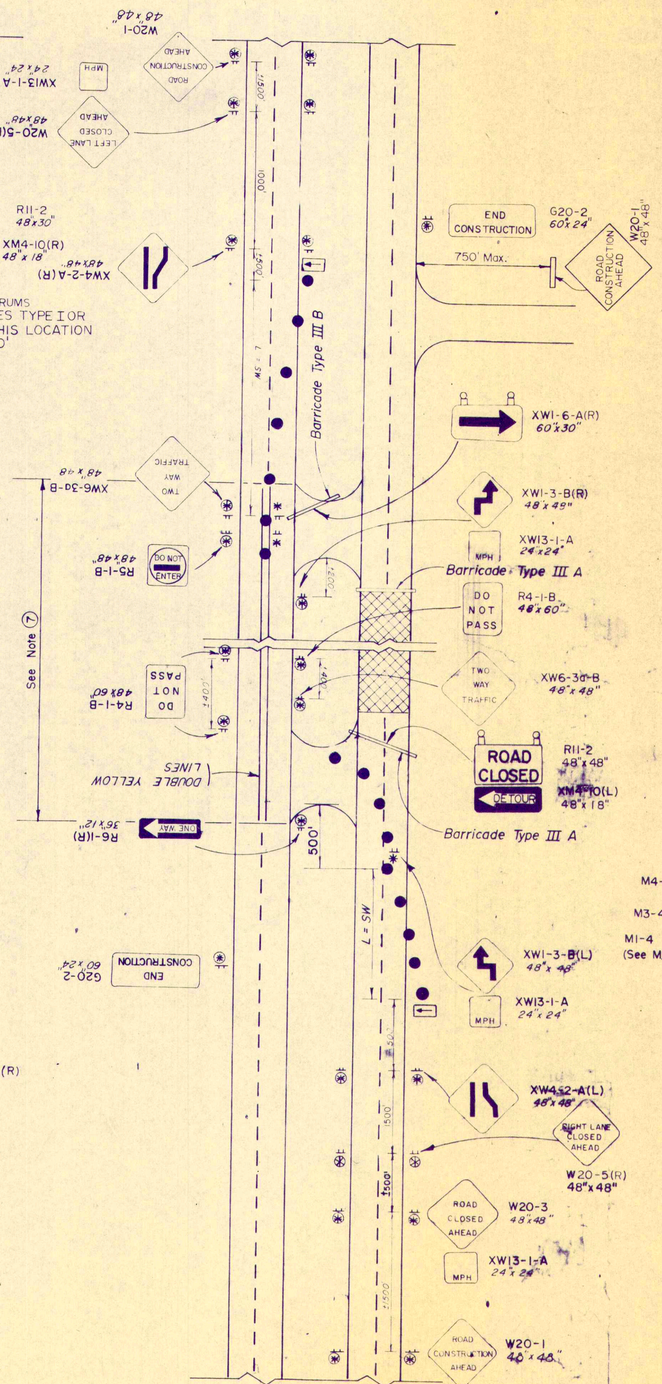
Sheet 83



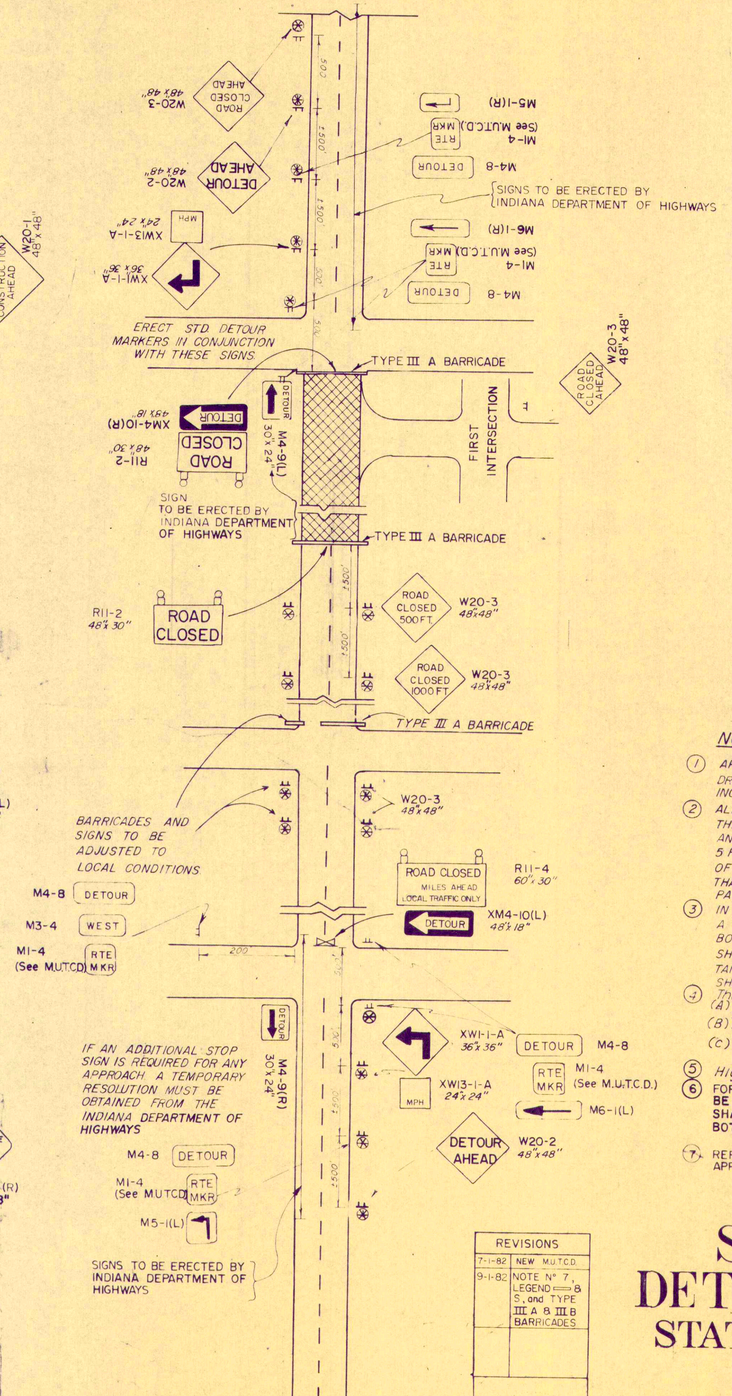
NOTE :-

On Expressways and Limited Access facilities additional advance warning signs, to be determined by the district traffic engineer, may be required one to two miles in advance of the work site depending upon traffic volume and speed.

TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES ON INTERSTATE HIGHWAYS



TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES ON 4-LANE DIVIDED HIGHWAY WHERE ONE ROADWAY IS CLOSED



TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES WHERE A ROAD IS CLOSED BEYOND A DETOUR POINT

LEGEND

- FLASHING ARROW SIGN TO BE PLACED AT BEGINING OF TAPER
- TYPE III A OR B BARRICADE AS SHOWN
- DRUM OR BARRICADES TYPE I OR II WITH "TYPE C" STEADY BURNING LIGHT
- LOW INTENSITY FLASHING YELLOW LIGHT (TYPE 'A')
- HIGH INTENSITY FLASHING YELLOW LIGHT (TYPE 'B')

F.F.T.F. - FARM FIELD TYPE FENCE
C.L.T.F. - CHAIN LINK TYPE FENCE
L.A.R/W - LIMITED ACCESS RIGHT-OF-WAY
A.C.L. - ACCESS CONTROL LINE
L - MINIMUM LENGTH OF TAPER
S - POSTED SPEED LIMIT PRIOR TO CONSTRUCTION ZONE
W - WIDTH OF OFFSET IN FEET
- PORTABLE CONSTRUCTION SIGN SUPPORT WITH TWO HIGH INTENSITY FLASING YELLOW LIGHTS (TYPE "B")

NOTE

(1) APPROVED LIGHTS SHALL MARK BARRICADES, DRUMS AND SIGNS CONTINUOUSLY AT NIGHT; EXCEPT FOR HIGH INTENSITY FLASHING LIGHTS WHICH SHALL OPERATE CONTINUOUSLY OVER A 24-HOUR PERIOD.

(2) ALL SIGNS SHALL BE MOUNTED IN SUCH A MANNER THAT THE VERTICAL DISTANCE BETWEEN THE BOTTOM OF THE SIGN AND THE EDGE OF THE PAVEMENT SHALL BE NOT LESS THAN 5 FEET AND THE HORIZONTAL DISTANCE FROM THE EDGE OF PAVEMENT TO THE EDGE OF SIGN SHALL NOT BE LESS THAN 12 FEET (R/W Permiting) OR 6 FEET FROM THE EDGE OF A PAVED SHOULDER

(3) IN CURBED AREA ALL SIGNS SHALL BE MOUNTED IN SUCH A A MANNER THAT THE VERTICAL DISTANCE BETWEEN THE BOTTOM OF THE SIGN AND THE EDGE OF THE PAVEMENT SHALL BE NOT LESS THAN 7 FEET AND THE HORIZONTAL DISTANCE FROM THE EDGE OF PAVEMENT TO THE EDGE OF SIGN SHALL NOT BE LESS THAN 2 FEET

(4) The spacing of drums and Barricades Type I & II shall be as follows:
(A) For speeds, the spacing shall be numerically equal to the posted speed limit, with a minimum spacing of 20 feet.
(B) For tangents, when the posted speed limit is 40 M.P.H. or greater, the spacing shall be 100 feet.
(C) For tangents, when the posted speed limit is less than 40 M.P.H., the spacing shall be 50 feet.

(5) High intensity flashing yellow Lights (Type "B") To be omitted.

(6) FOR TEMPORARY LANE CLOSURE DURING DAYLIGHT HOURS, CONES MAY BE USED IN LIEU OF BARRELS OR TYPE I OR II BARRICADES. THE CONES SHALL BE A MINIMUM OF 28"(INCHES) IN HEIGHT WITH BALLAST IN THE BOTTOM OR OTHER APPROVED DEVICE TO PREVENT TIPPING.

(7) REFER TO STANDARD DETOUR SIGNS SHEET I-A FOR THE DETAIL OF A TYPICAL APPLICATION.

REVISIONS	
7-1-82	NEW M.U.T.C.D.
9-1-82	NOTE N° 7, LEGEND ⟹ 8 S, and TYPE III A & III B BARRICADES

CERTIFIED A TRUE COPY — STATE OF INDIANA — DEPARTMENT OF HIGHWAYS

STANDARD DETOUR SIGNS
STATE OF INDIANA
APRIL 1972

RECOMMENDED FOR APPROVAL — Donald F. Hetty — ENGINEER OF TRAFFIC — 3-15-72

APPROVED — Clinton A. Venable — CHIEF, DIVISION OF TRAFFIC — 3.15.72

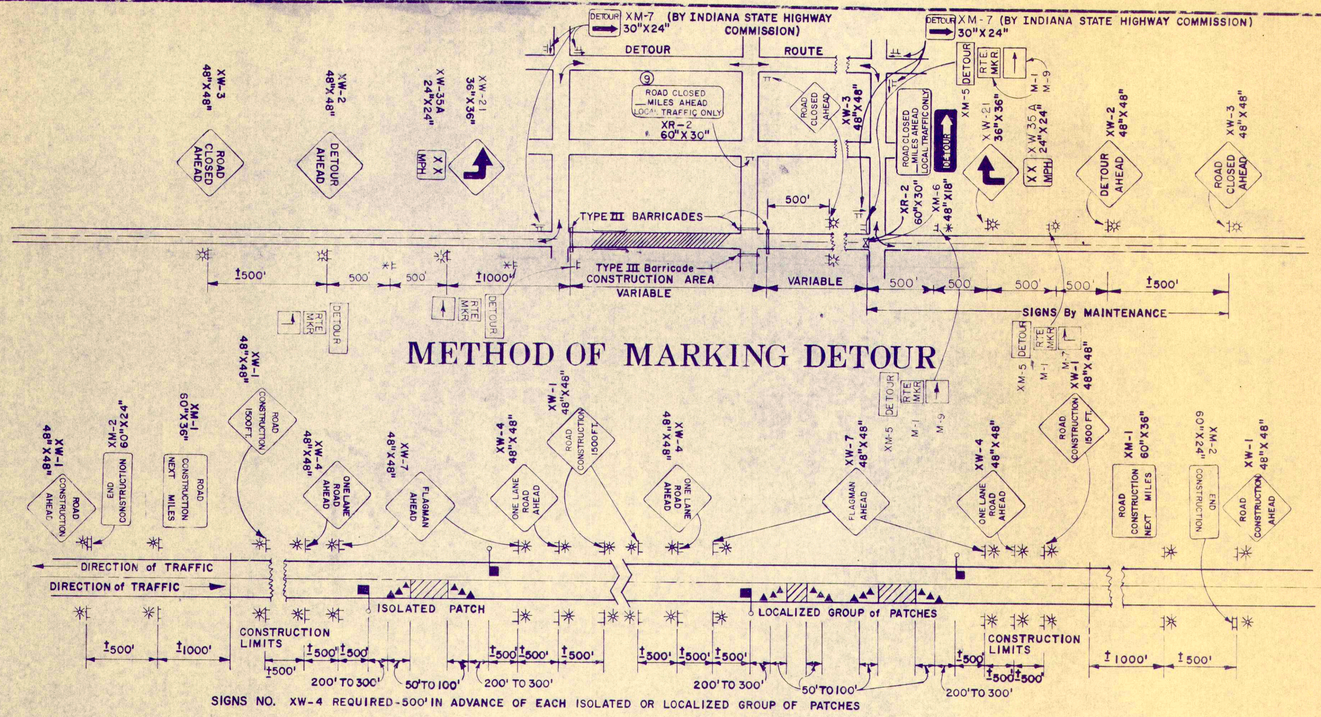
APPROVED — CHIEF HIGHWAY ENGINEER

REVISIONS	
3-1-73	Legend
6-2-73	Sign Size
3-1-76	Temporary Closure and Legend
6-1-76	New M.U.T.C.D.
7-1-76	New M.U.T.C.D.
12-1-76	XW-5 Sign
5-1-78	NOTE 6

REVISIONS	
8-1-79	Note (6) Location of Type "A" Light & XW-1
10-1-79	Location of Flashing Arrow Sign
11-1-79	X-Over Protection Note (7) & XM-7 Detour Sign
2-3-89	Spacing of Barrels
5-1-90	Cone Size (Note 6)
4-1-81	Signing of Intersecting Roads

SHEET 1 DETOURS

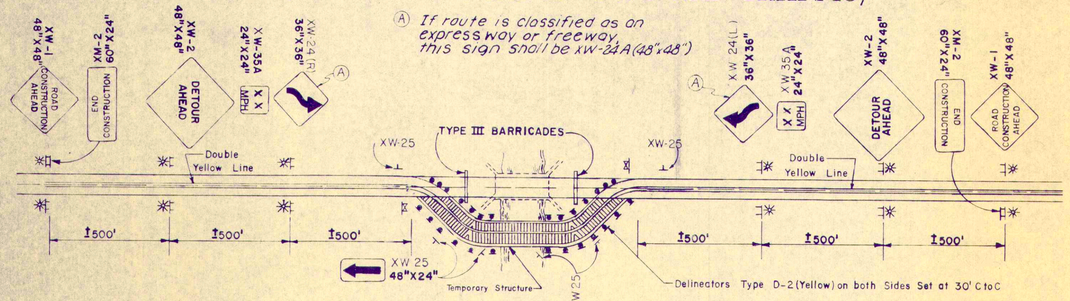
Sht. 84 62



METHOD OF MARKING DETOUR

SIGNS NO. XW-4 REQUIRED-500' IN ADVANCE OF EACH ISOLATED OR LOCALIZED GROUP OF PATCHES

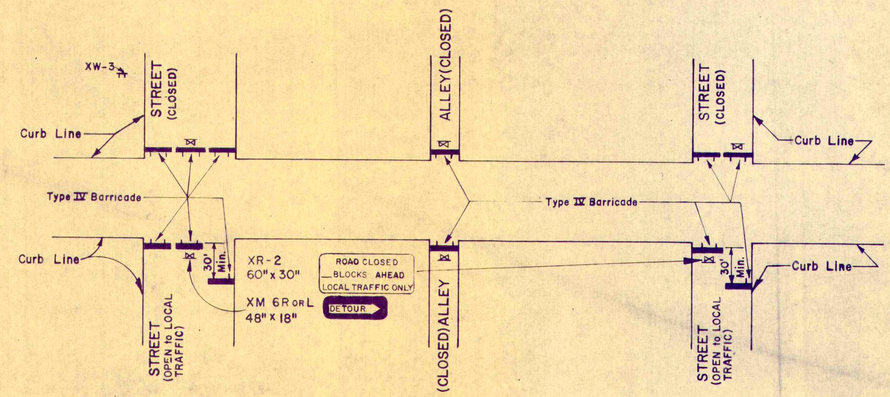
METHOD OF MARKING CONSTRUCTION UNDER TRAFFIC
(FOR SINGLE LANE TWO-WAY TRAFFIC)



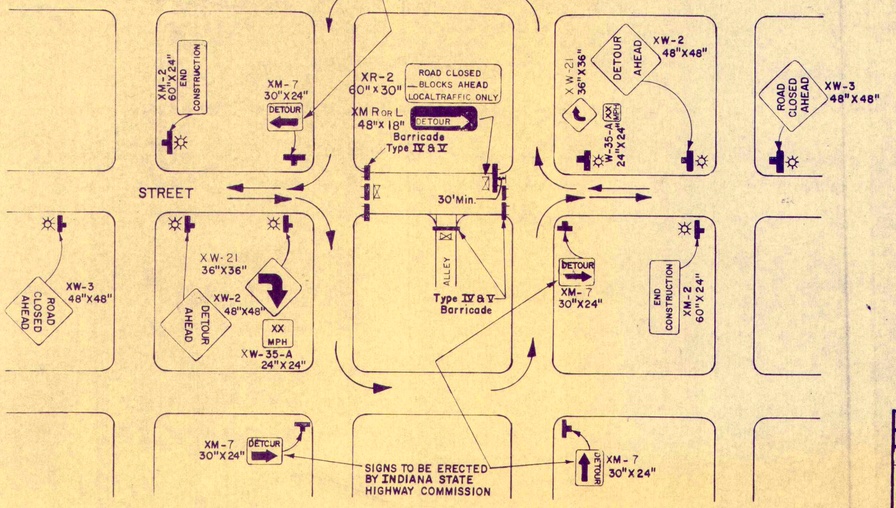
METHOD OF MARKING RUN-AROUND

NOTE:

1. APPROVED LIGHTS SHALL MARK BARRICADES, DRUMS AND SIGNS CONTINUOUSLY AT NIGHT; EXCEPT FOR HIGH INTENSITY FLASHING LIGHTS WHICH SHALL OPERATE CONTINUOUSLY OVER A 24-HOUR PERIOD.
2. ALL SIGNS SHALL BE MOUNTED IN SUCH A MANNER THAT THE VERTICAL DISTANCE BETWEEN THE BOTTOM OF THE SIGN AND THE EDGE OF THE PAVEMENT SHALL BE NOT LESS THAN 5 FEET AND THE HORIZONTAL DISTANCE FROM THE PAVEMENT EDGE TO THE EDGE OF SIGN SHALL NOT BE LESS THAN 12 FEET (R/W PERMITTING) OR 6 FEET FROM THE EDGE OF A PAVED SHOULDER.
3. IN CURBED AREAS ALL SIGNS SHALL BE MOUNTED IN SUCH A MANNER THAT THE VERTICAL DISTANCE BETWEEN THE BOTTOM OF THE SIGN AND THE EDGE OF THE PAVEMENT SHALL BE NOT LESS THAN 7'(FEET) AND THE HORIZONTAL DISTANCE FROM THE EDGE OF PAVEMENT TO THE EDGE OF SIGN SHALL NOT BE LESS THAN 2'(FEET).
4. SIGNS AND BARRICADES ARE TO BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT SUCH POINTS AS MAY BE DESIGNATED ON THE PLANS OR BY THE ENGINEER.
5. THE INDIANA STATE HIGHWAY COMMISSION WILL DESIGNATE THE DETOUR ROUTE AND WILL ERECT AND MAINTAIN DIRECTION SIGNS AROUND THE DETOUR. IF TRAFFIC IS DETOURED IN ADVANCE OF THE FIRST TYPE III BARRICADE, THE INDIANA STATE HIGHWAY COMMISION SHALL PLACE THE SIGNS, AS SHOWN, IN ADVANCE OF THE MARKED DETOUR.
6. FOR TEMPORARY LANE CLOSURE DURING DAYLIGHT HOURS CONES MAY BE USED IN LIEU OF BARRELS OR TYPE I OR II BARRICADES. THE CONES SHALL BE A MINIMUM OF 28"(INCHES) IN HEIGHT WITH BALLAST IN THE BOTTOM OR OTHER APPROVED DEVICE TO PREVENT TIPPING.
7. SIGNS ARE TO BE MOUNTED ON TYPICAL SIGN STANDARDS OR ON POSTS AS INDICATED ON DETOUR SHEET No.5. and 5A
8. ALL DRUMS AND BARRICADES ARE TO BE REFLECTORIZED BY USING REFLECTIVE SHEETING, AS SPECIFIED IN THE CURRENT "INDIANA STATE HIGHWAY STANDARD SPECIFICATIONS" THE ORANGE SHALL BE ENCAPSULATED LENS(HIGH INTENSITY) REFLECTIVE SHEETING AND THE WHITE SHALL BE ENCLOSED LENS REFLECTIVE SHEETING (ENGINEER GRADE)
9. BARRICADE TYPE V SHALL NOT BE PAID FOR WHEN USED IN CONJUNCTION WITH BARRICADE TYPE III, BUT SHALL BE INCLUDED IN THE COST OF THE BARRICADE.
10. TWO TYPE II HIGH INTENSITY YELLOW FLASHING WARNING LIGHTS SHALL BE MOUNTED ABOVE THE "ROAD CLOSED" SIGN



METHOD OF MARKING DETOUR -URBAN-



LEGEND

- Type III Barricade
- Drum or Barricades Type I or II with Steady Burning Light (Type "C")
- Delineator Type D-2 (Yellow)
- Low Intensity Flashing Yellow Light (Type "A")
- Drum or Barricades Type I or II with low Intensity Flashing Yellow Light (Type "A")
- Barricade Type V - With Two High Intensity Flashing Yellow Lights (Type "B") - see "STANDARD DETOUR" Sheet No. 2A
- Flagman

REVISIONS	
DATE	REMARKS
10-28-75	NOTES NO. 6 AND 7
3-1-76	LEGEND ● ▲ ⋈
6-1-76	New M.U.T.C.D.
7-1-76	New M.U.T.C.D.
12-1-76	XR-2 Sign
4-1-77	NOTE 7
5-1-78	NOTE 6
8-1-79	NOTE Ⓐ

STANDARD DETOUR SIGNS
STATE OF INDIANA
NOVEMBER 1974

RECOMMENDED FOR APPROVAL _____ ENGINEER OF TRAFFIC DESIGN & CONSTRUCTION

APPROVED _____ CHIEF, DIVISION OF TRAFFIC

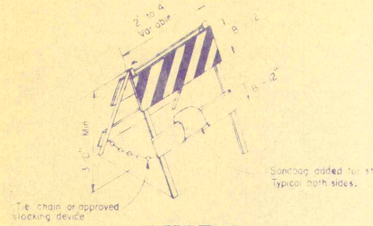
APPROVED _____ CHIEF, HIGHWAY ENGINEER

REVISIONS	
DATE	COMMENTS
5-1-80	CONE SIZE (NOTE 6)

SHEET 2. DETOURS

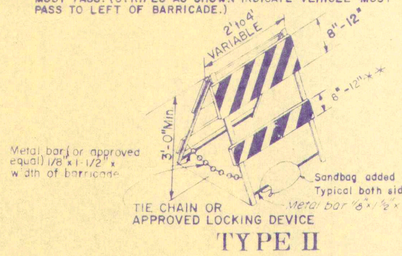
DECEMBER 1980

SHEET 85



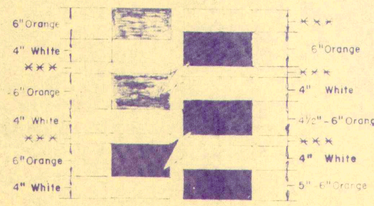
TYPE I

NOTE:
STRIPES SHALL SLOPE DOWNWARD TOWARDS THAT SIDE OF THE BARRICADE ON WHICH THE APPROACHING VEHICLE MUST PASS. (STRIPES AS SHOWN INDICATE VEHICLE MUST PASS TO LEFT OF BARRICADE.)



TYPE II

** BARRICADE TYPE II WITH A NON-STANDARD BOTTOM RAIL MAY BE CONSIDERED AS A BARRICADE TYPE I.

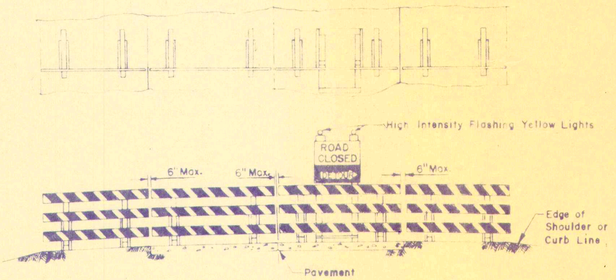


STANDARD DRUM

THE PREDOMINANT COLOR ON DRUMS SHALL BE ORANGE WITH AT LEAST TWO HORIZONTAL CIRCUMFERENTIAL WHITE STRIPES 4" TO 8" WIDE. DRUMS SHALL BE REFLECTORIZED. FOR USE AT NIGHT AND ADJUSTMENT DUE TO ODD SIZE DRUMS SHOULD BE DIVIDED BETWEEN THE UPPER AND LOWER STRIPES. THE WIDTH OF THE REFLECTIVE STRIPES SHOULD BE ADJUSTED TO PERMIT THE STRIPES TO BE PLACED ON FLAT SURFACES BETWEEN THE RAISED RIDGES IN AN ALTERNATING COLOR PATTERN. THIS WILL NORMALLY REQUIRE USE OF 4" TO 8" STRIPES. USE OF REFLECTIVE MATERIAL WILL NOT BE REQUIRED ON THE RAISED RIDGES OR ON FLAT SURFACES LESS THAN 2"(INCHES) WIDE. THE RAISED RIDGES AND SURFACES LESS THAN 2"(INCHES) IN WIDTH MAY BE PAINTED BLACK OR OTHER SUITABLE COLOR

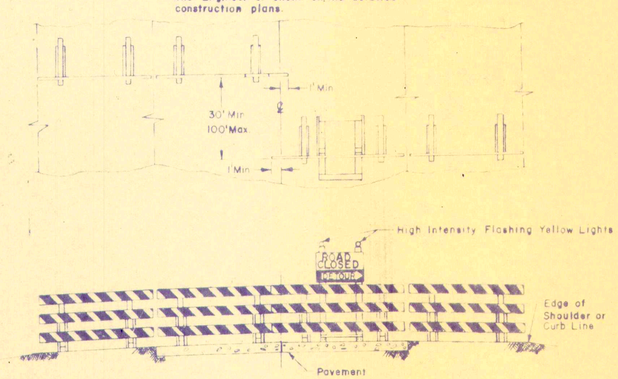
*** PAINTED BLACK OR OTHER SUITABLE COLOR.

TYPICAL APPLICATIONS OF TYPE III-B BARRICADES



ROAD CLOSED TO ALL TRAFFIC

The Barricade shall be to the edge of the shoulders except when otherwise directed by the Engineer or shown on the detailed construction plans.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of barricades. The barricades shall be to the edge of the shoulders, except when otherwise directed by the Engineer or shown on the detailed construction plans.

NOTES:

1.- The only color combination that be permitted on Barricades and Drums is White and Orange. The Orange shall be Encapsulated Lens (High Intensity) Reflective Sheeting and the White shall be Enclosed Lens Reflective Sheeting (Engineer Grade).

2.- For Installation of Barricades See Detour Sign Sheet No.2

3.- Barricade Type III-B shall be paid for at the Contract Unit Price per each for each 12'(foot) section used.

4.- The (P.C.S.S.) shall not be paid for when used in conjunction with Barricade Type III A, but shall be included in the cost of the barricade.

5.- The (P.C.S.S.) shall be paid for at the Contract Unit Price per each when used in conjunction with the Barricade Type III-B

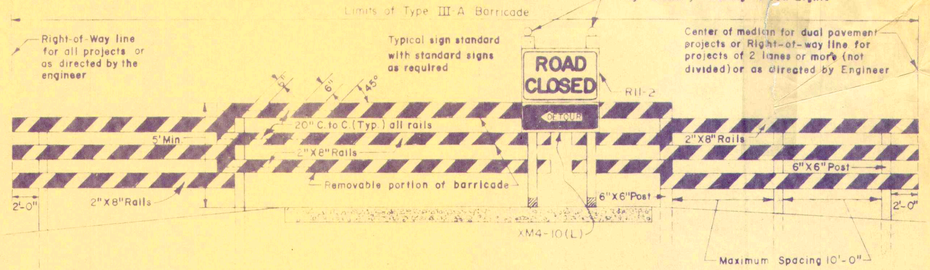
6.- Wood materials are to be untreated "Dimension Lumber" in accordance with the STANDARD SPECIFICATIONS

7.- Typical Sign STANDARD shall be constructed same as that shown for the (P.C.S.S.) with the exception of the signs and Strap Iron brackets.

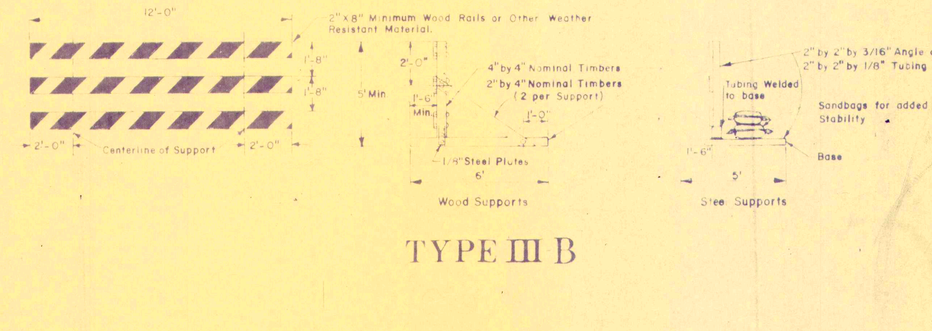
8.- The width of stripes on all Barricades shall be 6" or as shown and slope downward at a 45° angle toward that side of barricade on which the approaching vehicle must pass. If the barricade is less than 3 feet in length the width of the stripes shall be 4"

9.- For Type III-A & III-B Barricades the stripes should slope downward in the direction toward which traffic must turn in Detouring, and where both Right and Left turns are provided for, the chevron stripping should slope downward in both directions from the center of the Barricade.

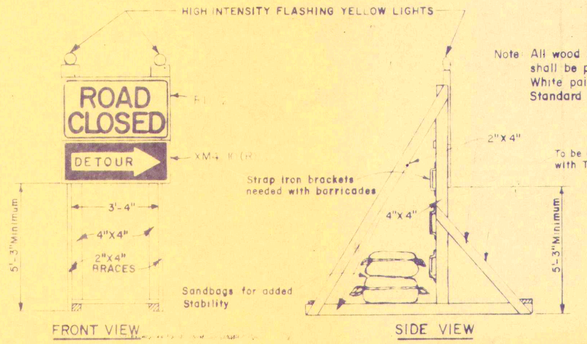
STANDARD CONE



TYPE III-A



TYPE III B



Note: All wood posts and support members shall be painted with two(2) coats of White paint in accordance with Standard Specifications.

DETAIL OF PORTABLE CONSTRUCTION SIGN SUPPORT (P.C.S.S.)

STANDARD BARRICADES

REVISIONS	
DATE	REMARKS
AUG '75	BARRICADE MATERIAL
	BARRICADE TYPE III-B
	BARRICADE TYPE III-A
3-1-76	BARRICADE TYPE III, NOTE AND DRW.
6-1-76	NEW M.U.T.C.D.
4-1-77	NOTE 1

STANDARD DETOUR SIGNS
STATE OF INDIANA
NOVEMBER 1974

RECOMMENDED FOR APPROVAL _____ ENGINEER OF TRAFFIC DESIGN & CONSTRUCTION

APPROVED _____ CHIEF DIVISION OF TRAFFIC

APPROVED _____ CHIEF HIGHWAY ENGINEER

Revisions	
8-79	Sandbag (Metal bar) on Type II, Stripes
8-5-8	Bottom Type 2 NEW M.U.T.C.D.

SHEET 2A DETOURS

Sheet No. 86

63A

XW-1
48" X 48"
XW-1A
72" X 72"

XW-2
48"X48"

XW-3
48"X48"

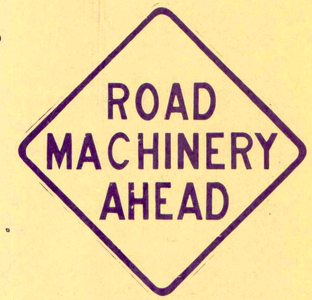
XW-4
48"X48"

XW-5
R & L
48"X48"

XW-7
48" X 48"

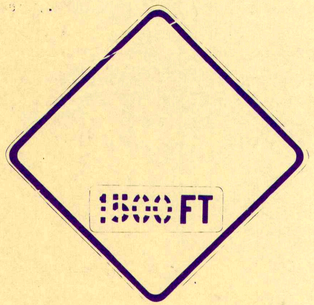
XW-8A
36"X 36"

XW-9
30" x 30"
XW-9A
36" x 36"

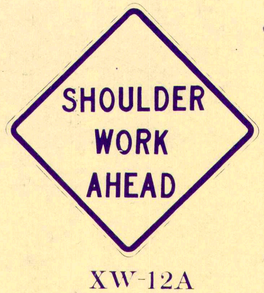


XW-10A
48"X 48"

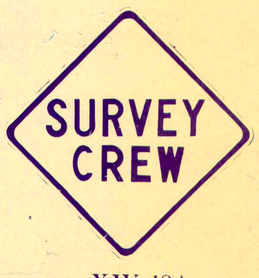
XW-11A
48"X48"



NOTE:
28"X10" METAL PLATE, COVERED WITH FEDERAL ORANGE REFLECTIVE MATERIAL WITH BLACK NUMERALS DESIGNATING PREDETERMINED DISTANCE, MAY BE ATTACHED OVER THE WORD "AHEAD". TO MORE SPECIFICALLY LOCATE THE SUBJECT HAZARD.



XW-12A
36"X 36"

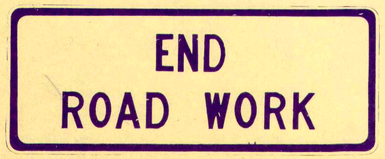


XW-13A
36"X36"

XW-63
48x48"

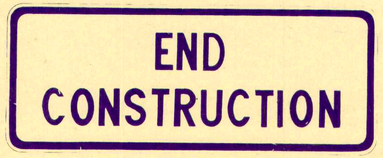
XM-4
36" X 18"

XM-1
60"X36"

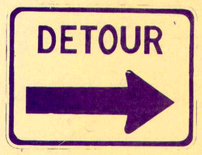


XM-3A
60" X 24"

R-34A
24" x 30"
R-34B
36" x 48"



XM-2
60"X24"



XM-120
30" x 24"
XM-120A
60" x 48"

XM-20A
48"X 18"
R or L

XR-1
48" X 30"

XR-2
60"X 30"

NOTES:

1. DESIGN DETAILS OF ALL SIGNS WILL BE FURNISHED ON WRITTEN REQUEST. THE BACKGROUND FOR WARNING AND GUIDE SIGNS, (XW AND XM SERIES) SHALL BE FEDERAL ORANGE. THE BACKGROUND FOR ALL OTHER SIGNS SHOWN (R-34A, XR-1, AND XR-2) SHALL BE WHITE. ALL LETTERING AND BORDERS SHALL BE BLACK, NEATLY DONE, AND OF THE SIZE AND TYPE SPECIFIED.
2. ALL SIGNS ARE TO BE REFLECTORIZED BY USING REFLECTIVE SHEETING, AS SPECIFIED IN "INDIANA STANDARD SPECIFICATIONS", APPLIED TO THE ENTIRE BACKGROUND AREA OF THE SIGNS. THE REFLECTIVE SHEETING SHALL BE OF THE COLOR INDICATED IN THE DESIGN DETAILS.
3. ALL SIGNS SHALL BE MOUNTED IN SUCH A MANNER THAT THE VERTICAL DISTANCE BETWEEN THE BOTTOM OF THE SIGN AND THE EDGE OF THE PAVEMENT SHALL BE NOT LESS THAN 5 FEET AND THE HORIZONTAL DISTANCE FROM THE EDGE OF PAV'T TO THE EDGE OF SIGN SHALL NOT BE LESS THAN 12 FEET (R/W PERMITTING) OR 6 FEET FROM THE EDGE OF A PAVED SHOULDER.
4. SIGN NO. XW-10A SHALL BE PLACED AS DIRECTED BY THE ENGINEER WHERE ROAD MACHINERY IS OPERATING ON OR ACROSS PAVEMENT OPEN TO TRAFFIC, ALL AS PROVIDED BY THE SPECIFICATION.
5. THE FOLLOWING SIGNS XW-7, XW-8, XW-9, XW-10A AND XW-13 SHALL BE REMOVED, COVERED OR TURNED TO FACE AWAY FROM THE ROADWAY DURING NON-WORKING HOURS ALL OTHER SIGNS SHALL BE REMOVED, COVERED OR TURNED TO FACE AWAY FROM THE ROADWAY WHEN THE MESSAGE IS NOT APPLICABLE.
6. SIGNS CAN BE ORDERED TO READ, 500FT, 1000FT. OR 1500 FT, IN PLACE OF THE WORD "AHEAD". THESE SIGNS CAN BE USED IN PLACE OF OR IN CONJUNCTION WITH SIGNS XW-1, 2, 3, 4, 5, 6, & 7.

STANDARD DETOUR SIGNS
STATE OF INDIANA
APRIL 1972

RECOMMENDED FOR APPROVAL _____ ENGINEER OF TRAFFIC

APPROVED Evanston A. Abrams 5/5/72 CHIEF - DIVISION OF TRAFFIC

APPROVED _____ CHIEF HIGHWAY ENGINEER

REVISIONS
10-1-72 XW-16-3A
4-27-73 G.N.S.

SHEET 3 DETOURS

SHEET 87 64