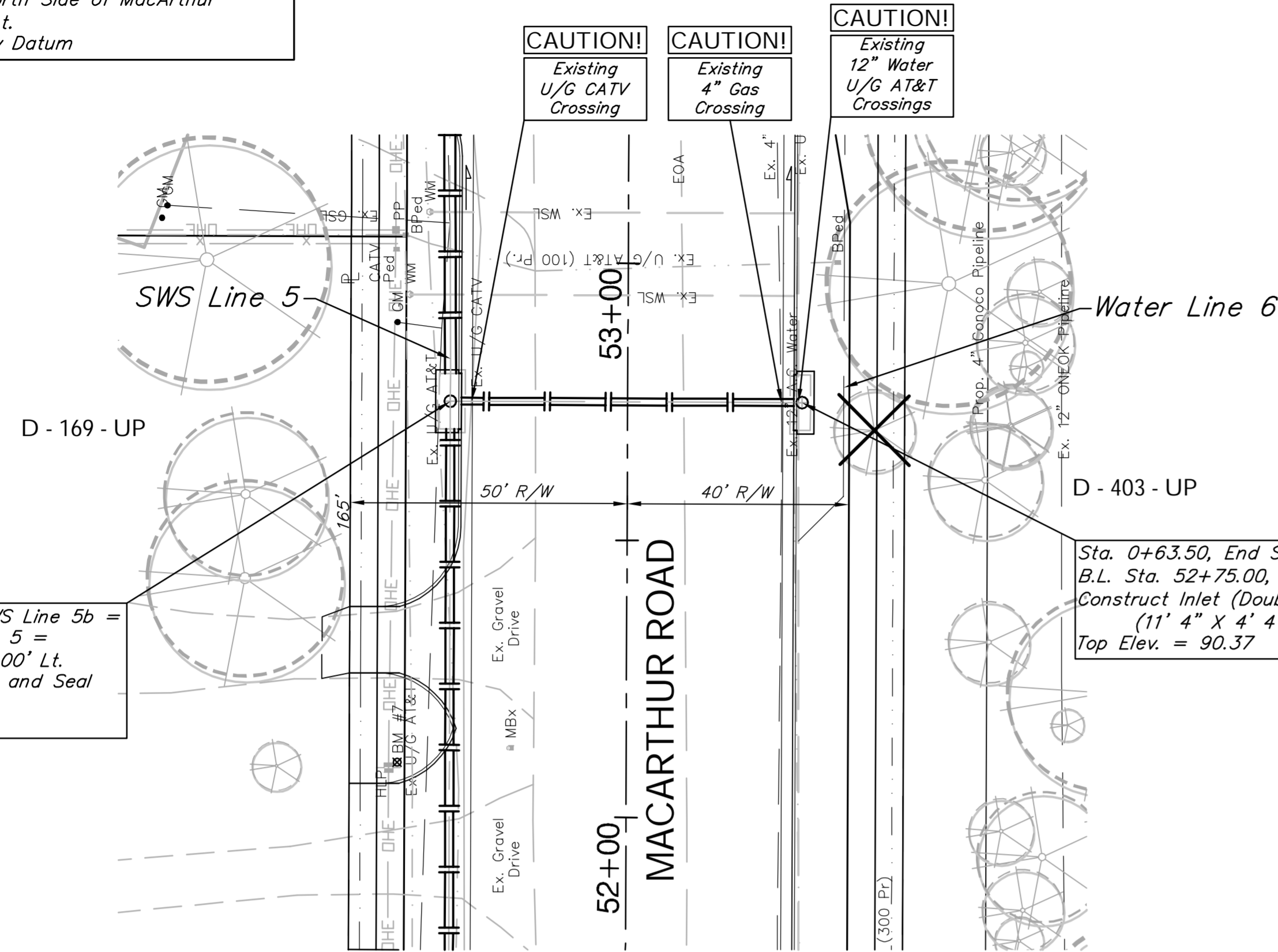


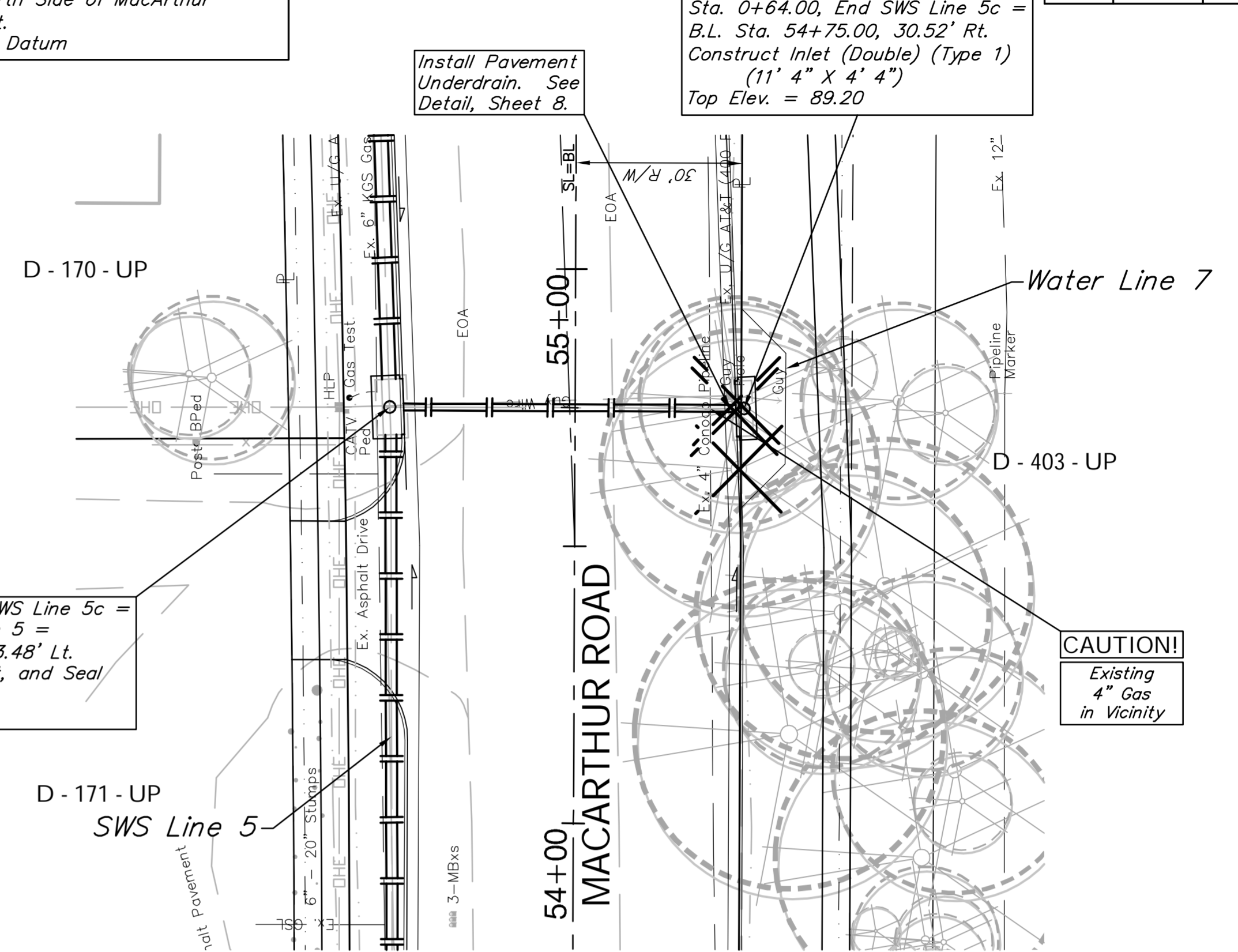
BENCHMARK:
 BM #7 - Railroad Spike in the Third High Line Pole East
 of Fern on the North Side of MacArthur
 Sta. 52+09, 4.3' Lt.
 Elev. = 94.52 City Datum



Sta. 0+00.00, Begin SWS Line 5b =
 Sta. 6+88.00, SWS Line 5 =
 B.L. Sta. 52+75.00, 32.00' Lt.
 Connect to Inlet, Grout, and Seal
 Tight.
 Top Elev. = 90.37

Sta. 0+63.50, End SWS Line 5b =
 B.L. Sta. 52+75.00, 31.50' Rt.
 Construct Inlet (Double) (Type 1)
 (11' 4" X 4' 4")
 Top Elev. = 90.37

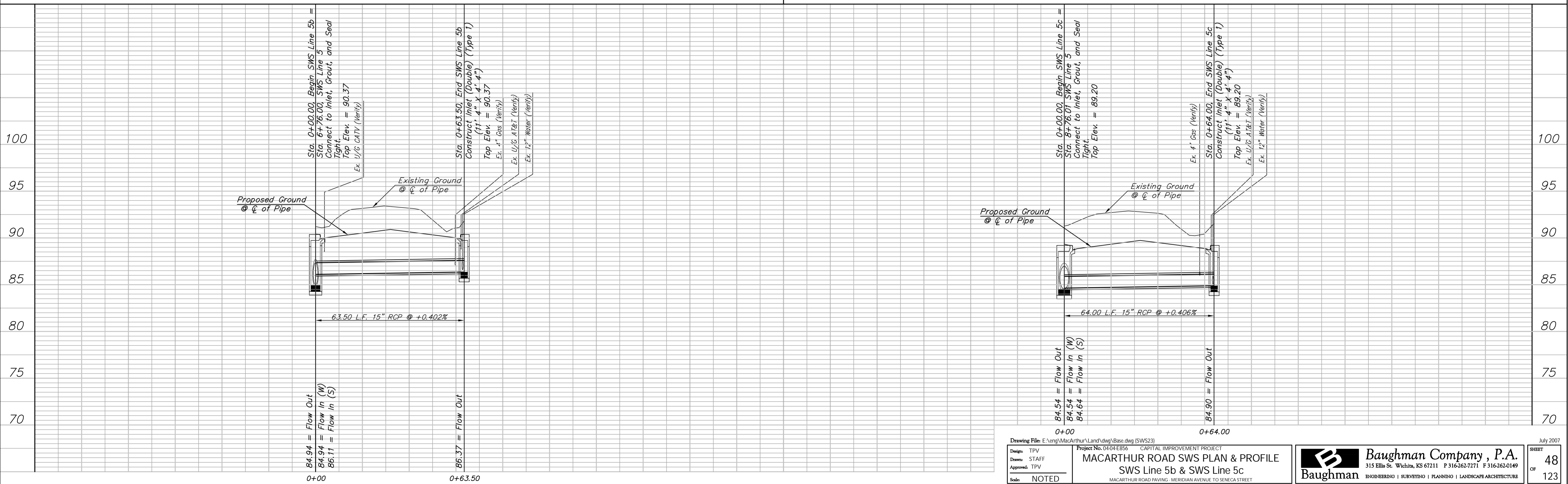
BENCHMARK:
 BM #7 - Railroad Spike in the Third High Line Pole East
 of Fern on the North Side of MacArthur
 Sta. 52+09, 4.3' Lt.
 Elev. = 94.52 City Datum



Sta. 0+00.00, Begin SWS Line 5c =
 Sta. 8+88.01 SWS Line 5 =
 B.L. Sta. 54+75.00, 33.48' Lt.
 Connect to Inlet, Grout, and Seal
 Tight.
 Top Elev. = 89.20

Sta. 0+64.00, End SWS Line 5c =
 B.L. Sta. 54+75.00, 30.52' Rt.
 Construct Inlet (Double) (Type 1)
 (11' 4" X 4' 4")
 Top Elev. = 89.20

CAUTION!
 Existing
 4" Gas
 in Vicinity



Sta. 0+00.00, Begin SWS Line 5b =
 Sta. 6+88.00, SWS Line 5 =
 Connect to Inlet, Grout, and Seal
 Tight.
 Top Elev. = 90.37
 Ex. U/G CATV (Verify)

Existing Ground @ ϕ of Pipe

Proposed Ground @ ϕ of Pipe

63.50 L.F. 15" RCP @ +0.402%

84.94 = Flow Out
 84.94 = Flow In (W)
 86.11 = Flow In (S)

0+00

Sta. 0+63.50, End SWS Line 5b =
 Construct Inlet (Double) (Type 1)
 (11' 4" X 4' 4")
 Top Elev. = 90.37
 Ex. 4" Gas (Verify)
 Ex. U/G AT&T (Verify)
 Ex. 12" Water (Verify)

Existing Ground @ ϕ of Pipe

Proposed Ground @ ϕ of Pipe

86.37 = Flow Out

0+63.50

Sta. 0+00.00, Begin SWS Line 5c =
 Sta. 8+88.01 SWS Line 5 =
 Connect to Inlet, Grout, and Seal
 Tight.
 Top Elev. = 89.20

Existing Ground @ ϕ of Pipe

Proposed Ground @ ϕ of Pipe

64.00 L.F. 15" RCP @ +0.406%

84.54 = Flow Out
 84.54 = Flow In (W)
 84.64 = Flow In (S)

0+00

Sta. 0+64.00, End SWS Line 5c =
 Construct Inlet (Double) (Type 1)
 (11' 4" X 4' 4")
 Top Elev. = 89.20
 Ex. U/G AT&T (Verify)
 Ex. 12" Water (Verify)

Existing Ground @ ϕ of Pipe

Proposed Ground @ ϕ of Pipe

84.90 = Flow Out

0+64.00

Drawing File: E:\eng\MacArthur\Land\dwg\Bse.dwg (SWS23)

Project No. 0404E856 CAPITAL IMPROVEMENT PROJECT
MACARTHUR ROAD SWS PLAN & PROFILE
 SWS Line 5b & SWS Line 5c
 MACARTHUR ROAD PAVING - MERIDIAN AVENUE TO SENECA STREET

Baughman Company, P.A.
 315 Ellis St., Wichita, KS 67211 P 316-262-7271 F 316-262-0149
 ENDSERVICES | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

July 2007
 SHEET
 OF 48
 123

FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0347-01	2007	48	123