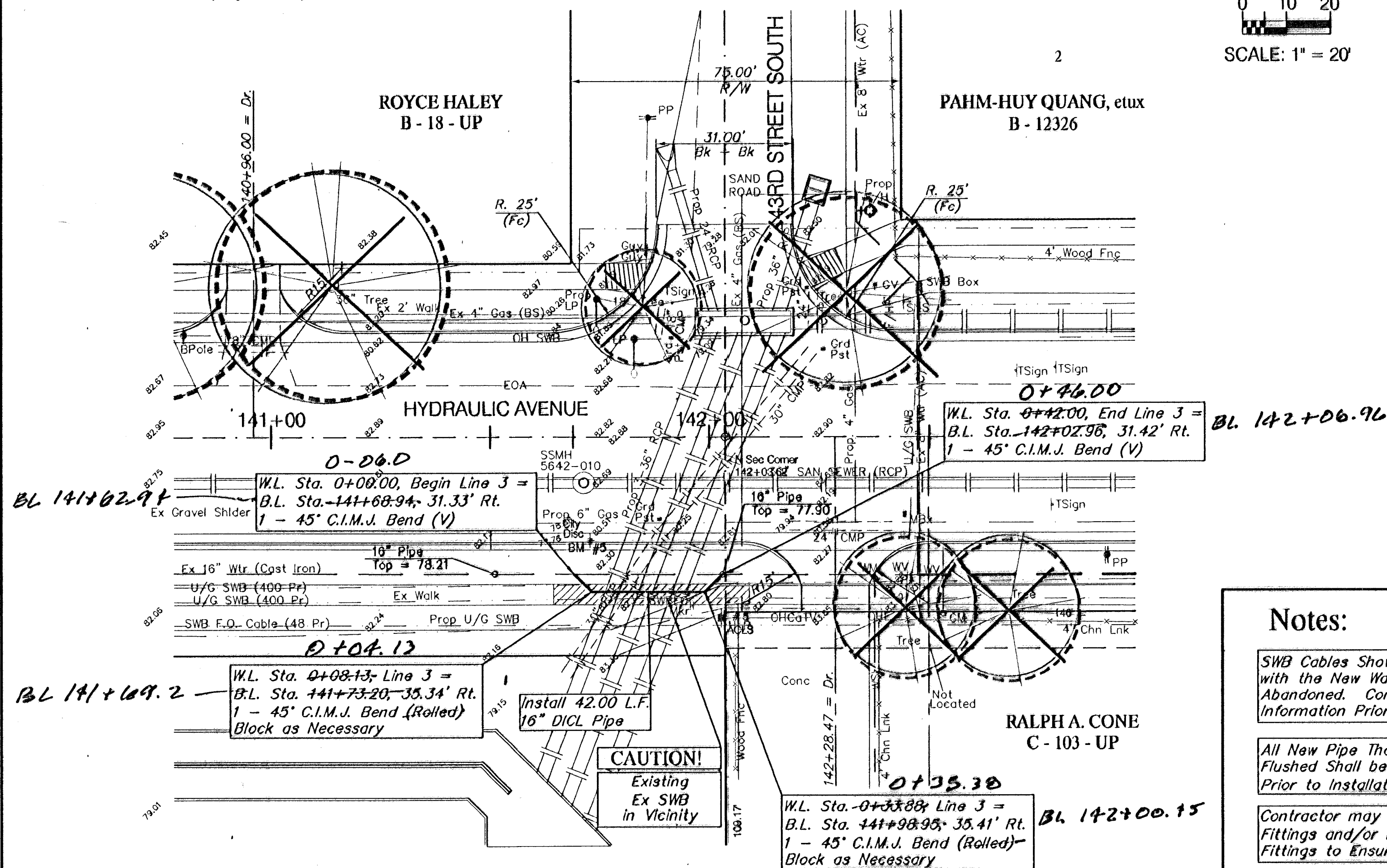


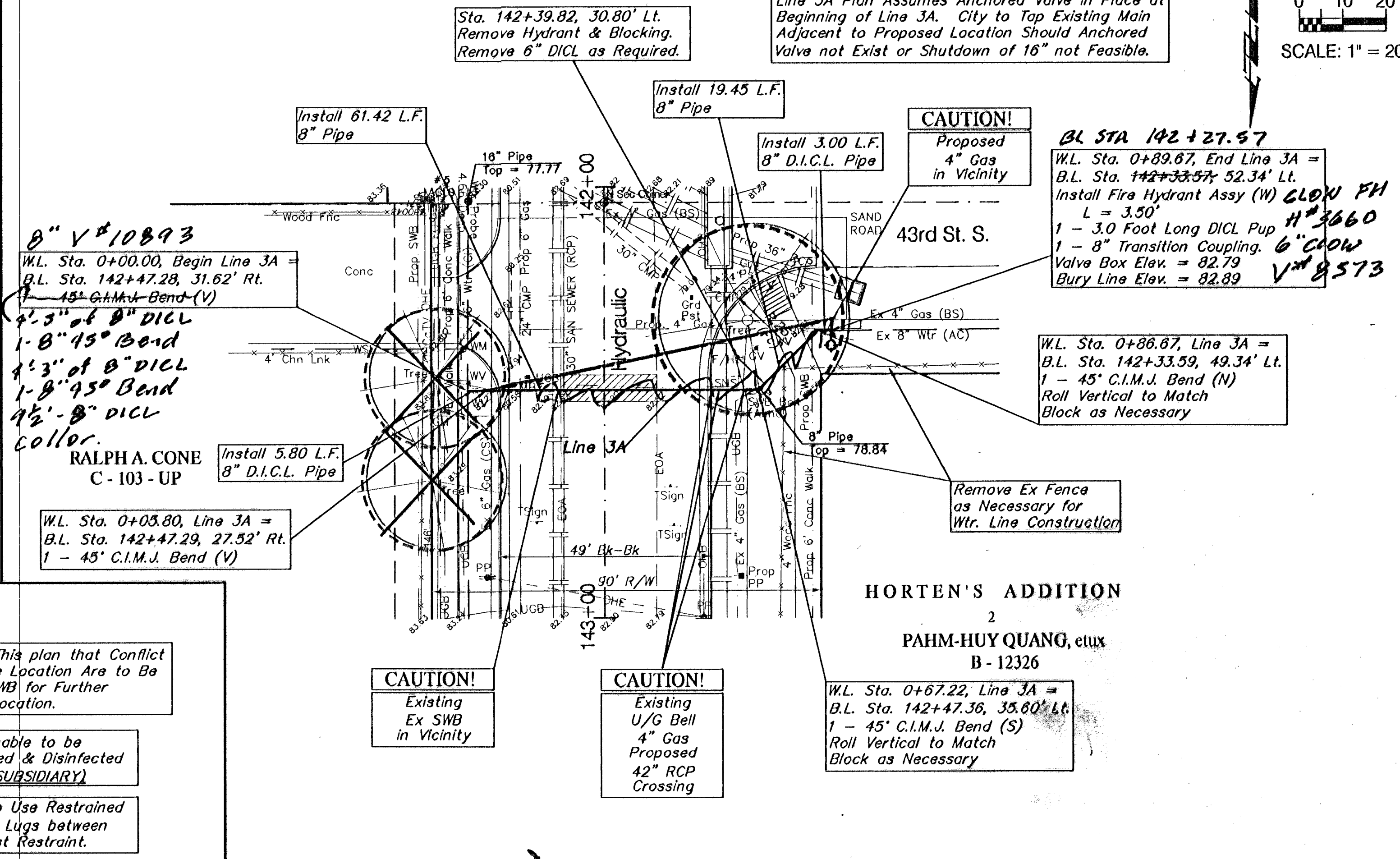
# BENCHMARK:

BM #5 - City of Wichita Bench Mark Disc, 35' South and 25' East of Centerlines Hydraulic and 43rd St. South.  
Sta. 141+72.24, 25' Rt.  
Elev. = 82.13 (City Datum)



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Elev. = 82.13 (City Datum)



## Notes:

SWB Cables Shown on This plan that Conflict with the New Water Line Location Are to Be Abandoned. Contact SWB for Further Information Prior to Relocation.

All New Pipe That is Unable to be Flushed Shall be Swabbed & Disinfected Prior to Installation. (SUBSIDIARY)

Contractor may Elect to Use Restrained Fittings and/or Rods & Lugs between Fittings to Ensure Thrust Restraint.

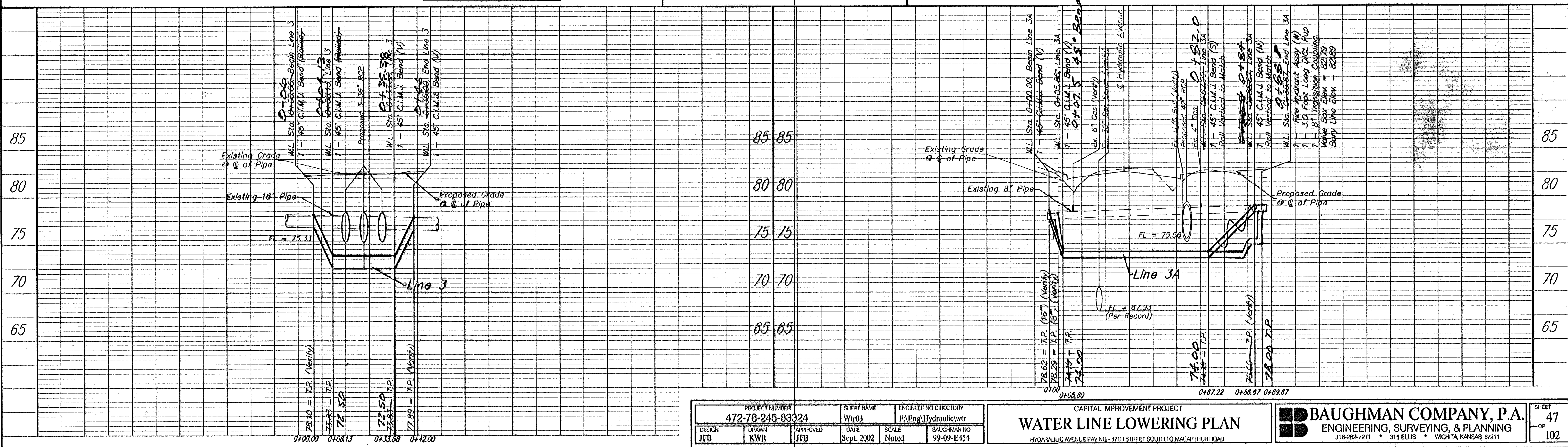
## Notes:

Line 3A Plan Assumes Anchored Valve in Place at Beginning of Line 3A. City to Top Existing Main Adjacent to Proposed Location Should Anchored Valve not Exist or Shutdown of 16" not Feasible.

BL STA 142+27.57  
W.L. Sta. 0+89.67, End Line 3A =  
B.L. Sta. 142+33.57, 52.34' Lt.  
Install Fire Hydrant Assy (W) 6" CW  
L = 3.50'  
1 - 3.0 Foot Long D.I.C.L. Pup  
1 - 8" Transition Coupling  
Valve Box Elev. = 82.79  
Bury Line Elev. = 82.89

W.L. Sta. 0+86.67, Line 3A =  
B.L. Sta. 142+33.59, 49.34' Lt.  
1 - 45' C.I.M.J. Bend (N)  
Roll Vertical to Match  
Block as Necessary

W.L. Sta. 0+67.22, Line 3A =  
B.L. Sta. 142+47.36, 35.80' Lt.  
1 - 45' C.I.M.J. Bend (S)  
Roll Vertical to Match  
Block as Necessary



|                                    |                     |                                             |
|------------------------------------|---------------------|---------------------------------------------|
| PROJECT NUMBER<br>472-78-245-83324 | SHEET NAME<br>Wtr03 | ENGINEERING DIRECTORY<br>PAEngUHydraulicWtr |
| DESIGN<br>JFB                      | DRAWN<br>KWR        | APPROVED<br>JFB                             |
| DATE<br>Sept. 2002                 | SCALE<br>Noted      | BAUGHMAN NO<br>99-09-E454                   |

CAPITAL IMPROVEMENT PROJECT  
**WATER LINE LOWERING PLAN**  
HYDRAULIC AVENUE PAVING - 47TH STREET SOUTH TO MACARTHUR ROAD

**BAUGHMAN COMPANY, P.A.**  
ENGINEERING, SURVEYING, & PLANNING  
318-262-7271 • 319 ELLIS • WICHITA, KANSAS 67211

SHEET  
47  
OF  
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