

FL100
Sta. 0+00.00, Fireline 1
City Forces To Install 6"x6" Tapping Sleeve (W)
Install Fire Hydrant Assembly (W) (L=5')
Bury Line Elevation=1342.25
Top Of Valve Box=1342.25
Top Of Pipe=1338.33 1336.66
Contractor Must Use Anchored Coupling Between
Valve And 90° Bend
Existing 6" Water Main Depth Assumed
To Be .48' Below Existing Ground
Contractor To Verify Depth And Notify
Engineer If Conditions Vary From Those Shown
See Sheet CV1.1 For Hydrant Details

68" (encountered)

American Darling Fire Hydrant

NOTES:

1. Waste material will become property of Contractor and disposed of off-site.
2. The Contractor shall use Best Management Practices (BMP's) to prevent eroded soil from entering ditches, culverts, and drainage areas. Standard details for erosion BMP's are available from the Engineer. The Contractor shall follow the intent of the BMP's, which act as a guideline.
3. The Contractor will be required to provide a minimum of Seventy-Two (72) hours advanced notice to Kansas One Call (1-800-344-7231) and all utility owners within the project prior to the beginning of construction and request that any existing lines be flagged.
4. All adjacent buildings, structures, parking lots, drives, street pavements, utility lines, utility structures and appurtenances other than shown for replacement shall be protected from damage during construction of the project. Items damaged beyond the limits shown on the drawings shall be removed and replaced by the Contractor at no additional cost to the Owner.
5. The Contractor shall promptly, and before such conditions are disturbed, notify the Engineer if conditions on the site differ from those shown on the plans.
6. The Contractor shall comply with all applicable safety regulations, insuring the safety of personnel directly involved with the project and insuring the safety of the public shall be the Contractor's responsibility. Contractor shall use barricades and construction fence to protect the work area from pedestrian traffic.
7. Survey stakes, bench marks, and property pins destroyed by the Contractor will be replaced at the Contractor's expense.
8. All construction shall comply with City of Wichita Standard Specifications except where special provisions override.
9. The Contractor shall field verify all utility depths prior to construction and shall notify the Engineer of any conflicts.
10. Location of all utilities shown on the plans, reflect the best information available, consisting of both field observation and information from records of the various utility companies.
11. The topographic and boundary survey, including but not limited to property lines, legal descriptions, existing utilities, site topography including spot elevations, existing structural locations and outstanding physical features, has been provided by Alpha Land Surveys.
12. Contractor shall sod all disturbed areas not intended for pavement.
13. Contractor is responsible for obtaining an Excavation Permit from City of Andover for work with the City Right-of-Way.
14. Contractor is responsible for paying \$1,400 tapping fee to City of Wichita.
15. The constructed lengths of pipe and fire hydrant location may have to be field adjusted depending on the actual locations of the water main and 30" SWS.

VERTICAL CONTROL

Benchmark 4-B 1940 -
Reset 1947, Ngvd 1929. T27s, R3e, 74 Feet North
And 41 Feet East Of The Southwest Corner Of
Section 19. Standard Tablet In Concrete Post
Stamped "4 B 1940".
Elevation=1301.83 (NAVD88)

Site Benchmark #1 -
"X" Cut In Center Of West Side Of Inlet
Approximately 8.6 Feet South And 30.6 Feet
West Of The Northwest Corner Of Lot 2, Block 1,
Wendt Addition To The City Of Andover.
N: 1690551.4325 E: 1707224.7478
Elevation=1341.42 (NAVD88)

Site Benchmark #2 -
"X" Cut In Concrete Approximately 19.7 Feet North
And 119.8 Feet East Of The Southwest Corner Of
Lot 2, Block 1, Wendt Addition To The City Of Andover.
N: 1690397.0152 E: 1707376.7300
Elevation=1345.11 (NAVD88)

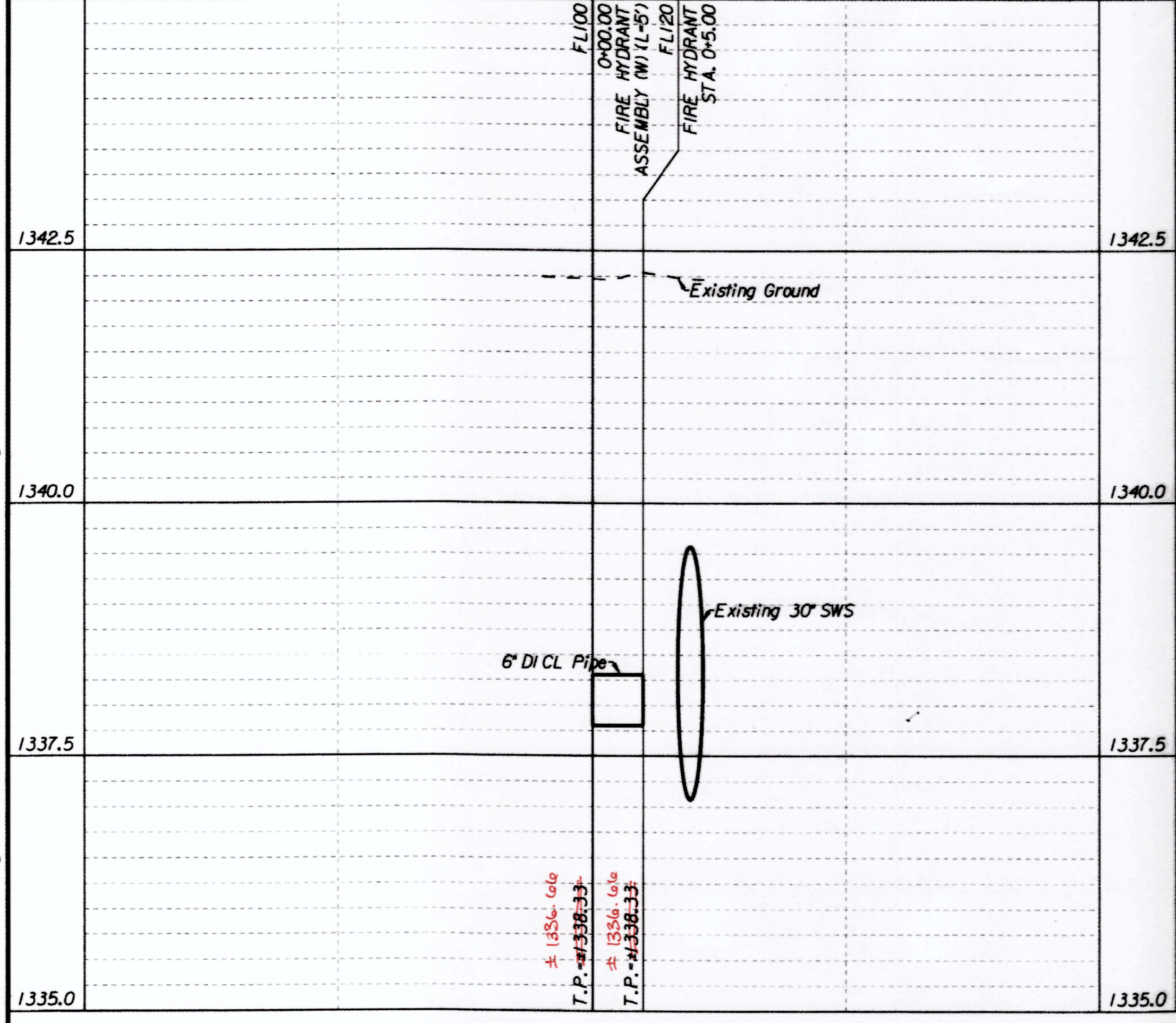
HORIZONTAL CONTROL

CP #3 -
Sw Corner Lot 2, Block 1, Wendt Addition.
Found "X" Cut In Concrete
Unknown Origin
N: 1690377.3295 E: 1707256.9420

CP #7 -
Nw Corner Lot 2, Block 1, Wendt Addition.
Found 5/8" Rebar With Plastic Cap Stamped "Goedeker"
N: 1690560.0169 E: 1707254.9981

FIRELINE POINTS

Point	North	East
FL100	1690401.3805	1707237.5947
FL110	1690401.3486	1707234.5949
FL120	1690399.3487	1707234.6162



City waterline was encountered 20" lower than anticipated and a 4" PVC telecommunications conduit was found between the water main and the 30" SWS. As a result, the fire hydrant assembly that had been ordered was too short and the new fire line could not be tapped to the west. To remedy the situation, the contractor decided to tap the fireline east and also install 2 additional 90° bends (along w/ necessary pipe) to make up the vertical distance and also position the actual hydrant per plans.

Fire hydrant passed pressure & leakage tests on March 13, 2012

APPROVED AS NOTED BY CITY ENGINEER OF WICHITA

Public Works Julianne Kallman 2-21-12
 Fire Department Rob Korman 2-21-12
 Water Utilities Doug Fally 2-21-12

NOTE TO CONTRACTORS
 Installation, inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

AS-BUILT
March 19, 2012

Contractor: Dondlinger & Sons Construction Co.
 Inspection Co.: ASM Engineering
 Inspector: BLB

CITY OF WICHITA PRIVATE PROJECT FIRE LINE TO SERVE LOT 2, BLOCK 1, WENDT ADDITION TO THE CITY OF ANDOVER 1650 PPW (607053)



Rev.	Date	Description

By:
 Date: February 17, 2012
 Designer: BLB
 Drawn By: KLH
 Revision No.

ASM Engineering Consultants, LLC
 202 E. Rhoads Ave., Suite C
 Andover, KS 67002
 Phone: (316) 260-9902
 Fax: (316) 260-9954

Client: WILLIAMS ANDOVER ACE HARDWARE
 ADDITION AND EXPANSION
 642 ANDOVER ROAD
 ANDOVER, KS 67002

FIRELINE PLAN AND PROFILE
1650 PPW (607053)

Drawing No. CV1.0
 Project No. 664