



WATER DISTRIBUTION PLANS FOR
CARGILL TRIANGLE
WICHITA, KANSAS

NOTE:
CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING WATER LINE PRIOR TO CONSTRUCTION.

STA. 10+00.00, FILTRATION FIRE RISER LINE
1-8"x8" TAPPING SLEEVE & VALVE TO BE FURNISHED & INSTALLED BY C.O.W. WATER DEPARTMENT.
CONTRACTOR TO REIMBURSE CITY.
SET VALVE BOX FLUSH W/ GRADE.
N=1694990.15, E=1651171.73

STA. 10+00.00, CONTROL FIRE RISER LINE
1-8"x6" TAPPING SLEEVE & VALVE TO BE FURNISHED & INSTALLED BY C.O.W. WATER DEPARTMENT.
CONTRACTOR TO REIMBURSE CITY.
SET VALVE BOX FLUSH W/ GRADE.
N=1694930.48, E=1651172.87

STA. 10+08.51, FILTRATION FIRE RISER LINE
1-8" DIMJ 22.5° BEND
N=1694990.28, E=1651180.25

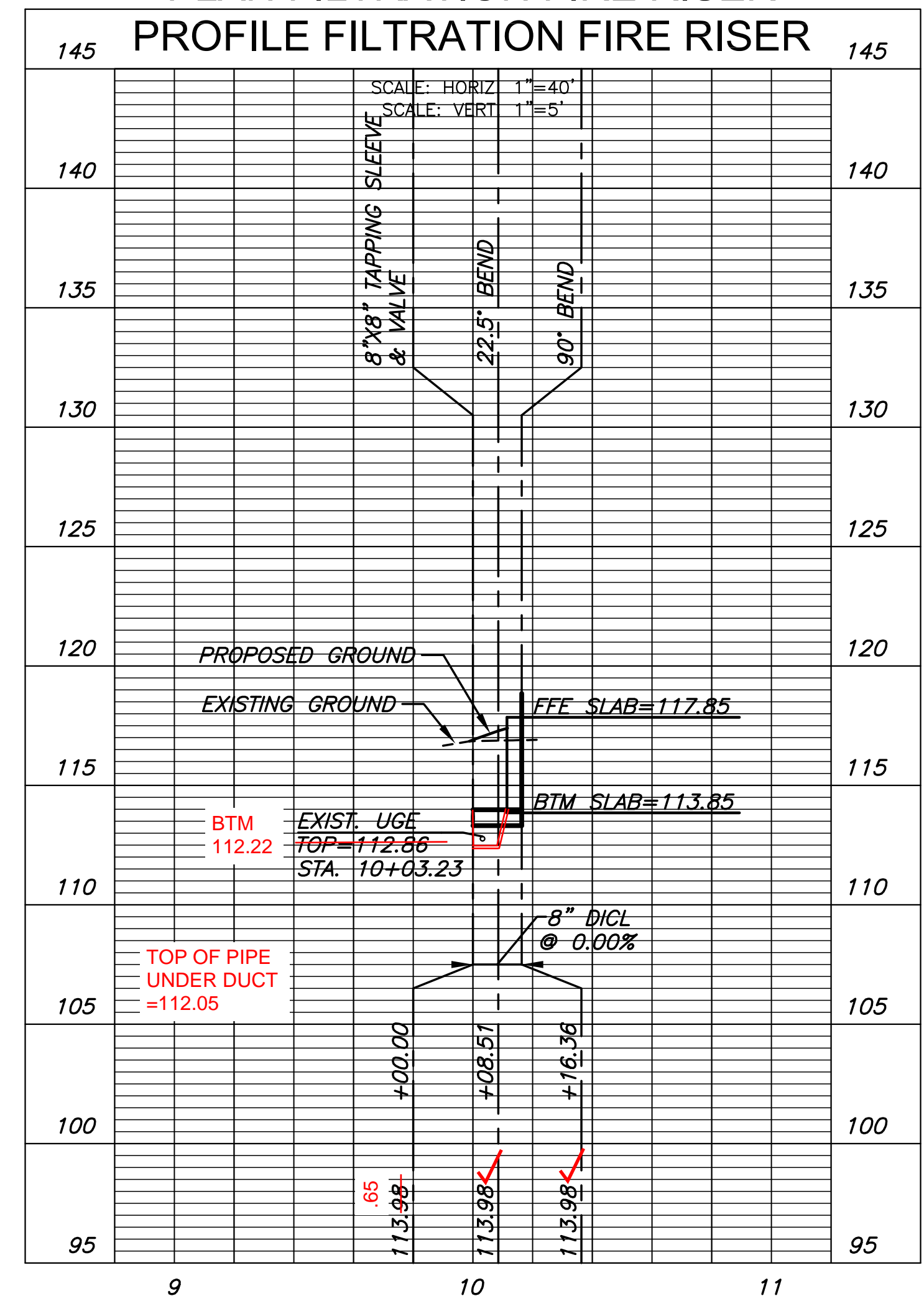
STA. 10+16.36, FILTRATION FIRE RISER LINE
1-8" DIMJ 90° VERTICAL BEND
INSTALL APPROX. 4.85' OF 8" DI CL PIPE (VERTICAL)
TOP OF FLANGE SHALL BE 1' ABOVE FLOOR @ ELEVATION 118.85 (SEE DETAIL ON THIS SHEET).
INSTALL BLIND FLANGE ON TOP OF NEW PIPE COORDINATE WITH FIRE PUMP ROOM PLANS.
N=1694987.38, E=1651187.54

CONTROL FIRE RISER LINE
STA. 10+17.58, CONTROL FIRE RISER LINE
1-6" DIMJ 22.5° BEND
N=1694930.72, E=1651190.45

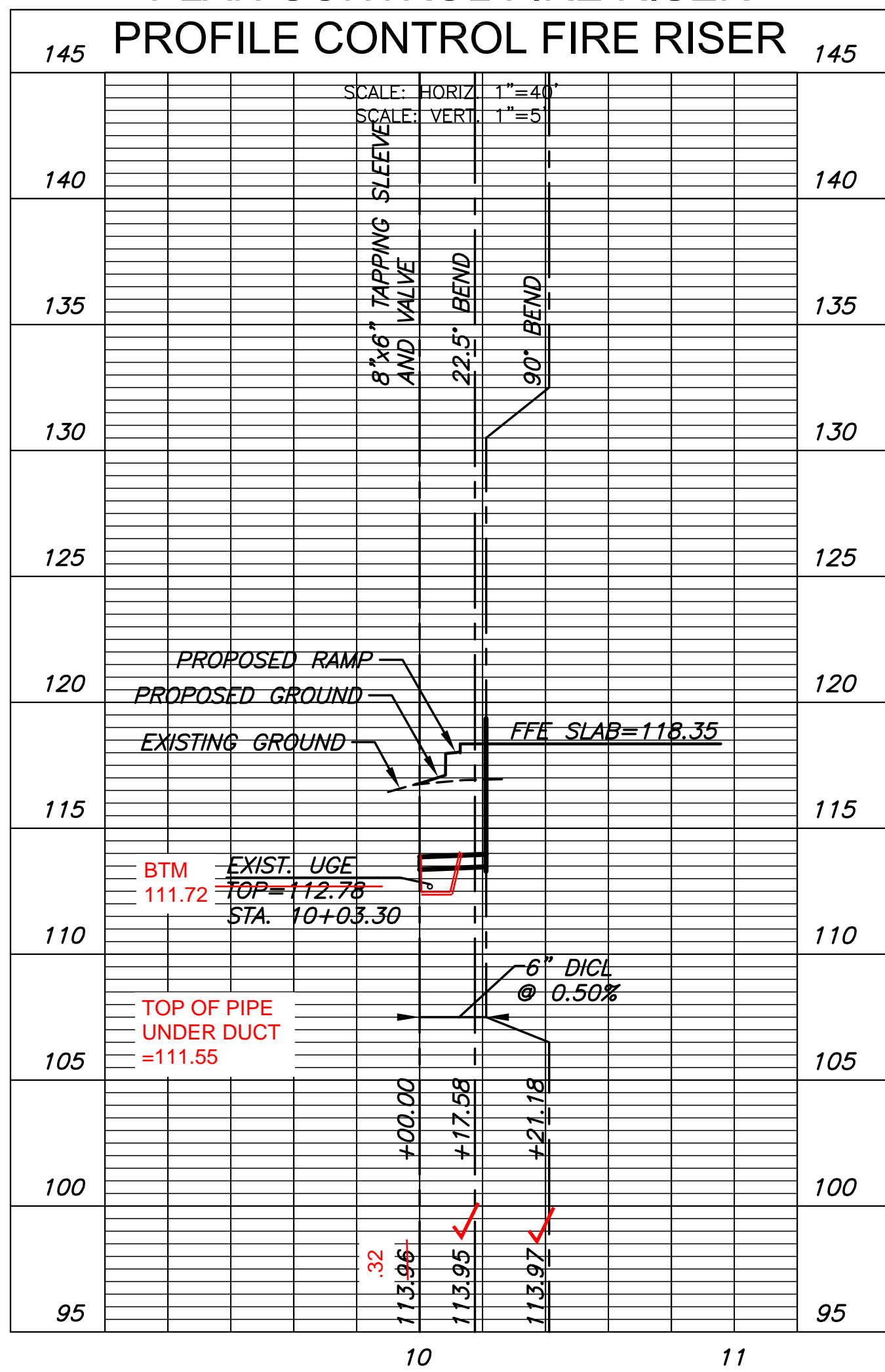
STA. 10+21.18, CONTROL FIRE RISER LINE
1-6" DIMJ 90° VERTICAL BEND
INSTALL APPROX. 5.35' OF 6" DI CL PIPE (VERTICAL)
TOP OF FLANGE SHALL BE 1' ABOVE FLOOR @ ELEVATION 119.35 (SEE DETAIL ON THIS SHEET).
INSTALL BLIND FLANGE ON TOP OF NEW PIPE COORDINATE WITH FIRE PUMP ROOM PLANS.
N=1694929.40, E=1651193.79

FILTRATION FIRE RISER LINE

PLAN FILTRATION FIRE RISER PROFILE FILTRATION FIRE RISER



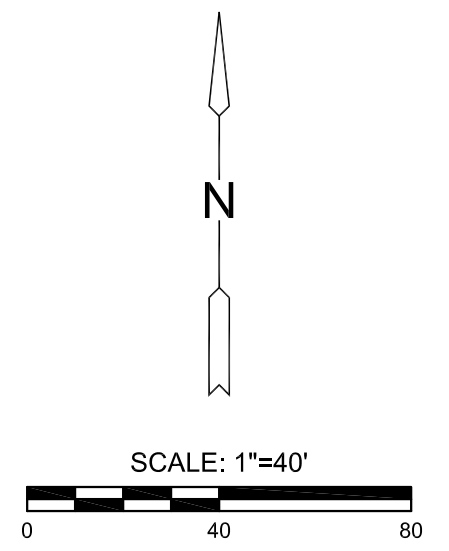
PLAN CONTROL FIRE RISER PROFILE CONTROL FIRE RISER



PAVEMENT REPAIRS:
PAVEMENT REPAIRS SHOULD BE COMPLETED WITH A PAVEMENT CUT PERMIT.

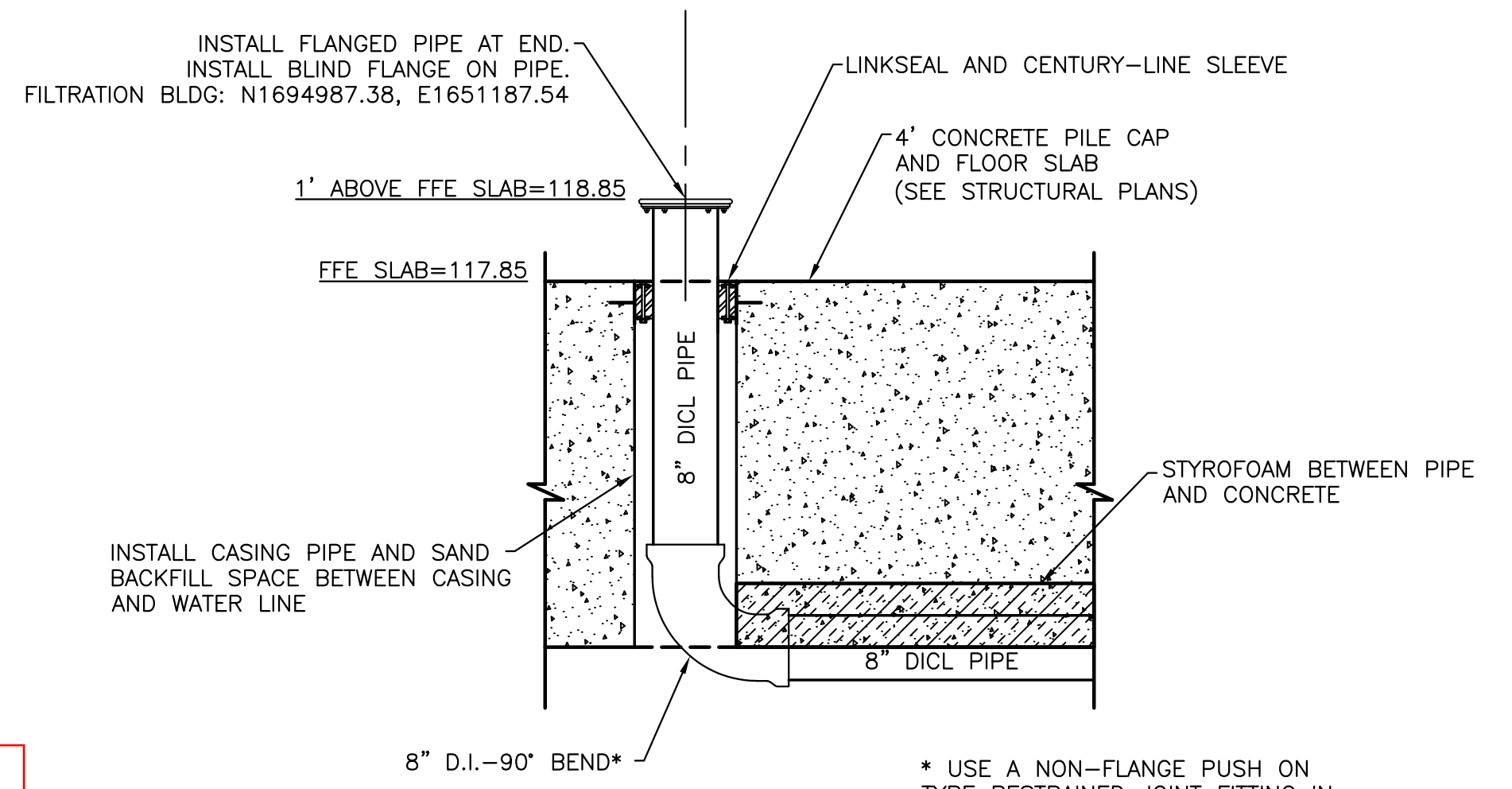
DATUM CONVERSION:
NAVD 88 DATUM
= 1188.2
CARGILL DATUM

RESTRAINED JOINT NOTE:
ALL PIPES AND FITTINGS UNDER THE PROPOSED BUILDING SLABS AND FOOTINGS SHALL HAVE RESTRAINED JOINTS.

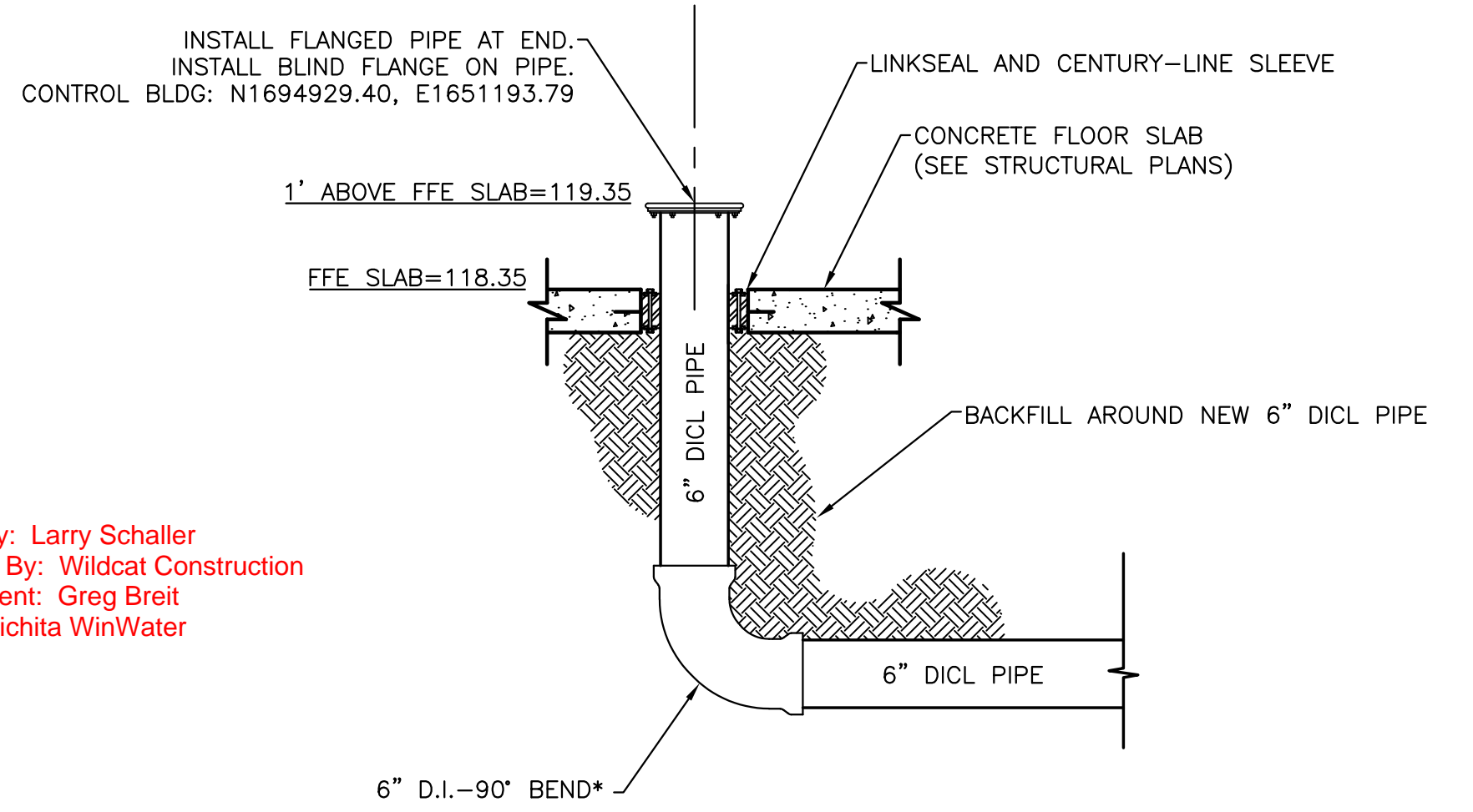


TAPPING SLEEVE TO BE MOVED NORTH OR SOUTH DEPENDING ON EXISTING PIPE JOINT LOCATION.

SEE DETAILED PIPING SKETCH_AS-BUILTS SHEET FOR FIELD MODIFICATIONS



FILTRATION ROOM FLOOR PENETRATION
SCALE: NONE



CONTROL ROOM FLOOR PENETRATION
SCALE: NONE

Inspected By: Larry Schaller
Constructed By: Wildcat Construction
Superintendent: Greg Breit
Supplier: Wichita WinWater

BACK FLOW PROTECTION/TESTING NOTE:
FIRE PROTECTION PIPING WITHIN THE CONTROL AND FILTRATION BUILDINGS MUST INCLUDE A BACKFLOW PREVENTION DEVICE.

FIRE PROTECTION LINES MUST BE PRESSURE TESTED AT 200 PSI INSTEAD OF THE TYPICAL 150 PSI.

FIRE DEPARTMENT CONNECTION NOTE:
IF FIRE DEPARTMENT CONNECTIONS(FDC) ARE REQUIRED BY THE TYPE OF FIRE SUPPRESSION SYSTEM INSTALLED IN THE CONTROL ROOM AND FILTRATION BUILDINGS, THEN THE FDC MUST BE PLACED WITH 150' OF A FIRE HYDRANT. THE SIGNAGE MUST BE MARKED WITH SIGNAGE. THE SIGNAGE MUST BE ELEVATED IF BUILDING EQUIPMENT OR FENCING OBSCURES IT.

AS-BUILT 08/13/2018

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PLAN AND PROFILES

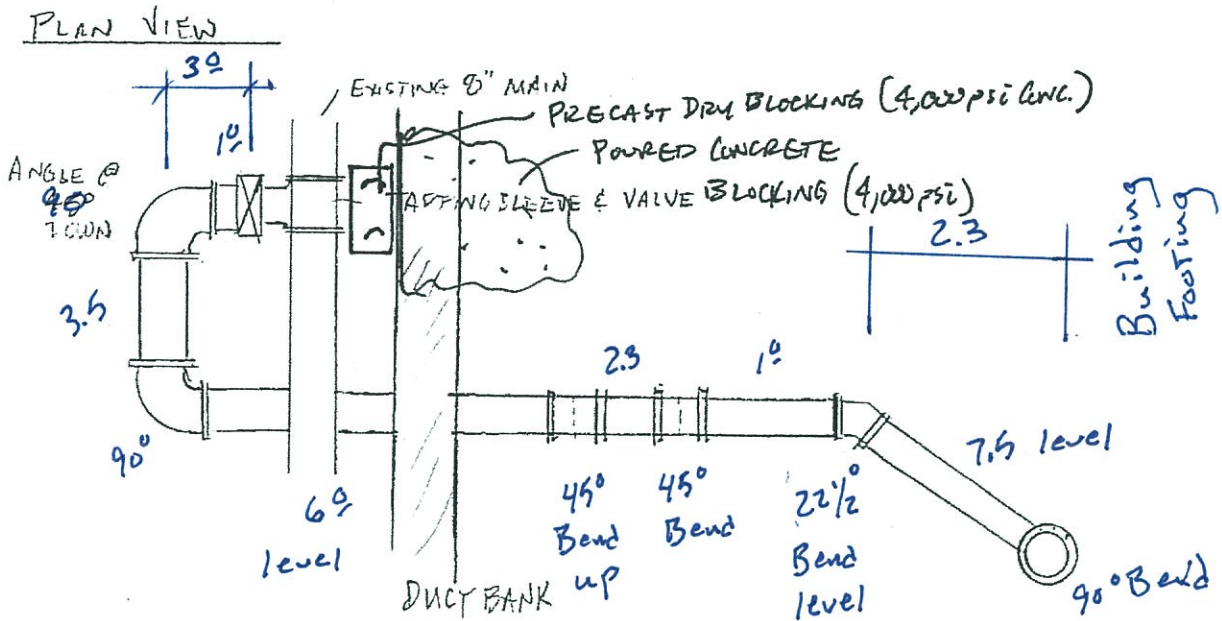
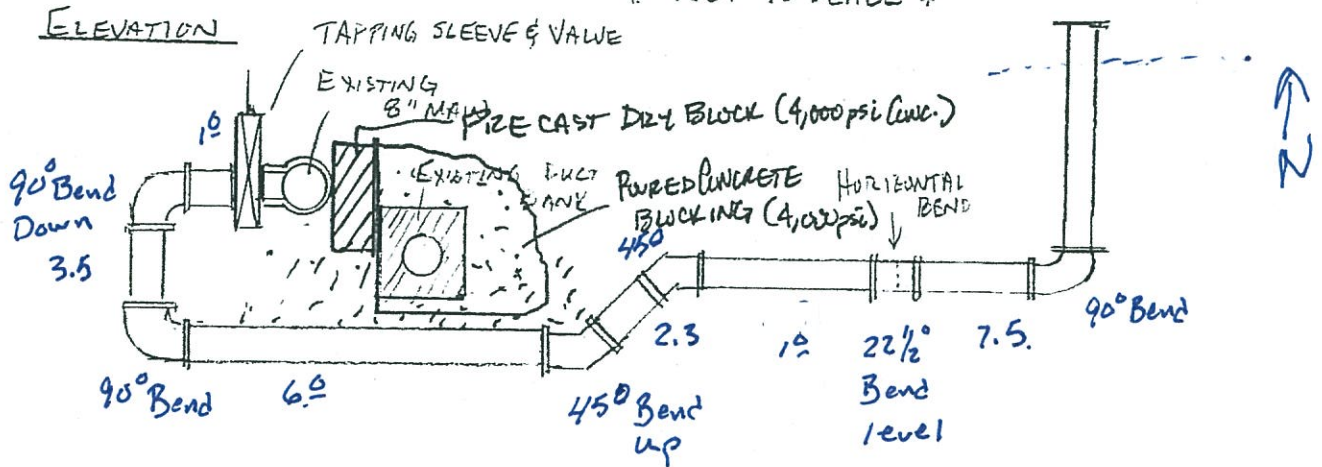
PROJECT NO.	2129PPW	
DATE	FEB. 2018	
SCALE	1"=40'	
DESIGNED	DRAWN	CHECKED
SLF	MKB	SLF
NO.	REVISION	DATE
0	IFC	03/16/18

SHEET NO.
C069-001055

K:\PROJECTS\2018\160106042_CARGILL_TRIANGLE_WICHITA_PROJECT_TRIANGLE_160402_CADD\SHOTS\06_CIVIL\UTILITY PACKAGE2_PPWC\CONTROL & FILTRATION FIRE RISER LINES.DWG

PROJECT 2129 PPW North Tap

* NOT TO SCALE *

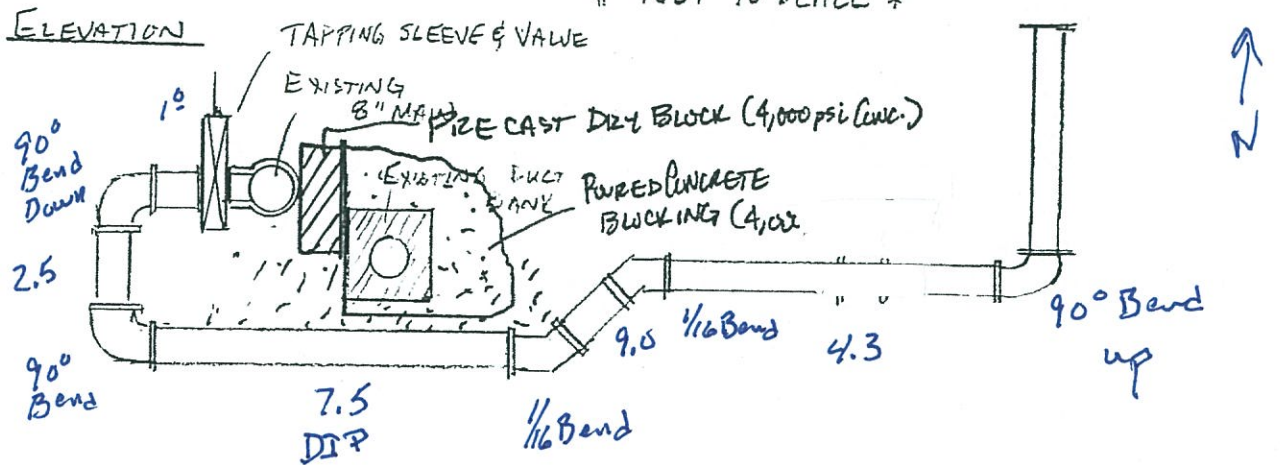


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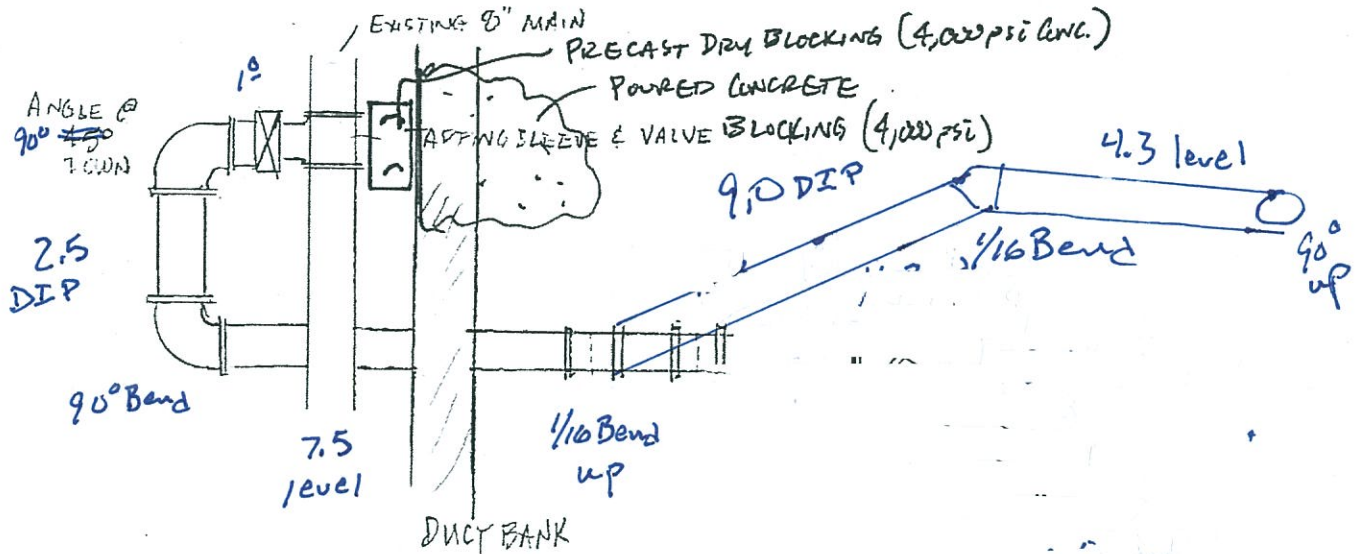
PROJECT 2129 PPW

South Tap

* NOT TO SCALE *



PLAN VIEW



Inspected By: *Larry Schaller*
Constructed By: *Wildcat Construction*
Superintendent: *Greg Breit*
Supplier: *Wichita WinWater*