(100) Sta. 0+00.00, Waterline 1
Install 12" Hot Tap with 12" Anchored Valve (S)
Install 35.55 LF 12" Pipe Restrained (S)
Connect to New 12" Valve (N)
N 1,652,189.4377
E 1,653,075.8805

12" Water Valve for shut off
is located east of Mosley St.
on north side of E. 55th St. S.

(106) Sta. 0+00.00, 4.00' Rt., Waterline 1
Install 1 - 2" Temporary Blowoff Assy.
N 1,652,189.4314
E 1,653,072.6724

(107) Sta. 0+01.00, 6.68' Lt. Waterline 1
Remove 5.00 LF Exist. 12" Pipe (SE)
Install 2 - 12" MJ Caps (NW)(SE)
Abandon Exist. 12" Pipe in Place (SE)
N 1,652,188.5932
E 1,653,082.5806

PROJECT SURVEY CONTROL & DATUM BENCHMARK

Horizonal - Kansas State Plane Coordinates
(SPCS KS-South - CAF= 1.00010583)

Vertical - BM #7011
℄ Sta. 19+81.72, 235.72' Lt.
Railroad Tie in N Face of Power Pole
N: 1,652,134.24
E: 1,652,953.17
Datum: NAVD88 - Elev.=1268.88'

SCALE
20' 0 20' 40'
PLAN: Lat. & Long.

Exist. R/W
KGS
Exist. 12" Waterline
12" WL (COW)
Exist. 60" San. Sewer
60" RCP (COW)
Exist. 60" San. Sewer MH
AT&T
S.B. I-35
N.B. I-35
13.3' Center to Center
10.0' Edge to Edge
12" Restrained Pipe
30" Steel Casing Pipe
E. 55th STREET S.
W.V.

(101) Sta. 0+35.55, Waterline 1
Install 1 - 12" 90° Bend (Restrained)(E)
Install 207.47 LF 12" Pipe (Restrained)(E)
N 1,652,153.8954
E 1,653,076.7067

(105) Sta. 2+55.86, Waterline 1
Remove 67.67 LF Exist. 12" Pipe (W)
Install 1 - 22.5° Bend (Restrained) (E)
Connect to Exist. 12" Waterline (E)
Install 1 - 12" MJ Cap (W)
Abandon Exist. 12" pipe in Place (W)
N 1,652,153.6680
E 1,653,295.9224

12" Water Valve for shut off
is located east of S. Pattie St.
on the south side of E. 55th St. S.

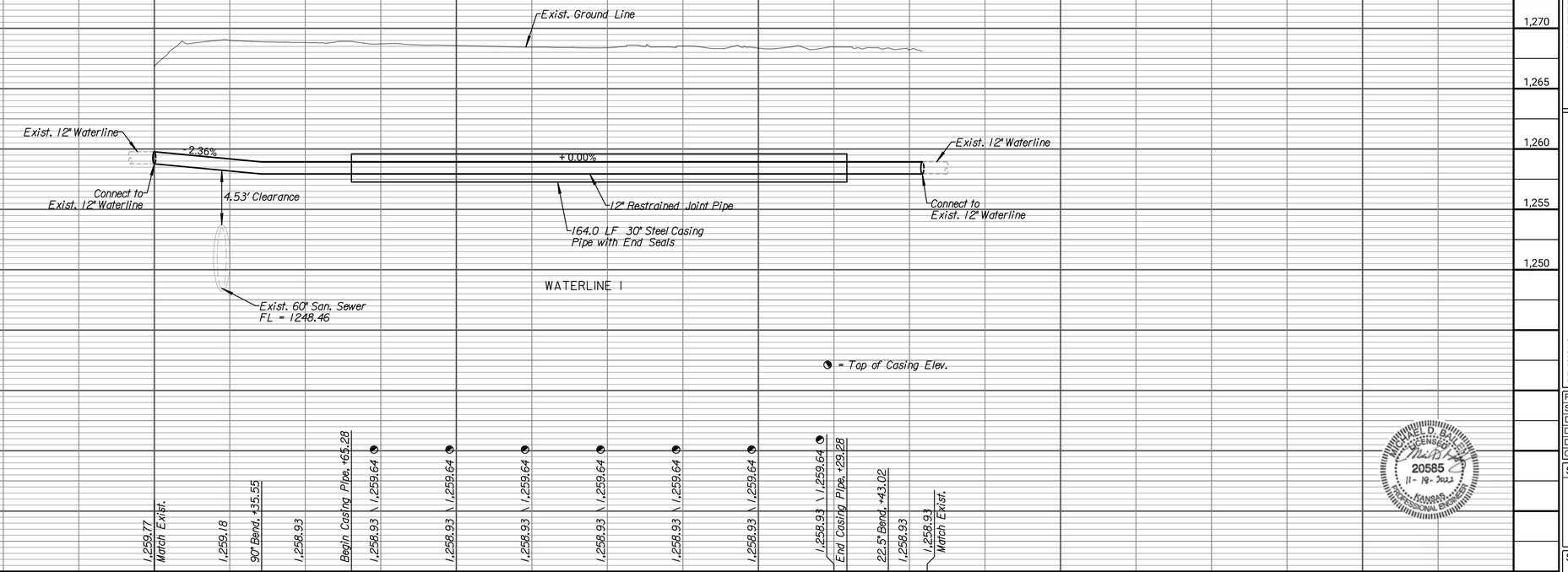
Sta. 0+10.44 Waterline 1 to
Sta. 0+34.73, Waterline 1
Construct 5.0' x 24.79'
Full Depth Patch

(102) Sta. 0+65.29 Waterline 1
Begin 164.00 LF of 30" Steel
Casing Pipe (Directional Drilled)
with End Seals
N 1,652,154.5864
E 1,653,106.4317

(103) Sta. 2+29.29, Waterline 1
End 164.00 LF of 30" Steel
Casing Pipe (Directional Drilled)
with End Seals
N 1,652,158.3978
E 1,653,270.3873

Sta. 1+83.60, 4.35' Lt., Waterline 1 to
Sta. 2+48.23, 4.08' Lt., Waterline 1
Construct 4.6' x 66.32'
Full Depth Patch

(104) Sta. 2+43.02, Waterline 1
Install 1 - 22.5° Bend (Restrained) (SE)
Install 12.84 LF 12" Pipe (SE)
N 1,652,158.7170
E 1,653,284.1180



IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING

TranSystems
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SUITE 222
WICHITA, KANSAS 67202
PHONE: 316-303-3000
FAX: 316-303-0156

CONSULTANTS:

WATERLINE IMPROVEMENTS
E. 55TH STREET S. &
S. HYDRULIC AVENUE
WICHITA, KANSAS

CITY OF WICHITA

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: 448-2021-039949
SCALE: 1"=20'
DATE: 12/2/2022
DESIGNED BY: MDB
DRAWN BY: DAN
CHECKED BY: MDB

SHEET TITLE:
WATRLINE 1
E. 55TH STREET S.

SHEET NO.
3
SHEET 3 OF 14

MICHAEL D. BATTEN
LICENSED
20585
11-18-2022
KANSAS
PROFESSIONAL ENGINEER

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12/2/2022 - 11:02:13 AM c:\transystems\pw_bcad\transys\corp-pw1\dandearm\d1166435\C-WTR-M01-101.dgn