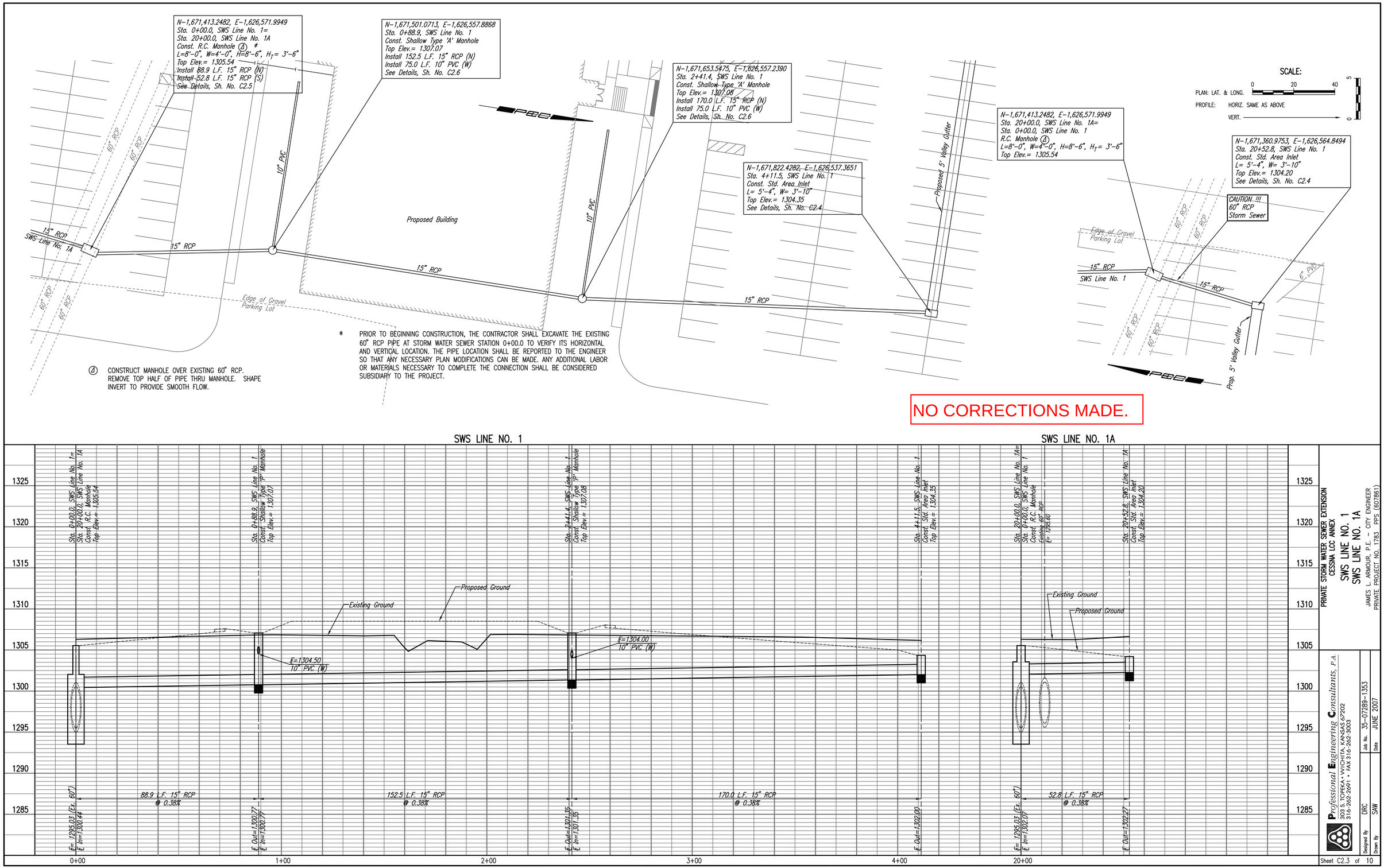
N-1,671,413.2482, E-1,626,571.9949
Sta. 0+00.0, SWS Line No. 1=
Sta. 20+00.0, SWS Line No. 1A
Const. R.C. Manhole ④ *
L=8'-0", W=4'-0", H=8'-6", H_T= 3'-6"
Top Elev.= 1305.54
Install 88.9 L.F. 15" RCP (N)
Install 52.8 L.F. 15" RCP (S)
See Details, Sh. No. C2.5
N-1,671,501.0713, E-1,626,557.8868
Sta. 0+88.9, SWS Line No. 1
Const. Shallow Type 'A' Manhole
Top Elev.= 1307.07
Install 152.5 L.F. 15" RCP (N)
Install 75.0 L.F. 10" PVC (W)
See Details, Sh. No. C2.6
N-1,671,653.5475, E-1,626,557.2390
Sta. 2+41.4, SWS Line No. 1
Const. Shallow Type 'A' Manhole
Top Elev.= 1307.08
Install 170.0 L.F. 15" RCP (N)
Install 75.0 L.F. 10" PVC (W)
See Details, Sh. No. C2.6
N-1,671,822.4282, E-1,626,537.3651
Sta. 4+11.5, SWS Line No. 1
Const. Std. Area Inlet
L= 5'-4", W= 3'-10"
Top Elev.= 1304.35
See Details, Sh. No. C2.4
N-1,671,413.2482, E-1,626,571.9949
Sta. 20+00.0, SWS Line No. 1A=
Sta. 0+00.0, SWS Line No. 1
R.C. Manhole ④
L=8'-0", W=4'-0", H=8'-6", H_T= 3'-6"
Top Elev.= 1305.54
N-1,671,360.9753, E-1,626,564.8494
Sta. 20+52.8, SWS Line No. 1
Const. Std. Area Inlet
L= 5'-4", W= 3'-10"
Top Elev.= 1304.20
See Details, Sh. No. C2.4
SCALE:
PLAN: LAT. & LONG. 0 20 40
PROFILE: HORIZ. SAME AS ABOVE
VERT. 0 5
60" RCP
10" PVC
15" RCP
SWS Line No. 1A
Proposed Building
Edge of Gravel Parking Lot
Proposed 5' Valley Gutter
CAUTION !!!
60" RCP
Storm Sewer
SWS Line No. 1
6" PVC
Prop. 5' Valley Gutter
④ CONSTRUCT MANHOLE OVER EXISTING 60" RCP. REMOVE TOP HALF OF PIPE THRU MANHOLE. SHAPE INVERT TO PROVIDE SMOOTH FLOW.
* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 60" RCP PIPE AT STORM WATER SEWER STATION 0+00.0 TO VERIFY ITS HORIZONTAL AND VERTICAL LOCATION. THE PIPE LOCATION SHALL BE REPORTED TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.
NO CORRECTIONS MADE.
SWS LINE NO. 1
SWS LINE NO. 1A
Sta. 0+00.0, SWS Line No. 1=
Sta. 20+00.0, SWS Line No. 1A
Const. R.C. Manhole
Top Elev.= 1305.54
Sta. 0+88.9, SWS Line No. 1
Const. Shallow Type "B" Manhole
Top Elev.= 1307.07
Sta. 2+41.4, SWS Line No. 1
Const. Shallow Type "B" Manhole
Top Elev.= 1307.08
Sta. 4+11.5, SWS Line No. 1
Const. Std. Area Inlet
Top Elev.= 1304.35
Sta. 20+00.0, SWS Line No. 1A=
Sta. 0+00.0, SWS Line No. 1
Const. R.C. Manhole
Existing 60" RCP
E= 1295.60
Sta. 20+52.8, SWS Line No. 1A
Const. Std. Area Inlet
Top Elev.= 1304.20
Existing Ground
Proposed Ground
E=1304.50
10" PVC (W)
E=1304.00
10" PVC (W)
1325
1320
1315
1310
1305
1300
1295
1290
1285
E= 1295.03 (Ex. 60")
E In=1300.44
88.9 L.F. 15" RCP @ 0.38%
E Out=1300.77
E In=1300.77
152.5 L.F. 15" RCP @ 0.38%
E Out=1301.35
E In=1301.35
170.0 L.F. 15" RCP @ 0.38%
E Out=1302.00
E= 1295.03 (Ex. 60")
E In=1302.07
52.8 L.F. 15" RCP @ 0.38%
E Out=1302.27
0+00
1+00
2+00
3+00
4+00
20+00
PLAN
CHECKED
CHECKED
BY
DATE
PROFILE
CHECKED
CHECKED
BY
DATE
Saved 06-11-2007 9:52:56 AM by SAW
Plot Scale 1:20 06-11-2007 10:04:26 AM by SAW
J:\SWD00\D2007\07289\2007-06-11 to CDW\DWG\07289-C2.3-SWSPP1
PRIVATE STORM WATER SEWER EXTENSION
CESSNA LOC ANNEX
SWS LINE NO. 1
SWS LINE NO. 1A
JAMES L. ARMOUR, P.E. – CITY ENGINEER
PRIVATE PROJECT NO. 1783 PPS (607861)
Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003
Designed By DRC
Drawn By SAW
Job No. 35-07289-1353
Date JUNE 2007
Sheet C2.3 of 10