BYRON SMITH ADDITION

N 1706326.13 E 1647011.85
STA. 0+00.00 LINE 1
BL STA. 0+19.53, 5.00 RT.
BEGIN STORM SEWER CONSTRUCTION.
INSTALL 30" END SECTION AND PLACE
108 S.Y. 18" LIGHT STONE RIP RAP.
FL ELEV. = 1307.60

N 1706325.75 E 1646861.85
STA. 1+50.00 LINE 1
BL STA. 1+69.53, 5.00 RT.
CONSTRUCT 4'x2' DROP INLET W/
SIDE OPENINGS E AND W.
FRAME AND GRATE, D=5.0'
TOP ELEV. = 1313.20

N 1706300.26 E 1646721.80
STA. 0+27.00 LINE 3
BL STA. 3+09.65, 20.13' LT
18" RCP END SECTION
FL ELEV. = 1313.00

REMOVE EXISTING TREES AS NECESSARY FOR CONSTRUCTION. REGRADE 110 L.F. EAST AND 98 L.F. WEST V-BOTTOM DITCH AT 0.50% MIN. SLOPE.

Iron @ STA. 2+56.36, 15.00 LT
N 1706305.53
E 1646775.08

JACKSON AVE.

REGRADE 20 L.F. DITCH AT 1.00% MIN. SLOPE.

BYRON SMITH ADDITION

Iron @ STA. 3+16.24, 14.94 LT
N 1706305.44
E 1646715.19

N 1706325.37 E 1646711.86
STA. 3+00.00 LINE 1=
LINE 2 STA. 0+00.00=
LINE 3 STA. 0+00.00
BL STA. 3+19.53, 5.00' RT
CONSTRUCT TYPE 'P' MH, D=5.0'
TOP ELEV. = 1316.10

REMOVE AND REPLACE GRAVEL ROADWAY AS NECESSARY FOR CONSTRUCTION. SUBSIDIARY TO PROJECT.

60' R/W

0+00 1+00 2+00 3+00 4+00

32ND ST. N.

Gravel Roadway

6" W.L. Baseline

30' R/W

10'

PROP. DITCH FLOWLINE

Asphalt

REMOVE 26 LF EXISTING 24" CMP CULVERT. RESTORE BERM HEIGHT TO EXISTING ELEVATION.

Iron @ STA. 0+42.17, 15.23 RT
N 1706336.31
E 1646989.18

℄ 32nd St. N.

10' Drainage & Utility Easement

15' Str., Drainage & Utility Easement

Iron @ STA. 2+56.35, 15.07 RT
N 1706335.59
E 1646775.00

32ND CIR. N.

REMOVE 45 LF EXISTING 15" CMP.

15' Str., Drainage & Utility Easement

SAVINA 5TH ADDITION

LOWER EXIST 6" AC WATER LINE. SEE DETAIL THIS SHEET.

EXISTING DITCH FLOWLINE

REGRADE EXISTING DITCH TO DRAIN TO PROPOSED INLET @ 0.5% MIN. SLOPE.

60' R/W

BM WPH

N 1706353.01 E 1646703.33
STA. 0+28.93 LINE 2
BL STA. 3+27.99, 32.67' RT
CONSTRUCT TYPE TYPE 1A
(5'X3') INLET W/ BEEHIVE.
TOP ELEV. = 1314.60

20' Drainage & Utility Easement

UNPLATTED

20" 12° 20" 12° 20" 12° 42"

20' 0 20'

5'±
PROPOSED 30" RCP
LINE B FL. 1436.49
REMOVE/REPLACE EXISTING 6" AC PIPE TO NEAREST JOINT
REMOVE 6" PIPE TOP ELEV. 1311.4±
EXISTING 6" MAIN
8" M.J. 45° BEND (ANCHOR TO THRUST BLOCK W/ 2 #5 BAR LOOPS)
8" M.J. 45° BEND
TOP ELEV. 1306.7
8" M.J. 45° BEND (ANCHOR TO THRUST BLOCK W/ 2 #5 BAR LOOPS)
8" DICL PIPE (FIELD CUT)
8" DICL PIPE (FIELD CUT)
THRUST BLOCK
8" M.J. 45° BEND
6 L.F. 8" DICL PIPE CENTERED UNDER SWS

WATER MAIN LOWERING DETAILS
NOT TO SCALE

STA. 0+00.00, SWS
30" RCP END SECTION
FL ELEV. = 1307.60

STA. 14+50.00, LINE 1
TYPE 'P' MH, D=5.0'
TOP ELEV. 1313.20

STA. 3+00.00, LINE 1
TYPE 'P' MH, D=5.0'
TOP ELEV. 1316.10

EXIST. 2" GAS LINE

EXIST. 8" W.L.

EXISTING GRADE

PROPOSED GRADE

150.00 L.F. of 30" RCP @ 0.15%

150.00 L.F. of 30" RCP @ 0.15%

STA. 3+00.00, LINE 1=
STA. 0+00.00, LINE 2=
STA. 0+00.00, LINE 3
TYPE 'P' MH, D=5.0'
TOP ELEV. 1316.10

STA. 0+28.93, LINE 2
TYPE 1A INLET W/ BEEHIVE
TOP ELEV. 1314.60

EXISTING GRADE

EXIST 6" W.L.

28.93 L.F. of 15" RCP @ 1.74%

STA. 3+00.00, LINE 1=
STA. 0+00.00, LINE 2=
STA. 0+00.00, LINE 3
TOP ELEV. 1316.100

STA. 0+27.00, LINE 3
18" END SECTION
FL ELEV. 1313.00

27.00 L.F. of 18" RCP @ 5.55%

1335 1230 1325 1320 1315 1310 1305 1300 1295

1307.60 1307.68 FL 1307.75 FL 1307.82 1307.82 1307.90 FL 1307.97 FL 1308.05 1308.05

1310.50 1311.00 1311.50 1313.00

0+00 0+50 1+00 1+50 2+00 2+50 3+00 0+00 0+28.93 0+00 0+27

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STORM SEWER IMPROVEMENTS
32ND ST. N. AND MASCOT
WICHITA, KANSAS

RB JOB 36130

SHEET 2 OF 15