LEGEND

G = GAS MAIN
W = WATER MAIN
SS = SANITARY SEWER
SWS = STORM WATER SEWER
UGE = UNDER GROUND ELECTRIC
UGT = UNDER GROUND TELEPHONE

- B.M. ____ BENCH MARK
- C.O. ____ CLEAN OUT
- F.H. ____ FIRE HYDRANT
- FO MKR ____ FIBER OPTIC MARKER
- ____ GUY POLE
- L.P. ____ LIGHT POLE
- M.W. ____ MONITOR WELL
- ____ POWER POLE
- ____ SIGN
- W.V. ____ WATER VALVE
- XFMR ____ ELECTRIC TRANSFORMER
- SS M.H. ____ SANITARY SEWER MANHOLE

ONE CALL KANSAS
KS: 1-800-344-7233
WICHITA: 316-687-2470

STA. 4+48.17, SWS 1, MATCH LINE
PROPOSED NEW 7'-6" X 7'-6" REINFORCED CONCRETE MH.
(REF. DETAIL SHEET C5.01)
EXISTING GROUND ELEV.=1317.82
RIM ELEV.=1318.25
42" RCP FL IN(NE)=1311.20
42" RCP FL OUT(SW)=1302.68

INSTALL 364.00 L.F. OF 42" RCP @ 0.60% SLOPE.

STA. 8+18.16, SWS 1, CONSTRUCT NEW 7'-6" X 7'-6" REINFORCED CONCRETE MH.
(REF. DETAIL SHEET C5.01)
EXISTING GROUND ELEV.=1322.74
RIM ELEV.=1323.00
42" RCP FL IN(NE)=1313.58
42" RCP FL OUT(SW)=1313.38

STA. 12+00.57, SWS 1, CONSTRUCT NEW 7'-6" X 7'-6" REINFORCED CONCRETE MH.
(REF. DETAIL SHEET C5.01)
EXISTING GROUND ELEV.=1327.85
RIM ELEV.=1328.40
42" RCP FL IN(NE)=1316.00
42" RCP FL OUT(W)=1315.80

SWS 2, (SEE PLAN & PROFILE SHEET C2.03)

CONTRACTOR SHALL INSTALL 355 S.Y. OF PERMANENT TURF REINFORCEMENT MAT (TRM) (LANDLOK 300 OR PRE-APPROVED EQUAL) TO MANUFACTURERS RECOMMENDATIONS. INSTALL FROM EDGE OF CONCRETE DITCH LINING TO EXTENTS OF GRADING IMPROVEMENTS AS SHOWN BY HATCH.

GRAPHIC SCALE IN FEET
40' 0 40'

CONSTRUCT 80.77 L.F. OF 6" CONCRETE DITCH LINING @ 3.91% SLOPE.
(REF. DETAIL SHEET C5.03)

STA. 14+37.53, END CONCRETE DITCH LINER AT EXISTING METAL END SECTION.

REGRADE & FILL ERODED EMBANKMENT AS NECESSARY AROUND END SECTION PRIOR TO INSTALLING TRM. (DIRTWORK IS SUBSIDIARY TO 'OTHER' ITEMS IN THE CONTRACT).

STA. 13+56.76, END SWS 1, END OF 42" RCP END SECTION.
EXISTING GROUND ELEV.=1322.44
FL OUT ELEV.=1318.50
INSTALL 42" END SECTION PREFAB STEEL GRATE MANUFACTURED BY SHAWNEE STEEL & WELDING, INC. OR PRE-APPROVED EQUAL. (GRATE IS SUBSIDIARY TO 42" RCP.)

INSTALL 70.25 L.F. OF 42" RCP @ 0.41% SLOPE.

INSTALL 376.41 L.F. OF 42" RCP @ 0.59% SLOPE.

STA. 11+27.21, EXISTING 36" SANITARY SEWER LINE.
APPROXIMATE DEPTH=41.41'
APPROXIMATE CLEARANCE=28'

STA. 12+42.11, CAUTION!!! UNDERGROUND FIBER OPTIC LINE. 1"(32-STRAND) DIRECT BURY LINE.
APPROXIMATE DEPTH=49" TO 57"
APPROXIMATE CLEARANCE=13"
COORDINATE WITH SPRINT REP. BART DE CARLO PRIOR TO BEGINNING EXCAVATION.
OFFICE: (316)683-7671 CELL: (316)393-7405

STA. 12+76.82, SWS 1= STA. 20+00.00, SWS 2, CONSTRUCT NEW 7'-6" X 7'-6" REINFORCED CONCRETE MH.
(REF. DETAIL SHEET C5.01)
EXISTING GROUND ELEV.=1324.25
RIM ELEV.=1324.75
42" RCP FL IN(NE)=1316.70
42" RCP FL OUT(W)=1316.50
18" RCP FL INN)=1316.70

INSTALL 76.94 L.F. OF 42" RCP @ 2.37% SLOPE.

B.O.P. STA. 20+00.00

Kinkaid St.

5+00 6+00 7+00 8+00 9+00 10+00 11+00 12+00 13+00 14+00 21+00

SECTION B-B (STA. 14+00.00)
SCALE: 1"=10'
TOP ELEV.=1323.00 | 5' | 18.5' WIDE CONCRETE DITCH LINER | FL ELEV.=1320.22 | EXISTING GROUND

SWS NO. 1(CONT'D)

STA. 4+48.17, CONSTRUCT CONCRETE MH
STA. 8+18.16, CONSTRUCT CONCRETE MH
STA. 11+27.21, EXISTING 36" SANITARY SEWER LINE
STA. 12+00.57, CONSTRUCT CONCRETE MH
STA. 12+42.11, EXISTING UNDERGROUND FIBER OPTIC LINE
STA. 12+76.82, CONSTRUCT CONCRETE MH
STA. 13+56.76, END OF 42" RCP END SECTION
STA. 14+37.53, END DITCH LINING @ EXIST. END SECTION

EXISTING GROUND
CAUTION!!! FIBER OPTIC LINE. (SEE PLAN VIEW NOTE)
PROP. 18" SWS 2 FL ELEV.=1316.70
INSTALL 364.00 L.F. 42" RCP @ 0.60%
INSTALL. 376.41 L.F. 42" RCP @ 0.59%
INSTALL 70.25 L.F. 42" RCP @ 0.71%
INSTALL 76.94 L.F 42" RCP @ 2.37%
CONSTRUCT 80.77 L.F. OF DITCH LINING @ 3.91%
EXISTING 36" SS FL ELEV.=1284.46

1325 1320 1315 1310 1305 1300 1295

FL OUT=1302.68 FL IN=1311.20 | FL=1311.49 | FL=1312.09 | FL=1312.69 | FL=1313.29 | FL OUT=1313.38 FL IN=1313.58 | FL=1314.04 | FL=1314.63 | FL=1315.22 | FL OUT=1315.80 FL IN=1316.00 | FL OUT=1316.50 FL IN=1316.70 | FL=1316.95 | FL IN=1318.50 | FL=1320.30 | FL OUT=1321.87

5+00 6+00 7+00 8+00 9+00 10+00 11+00 12+00 13+00 14+00

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architecture | engineering

CESSNA PARK WEST
STORM WATER SEWER
IMPROVEMENTS
WICHITA, KANSAS

ISSUED FOR CONSTRUCTION

Revisions

SWS 1 P&P (2)

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