SANITARY SEWER IMPROVEMENTS

PAWNEE MESA ADDITION - PHASE 3

PRIVATE PROJECT NUMBER: 604 PPS (607861)

GENERAL NOTES

Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. Location information has been obtained from the various utility companies and is either from company record drawings or company-provided field locations. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.

Pavement removal and/or replacement will be measured and paid for on the lineal foot basis as measured along the centerline of the water line regardless of width, pavement type and/or pavement thickness. Minimum limits of such pavement removal and replacement shall be one foot beyond the limits of the excavation made for the water line or the structure, except when such saw cuts are within three (3) feet of an existing joint the limits of removal shall be extended to the existing joint. Removal and replacement of existing pavement shall conform to the applicable sections of the City of Wichita Standard Specifications.

All disturbed areas shall be seeded, mulched, and fertilized per City specifications.

Utility easements along the route of the sewer shall be graded to the elevation shown on the plan/profile sheets.

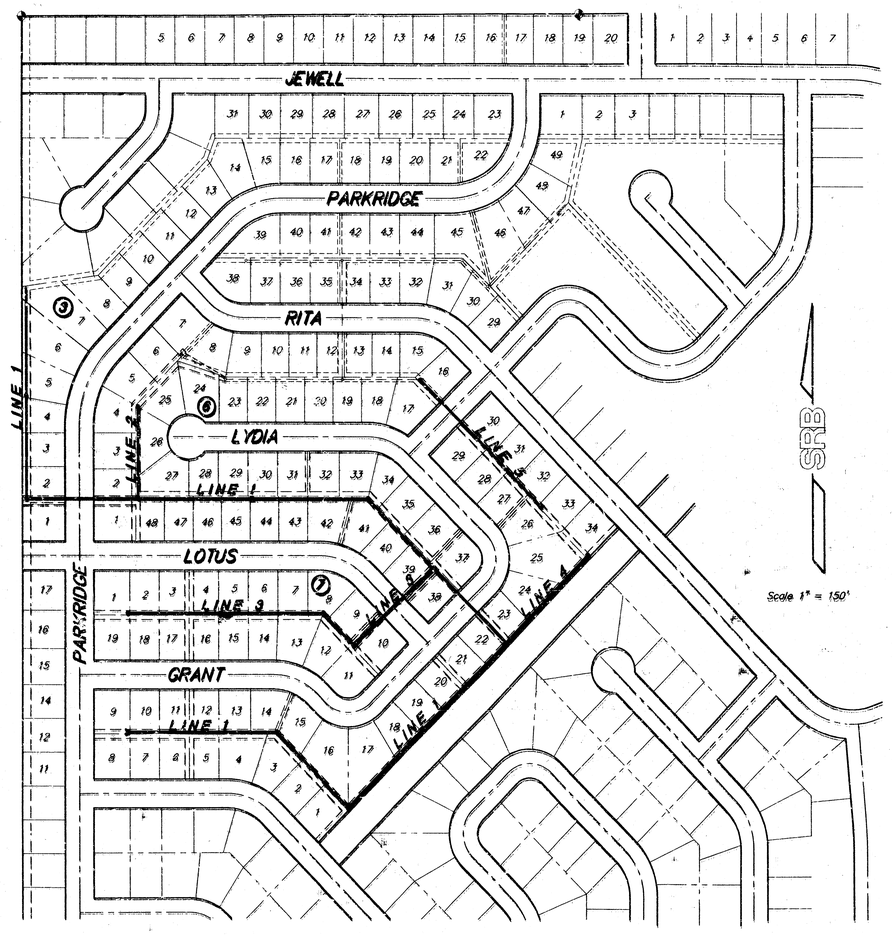
The Contractor shall contact Kansas One Call prior to construction to verify the location of all underground utility lines. Any arrangements for the relocation of underground utility lines shall be the responsibility of the Contractor.

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers VRH 1/23/96
Storm Sewers
Driveway Approaches
Water Mains
Paving

NOTE TO CONTRACTORS

Inspection and testing for this project are to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection, nor shall any work be commenced without written authorization by the City Engineer.



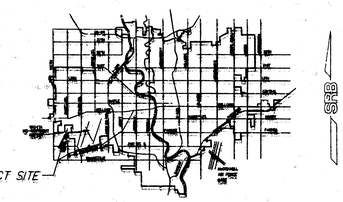
INDEX OF SHEETS

1.	TITLE SHEET
2.	LINE 1 AND LINE 2
3.	LINE 1
4.	LINE 1
5.	LINE 1 AND LINE 4
6.	LINE 3
7.	LINE 5

BENCH MARKS

BENCH MARK: SQUARE CUT IN TOP OF HUBGUARD, SOUTHWEST CORNER OF RCBC UNDER JEWELL, BETWEEN PRESCOTT AND FIELDCREST, ELEVATION = 1413.23 CITY DATUM

BENCH MARK: SQUARE CUT IN TOP OF HUBWALL, NORTH SIDE OF RITA, LOCATED 500' SOUTHEAST (ALONG RITA) OF THE INTERSECTION OF RITA AND LOTUS. ELEVATION = 1414.22 CITY DATUM



VICINITY MAP

Booked
RDC
1/27/97

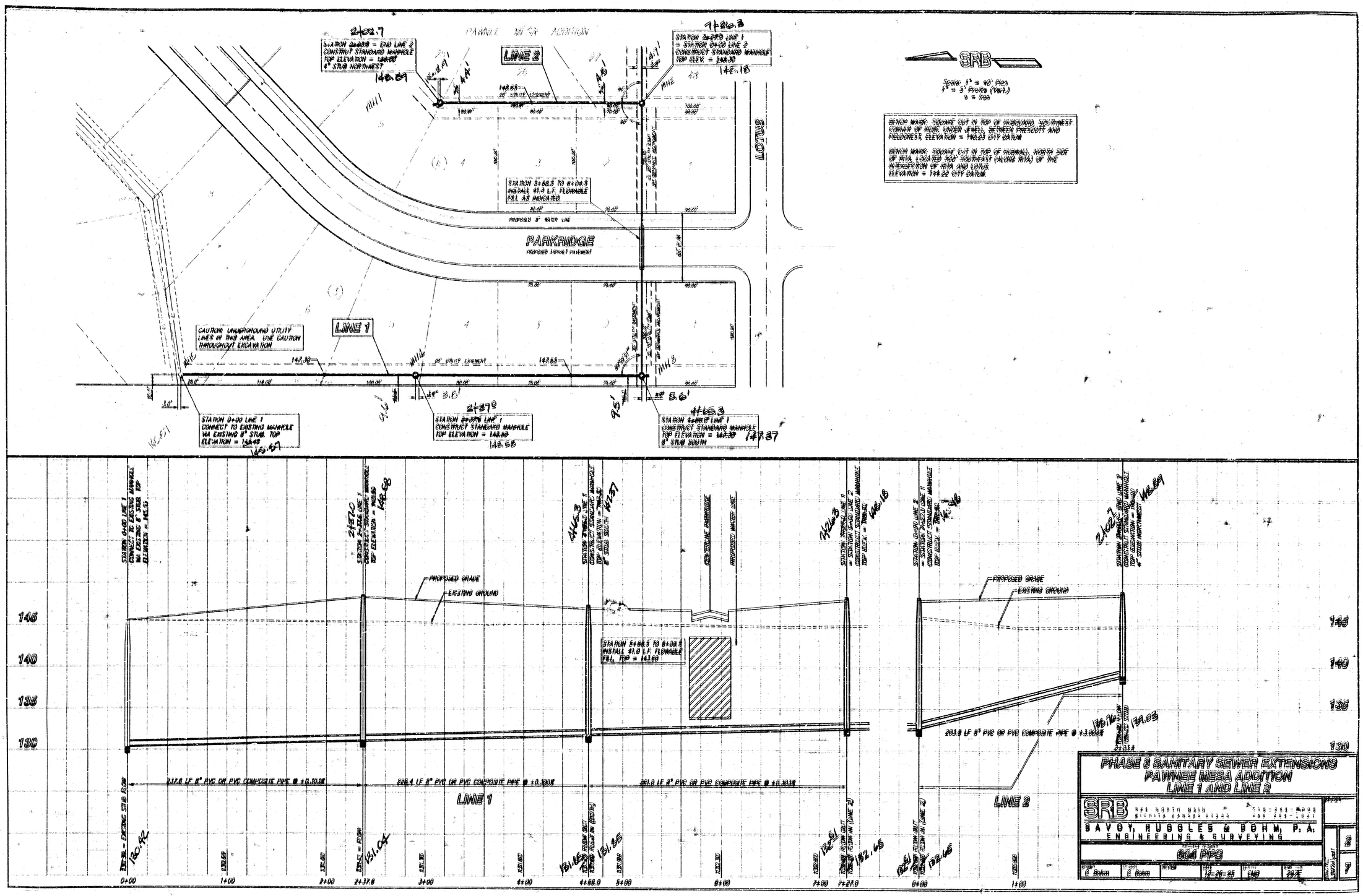
CHRISTOPHER MICHAEL BOHM
LICENSED
NO. 11631
KANSAS
PROFESSIONAL ENGINEER
1-18-96

AS BUILT
7-25-96

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK - CITY ENGINEER

SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008 FAX 264-4621
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING


PAWNEE MESA ADDITION
LINE 2
LINE 1
PARKRIDGE
PROPOSED ASPHALT PAVEMENT
PROPOSED 8" WATER LINE
20' UTILITY EASEMENT
LOTUS
SRB
SCALE: 1" = 40' PLAN
1" = 3' PROFILE (VERT.)
8 = 1FOR
BENCH MARK: SQUARE CUT IN TOP OF HUBWALL SOUTHWEST CORNER OF REAR UNDER JEWELL BETWEEN PRESCOTT AND FIELDCREST, ELEVATION = 140.23 CITY DATUM
BENCH MARK: SQUARE CUT IN TOP OF HUBWALL, NORTH SIDE OF RITA, LOCATED 200' SOUTHEAST (ALONG RITA) OF THE INTERSECTION OF RITA AND LOTUS ELEVATION = 139.22 CITY DATUM.
STATION 0+00 LINE 1 CONNECT TO EXISTING MANHOLE VIA EXISTING 8" STUB TOP ELEVATION = 145.49
STATION 2+37.8 = END LINE 2 CONSTRUCT STANDARD MANHOLE TOP ELEVATION = 148.68 8" STUB NORTHWEST
STATION 2+37.8 LINE 1 CONSTRUCT STANDARD MANHOLE TOP ELEVATION = 148.80
STATION 7+26.8 LINE 1 = STATION 0+00 LINE 2 CONSTRUCT STANDARD MANHOLE TOP ELEV. = 148.30
STATION 4+66.8 LINE 1 CONSTRUCT STANDARD MANHOLE TOP ELEVATION = 147.30 8" STUB SOUTH
STATION 5+66.5 TO 6+09.5 INSTALL 41.0 L.F. FLOWABLE FILL AS INDICATED
CAUTION: UNDERGROUND UTILITY LINES IN THIS AREA. USE CAUTION THROUGHOUT EXCAVATION
PROPOSED GRADE
EXISTING GROUND
STATION 5+66.5 TO 6+09.5 INSTALL 41.0 L.F. FLOWABLE FILL TOP = 143.00
PROPOSED WATER LINE
237.8 LF 8" PVC OR PVC COMPOSITE PIPE @ +0.303%
226.4 LF 8" PVC OR PVC COMPOSITE PIPE @ +0.300%
261.0 LF 8" PVC OR PVC COMPOSITE PIPE @ +0.303%
203.0 LF 8" PVC OR PVC COMPOSITE PIPE @ +3.000%
LINE 1
LINE 2
PHASE 3 SANITARY SEWER EXTENSIONS
PAWNEE MESA ADDITION
LINE 1 AND LINE 2
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING
604 PPS
12-26-95
29.7E
2
7

BENCH MARK: SQUARE CUT IN TOP OF HUBGUARD, SOUTHWEST CORNER OF RC&C UNDER "JEWELL" BETWEEN PRESCOTT AND FIELDCREST. ELEVATION = 1.70.23 CITY DATUM

BENCH MARK: SQUARE CUT IN TOP OF HUBWALL, NORTH SIDE OF RITA, LOCATED 500' SOUTHEAST (ALONG RITA) OF THE INTERSECTION OF RITA AND LOTUS. ELEVATION = 144.22 CITY DATUM

Scale: 1" = 40' Plan
1" = 5' Profile (Vert.)
o = Iron

PARKRIDGE

LOTUS
PROPOSED 45' PAVEMENT

PAWNEE MESA ADDITION

GRANT

LINE 1

LINE 3

LINE 4

DRAINAGE DEDICATION

STATION 12+85.1 LINE 1, CONSTRUCT STANDARD MANHOLE TOP ELEV. = 143.23

STATION 9+46.5 LINE 1, CONSTRUCT STANDARD MANHOLE TOP ELEV. = 146.73

STATION 7+82.3 LINE 1 = STATION 0+00 LINE 3, CONSTRUCT STANDARD MANHOLE TOP ELEV. = 148.18

STATION 14+85.1 LINE 1 = STATION 0+00 LINE 3, CONSTRUCT STANDARD MANHOLE TOP ELEV. = 144.20

STATION 15+73.5 TO 16+12.5 INSTALL 39.0 L.F. FLOWABLE FILL AS INDICATED.

STATION 17+19.3 LINE 1 = STATION 0+00 LINE 4, CONSTRUCT STANDARD MANHOLE TOP ELEV. = 143.00

FINISH GRADE

EXISTING GROUND

CENTERLINE GRANT

PROPOSED WATER LINE

STATION 15+73.5 TO 16+12.5 INSTALL 39.0 L.F. FLOWABLE FILL TOP = 140.30

135.46 FLOW OUT
135.05 FLOW IN (N. & S.)

270.0 LF 8" PVC OR PVC COMPOSITE PIPE @ +0.302%

227.7 LF 8" PVC OR PVC COMPOSITE PIPE @ +0.302%

217.3 LF 8" PVC OR PVC COMPOSITE PIPE @ +0.300%

234.0 LF 8" PVC OR PVC COMPOSITE PIPE @ +0.300%

PHASE 3 SANITARY SEWER EXTENSIONS
PAWNEE MESA ADDITION
LINE 1

SRB
934 NORTH MAIN
WICHITA KANSAS 67203
316-264-8008
FAX 264-4621

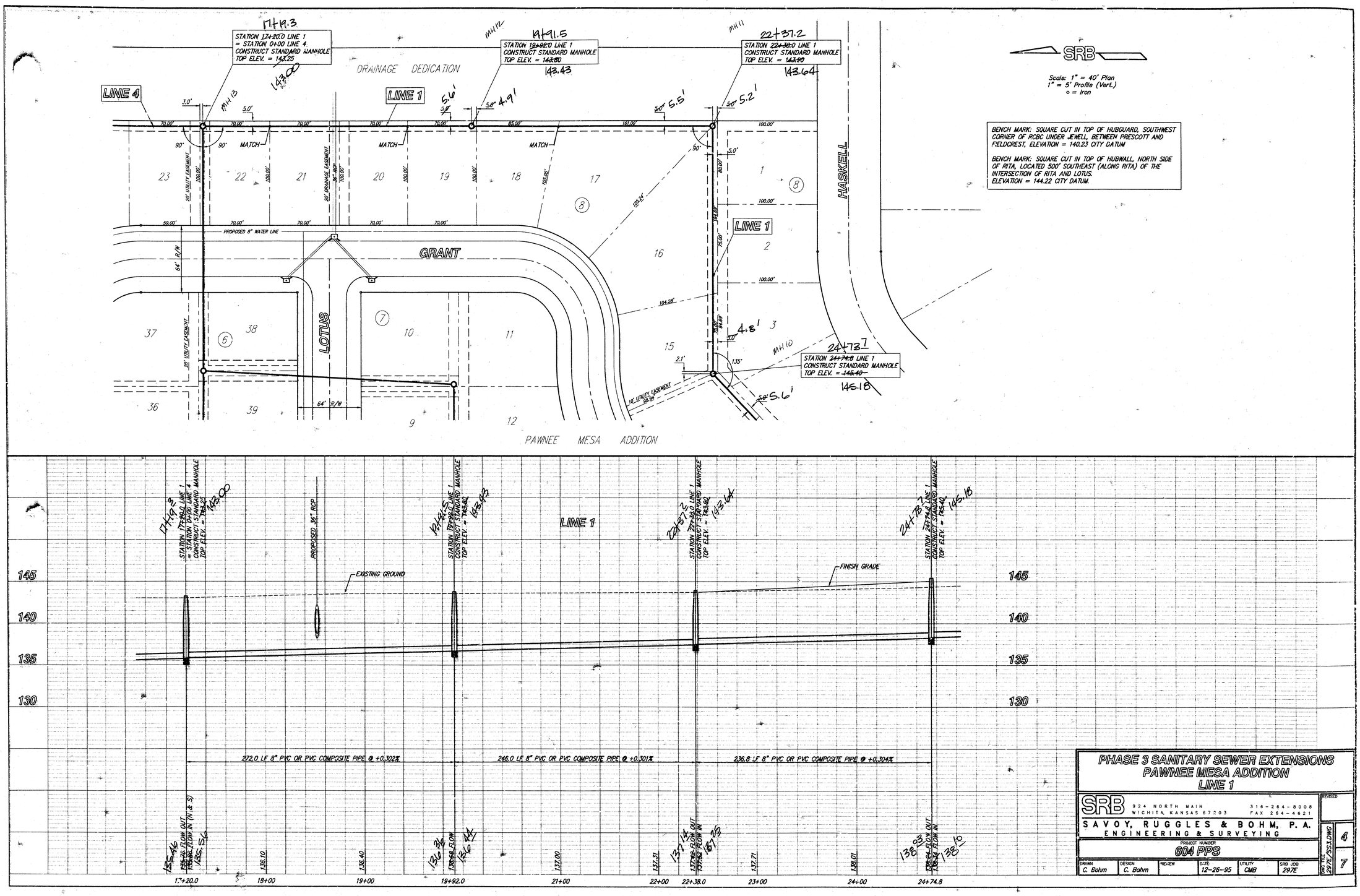
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER: 604 PPS

DRAWN	DESIGN	REVIEW	DATE	SUBMITTED	APPROVED
C. Bohm	C. Bohm		12-26-95	CMB	JWE

REVISIONS

SHEET 3 OF 7

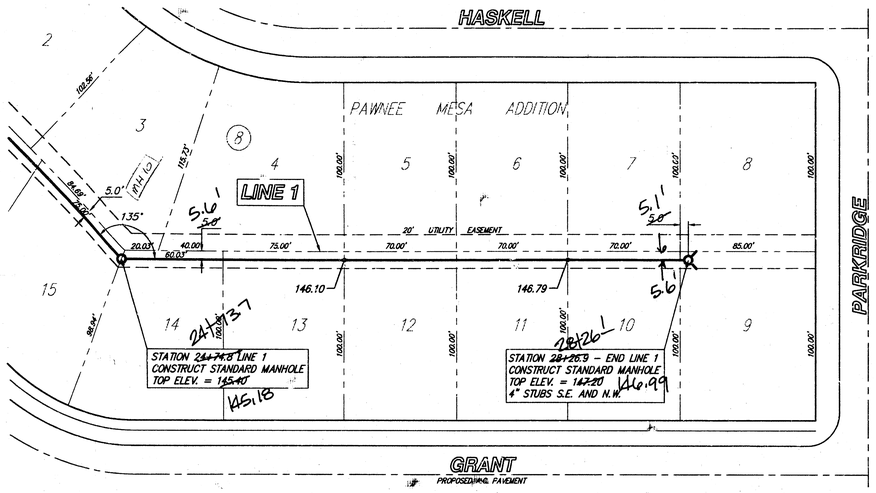

STATION 17+20.0 LINE 1 = STATION 0+00 LINE 4, CONSTRUCT STANDARD MANHOLE TOP ELEV. = 143.25
STATION 19+92.0 LINE 1 CONSTRUCT STANDARD MANHOLE TOP ELEV. = 143.80
STATION 22+38.0 LINE 1 CONSTRUCT STANDARD MANHOLE TOP ELEV. = 143.90
STATION 24+74.8 LINE 1 CONSTRUCT STANDARD MANHOLE TOP ELEV. = 145.40
DRAINAGE DEDICATION
LINE 4
LINE 1
MATCH
20' UTILITY EASEMENT
20' DRAINAGE EASEMENT
PROPOSED 8" WATER LINE
GRANT
LOTUS
HASKELL
64' R/W
10' UTILITY EASEMENT
PAWNEE MESA ADDITION
SRB
Scale: 1" = 40' Plan
1" = 5' Profile (Vert.)
o = Iron
BENCH MARK: SQUARE CUT IN TOP OF HUBGUARD, SOUTHWEST CORNER OF RCBC UNDER JEWELL, BETWEEN PRESCOTT AND FIELDCREST, ELEVATION = 140.23 CITY DATUM
BENCH MARK: SQUARE CUT IN TOP OF HUBWALL, NORTH SIDE OF RITA, LOCATED 500' SOUTHEAST (ALONG RITA) OF THE INTERSECTION OF RITA AND LOTUS. ELEVATION = 144.22 CITY DATUM.
PROPOSED 36" RCP
EXISTING GROUND
FINISH GRADE
272.0 LF 8" PVC OR PVC COMPOSITE PIPE @ +0.302%
246.0 LF 8" PVC OR PVC COMPOSITE PIPE @ +0.301%
236.8 LF 8" PVC OR PVC COMPOSITE PIPE @ +0.304%
PHASE 3 SANITARY SEWER EXTENSIONS
PAWNEE MESA ADDITION
LINE 1
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING
924 NORTH MAIN
WICHITA, KANSAS 67203
316-264-8008
FAX 264-4621
PROJECT NUMBER
604 PPS
DRAWN C. Bohm
DESIGN C. Bohm
DATE 12-26-95
UTILITY CMB
SRB JOB 297E
DWG FILE 297E/SS3.DWG
4
7

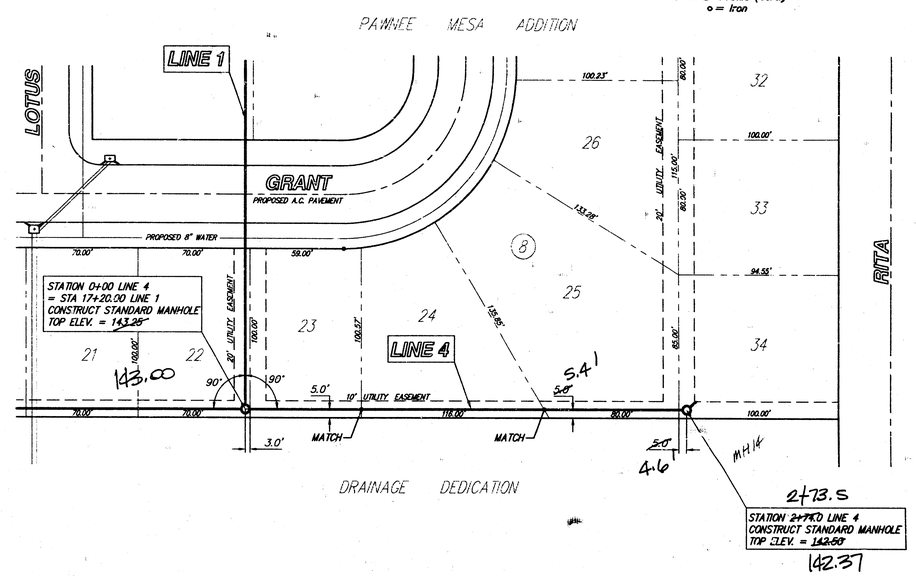
BENCH MARK: SQUARE CUT IN TOP OF HUBGUARD, SOUTHWEST CORNER OF RCBC UNDER JEWELL, BETWEEN PRESCOTT AND FIELDCREST, ELEVATION = 140.23 CITY DATUM

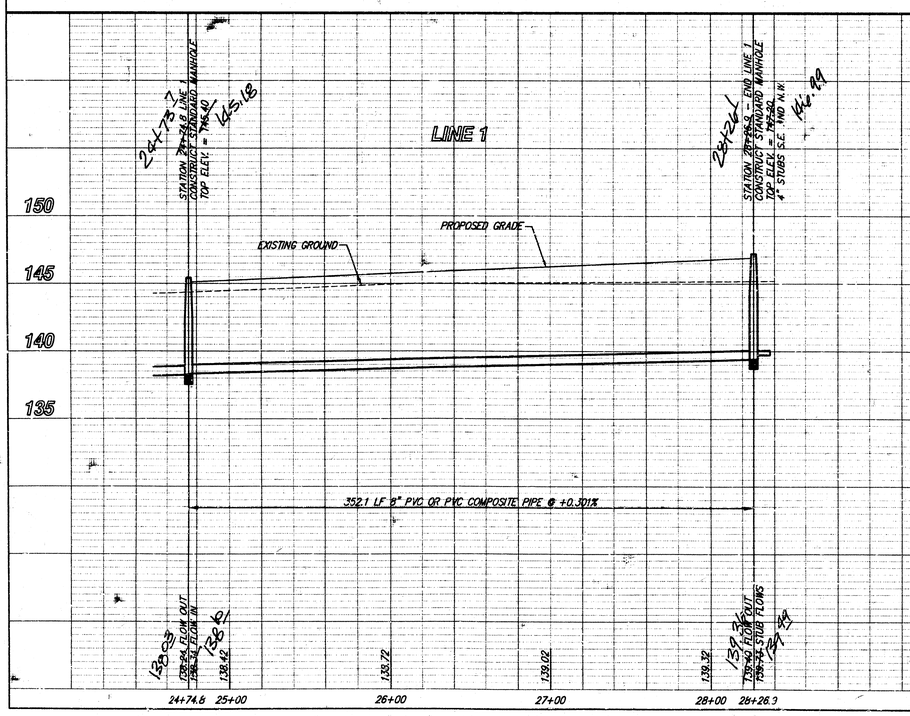
BENCH MARK: SQUARE CUT IN TOP OF HUBWALL, NORTH SIDE OF RITA, LOCATED 500' SOUTHEAST (ALONG RITA) OF THE INTERSECTION OF RITA AND LOTUS. ELEVATION = 144.22 CITY DATUM.

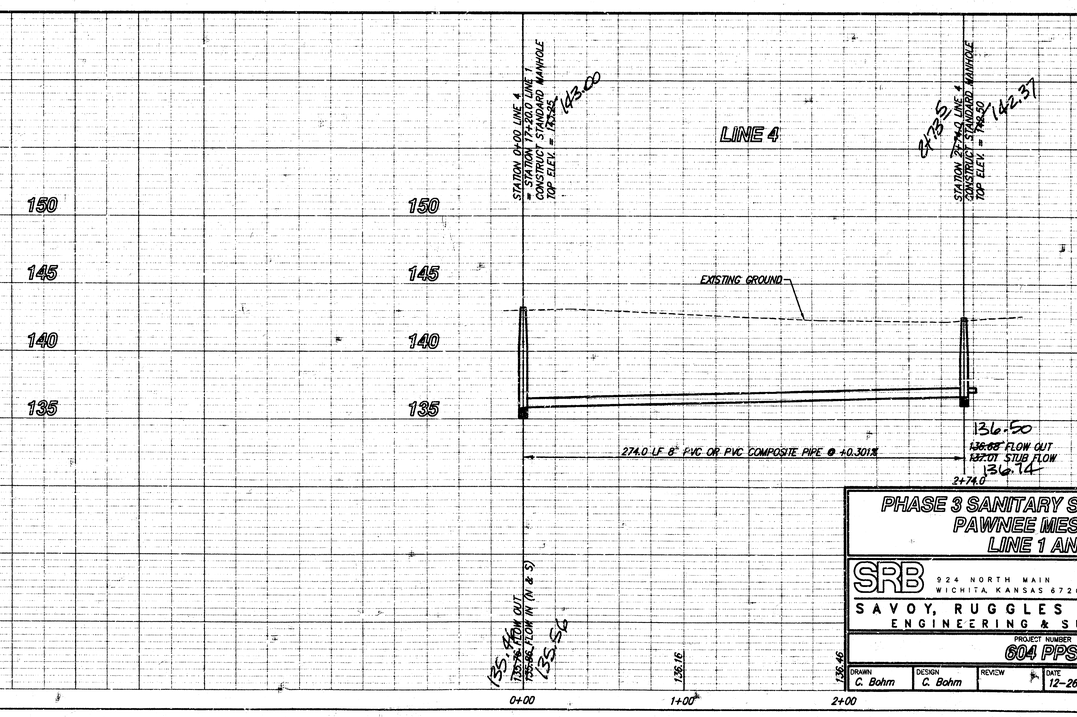
SRB

Scale: 1" = 40' Plan
1" = 5' Profile (Vert.)
o = Iron









PHASE 3 SANITARY SEWER EXTENSIONS
PAWNEE MESA ADDITION
LINE 1 AND LINE 4

SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008 FAX 264-4621
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER 604 PPS

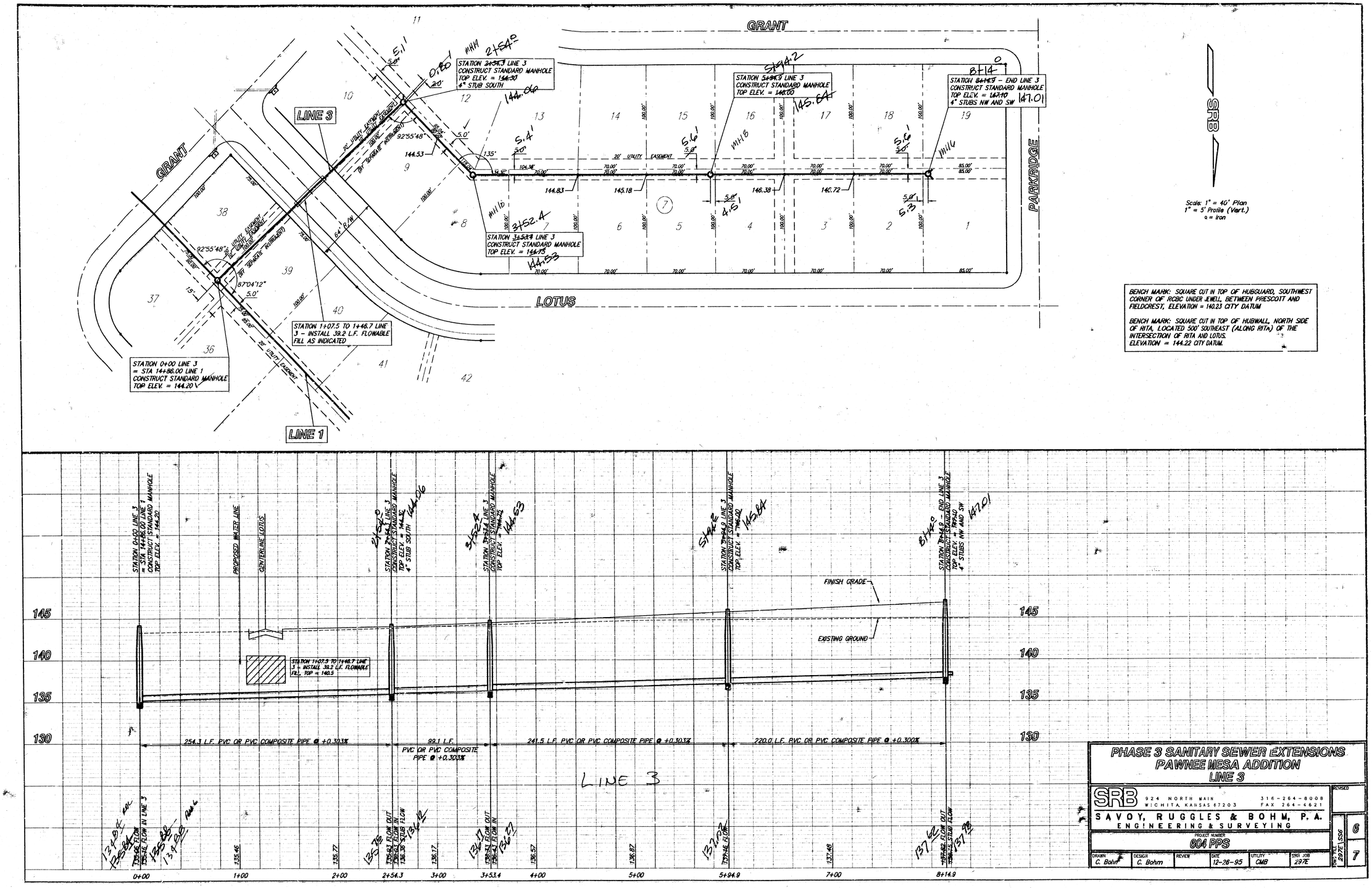
DRAWN	DESIGN	REVIEW	DATE	UTILITY	SRB JOB
C. Bohm	C. Bohm		12-26-95	CMB	297E

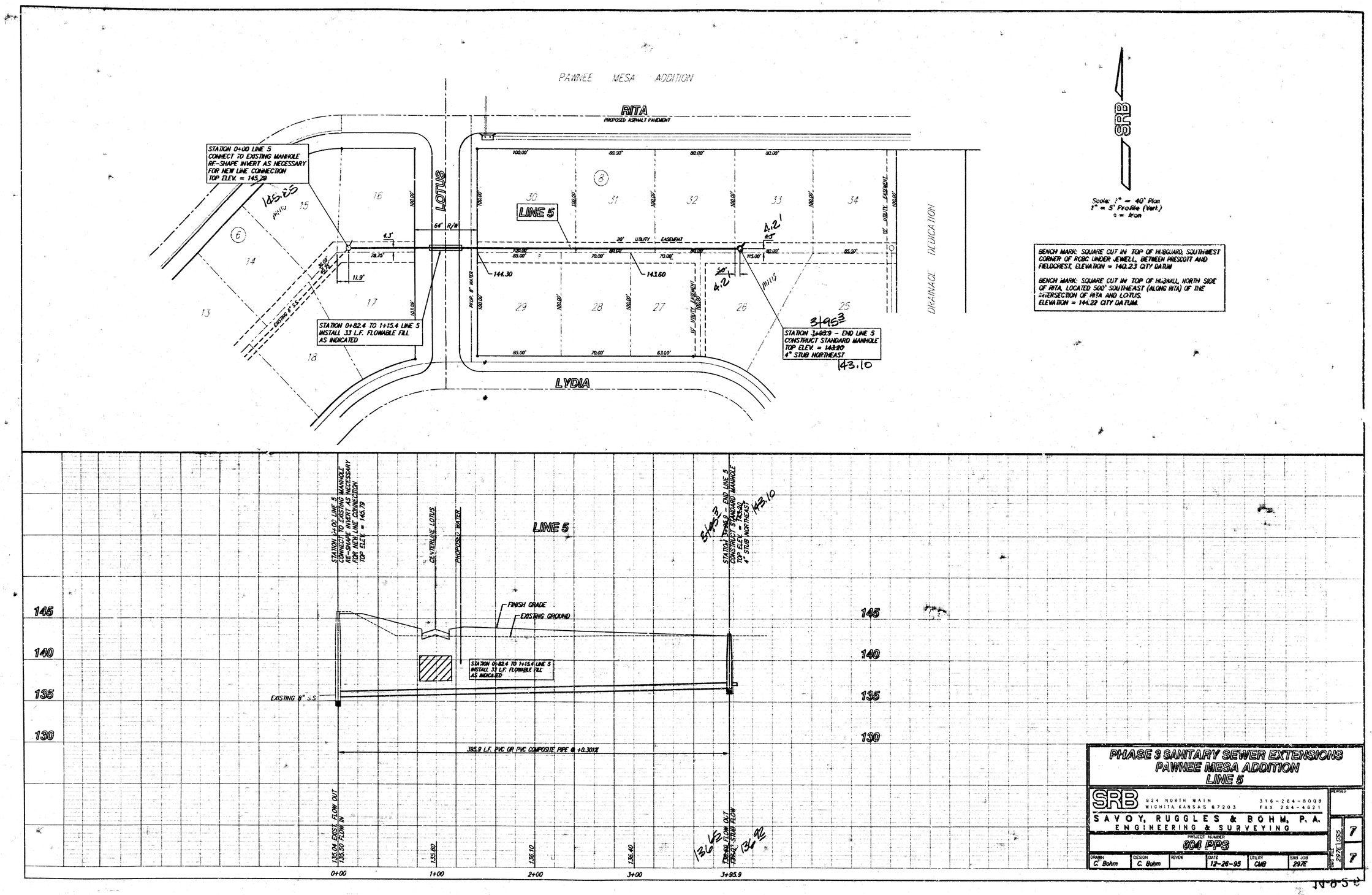
REVISED

DWG FILE 297e sht4

5

7


GRANT
LOTUS
PARKRIDGE
LINE 3
LINE 1
STATION 2+54.3 LINE 3
CONSTRUCT STANDARD MANHOLE
TOP ELEV. = 144.30
4" STUB SOUTH
STATION 5+94.9 LINE 3
CONSTRUCT STANDARD MANHOLE
TOP ELEV. = 146.00
STATION 8+14.9 – END LINE 3
CONSTRUCT STANDARD MANHOLE
TOP ELEV. = 147.10
4" STUBS NW AND SW
STATION 3+53.4 LINE 3
CONSTRUCT STANDARD MANHOLE
TOP ELEV. = 144.75
STATION 0+00 LINE 3
= STA 14+86.00 LINE 1
CONSTRUCT STANDARD MANHOLE
TOP ELEV. = 144.20
STATION 1+07.5 TO 1+46.7 LINE 3 – INSTALL 39.2 L.F. FLOWABLE FILL AS INDICATED
20' UTILITY EASEMENT
92°55'48"
87°04'12"
SCALE: 1" = 40'
Scale: 1" = 40' Plan
1" = 5' Profile (Vert.)
o = Iron
BENCH MARK: SQUARE CUT IN TOP OF HUBGUARD, SOUTHWEST CORNER OF RC&C UNDER JEWELL, BETWEEN PRESCOTT AND FIELDCREST, ELEVATION = 140.23 CITY DATUM
BENCH MARK: SQUARE CUT IN TOP OF HUBWALL, NORTH SIDE OF RITA, LOCATED 500' SOUTHEAST (ALONG RITA) OF THE INTERSECTION OF RITA AND LOTUS.
ELEVATION = 144.22 CITY DATUM.
PROPOSED WATER LINE
CENTERLINE LOTUS
FINISH GRADE
EXISTING GROUND
254.3 L.F. PVC OR PVC COMPOSITE PIPE @ +0.303%
93.1 L.F. PVC OR PVC COMPOSITE PIPE @ +0.303%
241.5 L.F. PVC OR PVC COMPOSITE PIPE @ +0.303%
220.0 L.F. PVC OR PVC COMPOSITE PIPE @ +0.300%
LINE 3
0+00
1+00
2+00
2+54.3
3+00
3+53.4
4+00
5+00
5+94.9
7+00
8+14.9
PHASE 3 SANITARY SEWER EXTENSIONS
PAWNEE MESA ADDITION
LINE 3
SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008 FAX 264-4621
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING
PROJECT NUMBER 604 PPS
DRAWN C. Bohm
DESIGN C. Bohm
REVIEW
DATE 12-26-95
UTILITY CMB
SRB JOB 297E
DWG. NO. 297E-LSSF
6
7


PAWNEE MESA ADDITION
RITA
PROPOSED ASPHALT PAVEMENT
LOTUS
LYDIA
LINE 5
STATION 0+00 LINE 5
CONNECT TO EXISTING MANHOLE
RE-SHAPE INVERT AS NECESSARY
FOR NEW LINE CONNECTION
TOP ELEV. = 145.29
STATION 0+82.4 TO 1+15.4 LINE 5
INSTALL 33 L.F. FLOWABLE FILL
AS INDICATED
STATION 3+95.3 - END LINE 5
CONSTRUCT STANDARD MANHOLE
TOP ELEV. = 143.20
4" STUB NORTHEAST
20' UTILITY EASEMENT
10' UTILITY EASEMENT
64' R/W
PROP. 8" WATER
EXISTING 8" S.S.
DRAINAGE DEDICATION
144.30
143.60
145.25
143.10
SCALE
Scale: 1" = 40' Plan
1" = 5' Profile (Vert.)
o = Iron
BENCH MARK: SQUARE CUT IN TOP OF HUBGUARD, SOUTHWEST CORNER OF RCBC UNDER JEWELL, BETWEEN PRESCOTT AND FIELDCREST, ELEVATION = 140.23 CITY DATUM
BENCH MARK: SQUARE CUT IN TOP OF HUBWALL, NORTH SIDE OF RITA, LOCATED 500' SOUTHEAST (ALONG RITA) OF THE INTERSECTION OF RITA AND LOTUS.
ELEVATION = 144.22 CITY DATUM.
STATION 0+00 LINE 5
CONNECT TO EXISTING MANHOLE
RE-SHAPE INVERT AS NECESSARY
FOR NEW LINE CONNECTION
TOP ELEV. = 145.29
CENTERLINE LOTUS
PROPOSED WATER
FINISH GRADE
EXISTING GROUND
STATION 0+82.4 TO 1+15.4 LINE 5
INSTALL 33 L.F. FLOWABLE FILL
AS INDICATED
EXISTING 8" S.S.
395.9 L.F. PVC OR PVC COMPOSITE PIPE @ +0.30%
STATION 3+95.9 - END LINE 5
CONSTRUCT STANDARD MANHOLE
TOP ELEV. = 143.20
4" STUB NORTHEAST
135.04 EXIST. FLOW OUT
135.50 FLOW IN
135.80
136.10
136.40
136.62 FLOW OUT
PROP. STUB FLOW
136.72
0+00
1+00
2+00
3+00
3+95.9
145
140
135
130
PHASE 3 SANITARY SEWER EXTENSIONS
PAWNEE MESA ADDITION
LINE 5
SRB
924 NORTH MAIN
WICHITA KANSAS 67203
316-264-8008
FAX 264-4621
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING
PROJECT NUMBER
604 PPS
DRAWN C. Bohm
DESIGN C. Bohm
REVIEW
DATE 12-26-95
UTILITY CMB
SRB JOB 297E
REVISED
SHEET 7 OF 7
SHEETS 7 OF 7