SANITARY SEWER PUMP STATION & FORCE MAIN IMPROVEMENTS

to serve

RIDGE PORT ADDITION

CITY OF WICHITA, KANSAS

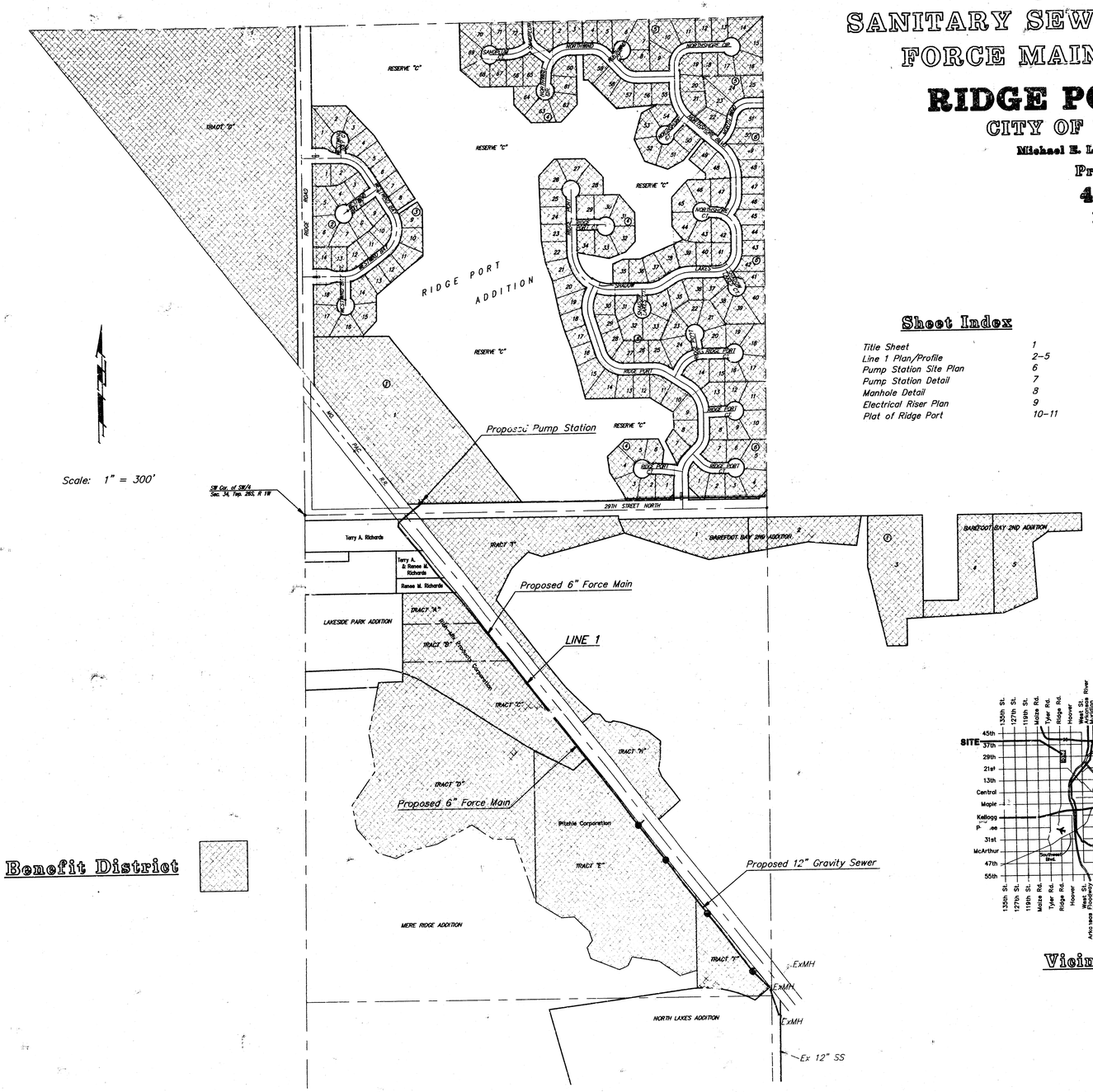
Michael H. Lindebak, P.E. City Engineer

Project Number

468-82339

Index Code:

743536



Scale: 1" = 300'

Benefit District

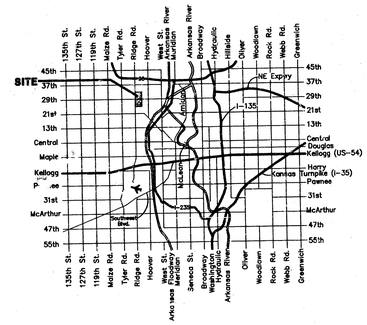
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Line 1 Plan/Profile	2–5
Pump Station Site Plan	6
Pump Station Detail	7
Manhole Detail	8
Electrical Riser Plan	9
Plat of Ridge Port	10–11

Benchmark

City Disc 45' North of 1/4 Corner, 1/2 Mile East of Ridge Road on 29th St. North.
Elev. = 141.07 City Datum

City Disc at S.W. Corner of R.C.B.C. for Big Slough at Ridge Road
Elev. = 144.22 City Datum



Vicinity Map

Booked
P-102
AS BUILT
10-15-99
RDL

LICENSED
15176
9-9-99
KANSAS
PROFESSIONAL ENGINEER

GENERAL NOTES:

1. Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to any excavation, as follows:

   Kansas One-Call 687-2470

   The Contractor must notify the following in case of an emergency:

Multimedia Cablevision	262-0661
K.P.L. Gas Service Company	383-9850
Kansas Gas & Electric Company	383-6000
Peoples Gas Company	942-8350
Southwestern Bell Telephone Company	1-571-2611
City of Wichita Water Dept.	268-4908
City of Wichita Traffic Engineering	269-4446

2. 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. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

3. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

4. The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.

5. 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.

6. All areas disturbed by construction operations shall by seeded with rye grass at a rate of 300 lbs/acre immediately following construction in that area. Prior to seeding, area shall be prepared per City specs.

7. The Contractor shall be responsible for coordination of gas and electrical service to be extended and connected to the pump station site as necessary.

8. The lump sum price bid for furnishing and installing pump station and miscellaneous appurtenances complete in place shall include all costs for furnishing and installing the pump station module as indicated on the site plan complete in place and in operation. Such lump sum bid shall include the cost of constructing and/or installing compacted subgrade, concrete pad, power pole, electrical conduit, electrical wiring, disconnect switch, electrical power supply, natural gas fuel supply, piping, earthwork, reinforced concrete valve vault, fiberglass building, compacted fill, finished grading and any other incidentals necessary to complete the work.

9. The Contractor shall also be responsible for the activation and implementction of the pump station to full operational condition as required for acceptance by the City of Wichita.

10. The Contractor shall provide appropriate signage for the 6" force main as required by the City of Wichita. Cost of signage shall be incidental to L.F. 6" Force Main.

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

NORTH SHORE BLVD

Remove & Replace Existing Wood Fence as Necessary For Construction. Cost to be Included in Bid Item "Site Clearing & Restoration"

CAUTION! 12" Wtr Line Crossing

CAUTION! 4" Gas Line Crossing

Sta. 1+66.6, Line 1
Contractor shall Remove & Replace Existing Manhole as Necessary for Boring Operations.
Mannole shall be Reconstructed to Existing Rim Elev. = 140.00
Cost of Removing & Replacing Manhole to be Incidental to L.F. of 24" Casing Pipe Bored & Jacked.

Contractor shall be Responsible for Maintainin Sanitary Sewer Flow while Conducting Boring Operations. Sewage Pumping Activities across North Shore Circle shall not Interfere with Traffic along the Central Kansas Railway, North Shore Blvd., or North Shore Circle. Contractor shall Protect Sewage Transfer Hoses from being Damaged by Passing Traffic. (See General Notes, for Additional Information.)

Contractor may Replace Pipe & Casing with Directional Boring, subject to Engineer's Approval.

Ritchie Corporation

BENCHMARK:

City Disc 45' North of 1/4 Corner, 1/2 Mile East of Ridge Road on 29th St. North.
Elev. = 1328.47 NGVD
= 141.07 City Datum

City Disc at S.W. Corner of R.C.B.C. for Big Slough at Ridge Road
Elev. = 1331.62 NGVD
= 144.22 City Datum

SCALE:
1" = 40' HORIZONTAL
1" = 5' VERTICAL
• = IRON

UNPLATTED

Sta. 2+86.4, Line 1
Construct Standard Manhole.
Top Elev. = 136.90

CAUTION! 4" Gas Line Crossing

30' Sanitary Sewer Easement by Separate Instrument

LINE 1

UNPLATTED

Remove Existing Conc. Slab Only as Necessary For Construction. Cost to be Included in Bid Item "Site Clearing & Restoration"

Cloverdale Creek

30' Sanitary Sewer Easement by Separate Instrument

Guy Wire to be Reloc. by KGE. Contact Russ Cnitwood (261-6251) at least seven days prior to Construction

CAUTION! 2" Gas Line Crossing

NORTH SHORE CIRCLE

CAUTION! U/G SWB Crossing

℄ CENTRAL KANSAS RAILWAY

Sta. 6+86.4, Line 1
Construct Standard Manhole.
Top Elev. = 135.60

Remove Existing Trees Only as Necessary For Construction. Cost to be Included in Bid Item "Site Clearing & Restoration"

Sta. 10+67.2, Line 1
Construct Standard Manhole.
Top Elev. = 136.90
Match Point

Contractor shall Remove & Replace Trees as Necessary for construction. Cost to be Incidental to Other Items in the Project.

50' City of Wichita Water System Easement

Contractor to Contact:
Calvin Briggs
Peoples Natural Gas Company
942-0677
a Minimum of 7 (Seven) Days PRIOR TO CONSTRUCTION.

Costs of Dewatering, Shoring, Pipe Supports. Backfill Compaction, and etc. shall be Incidental to Other Items in the Project.

Sta. 0+00, Line 1
Remove Existing 8" Pipe (N). Bore New Hole in Exist. Manhole. Reshape Invert if Necessary. Cost of Reshaping to be Incidental to L.F. of 12" Pipe. Seal & Grout Around New Pipes.

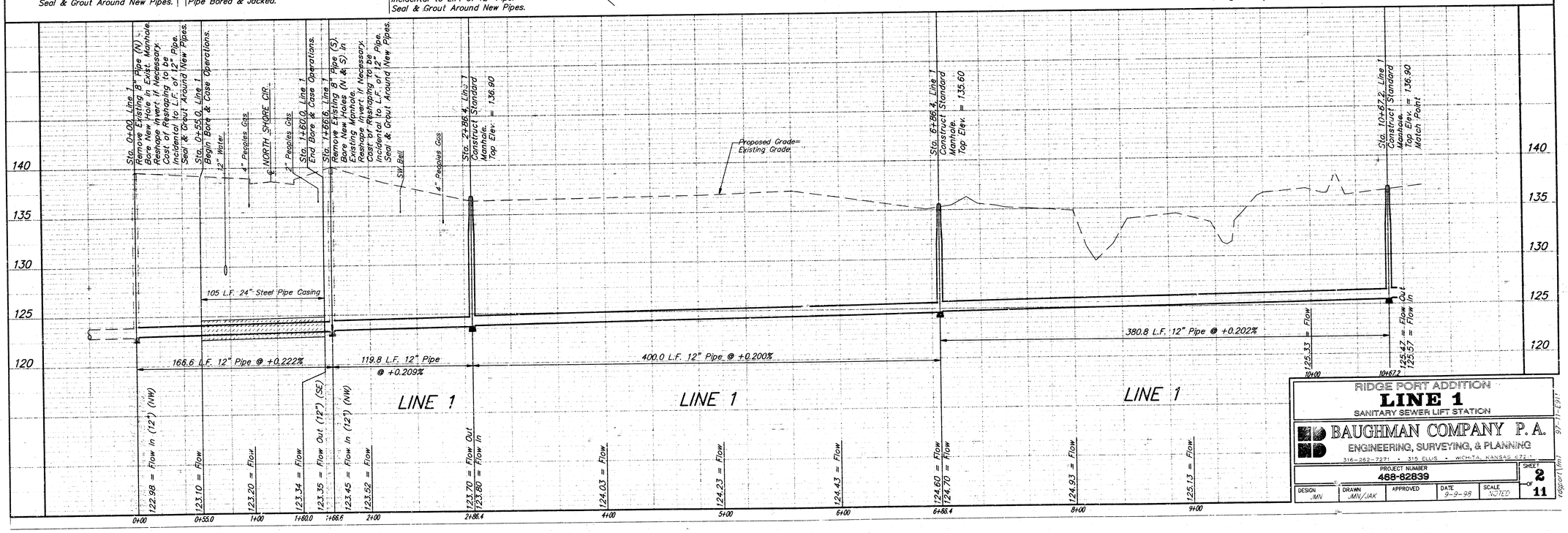
Sta. 0+55.0 to Sta. 1+60.0, Line 1
Bore & Case 12" Pipe in 24" Casing. Alignment & Flowline Grade of 12" Pipe to Match Existing 8" Pipe. Cost of Bore & Casing to be Incidental to L.F. of 24" Casing Pipe Bored & Jacked.

Sta. 1+66.6, Line 1
Remove Existing 8" Pipe (S). Bore New Holes (N & S) in Existing Manhole. Reshape Invert if Necessary. Cost of Reshaping to be Incidental to L.F. of 12" Pipe. Seal & Grout Around New Pipes.

RESERVE "A"

BAREFOOT BAY ADDITION

UNPLATTED



RIDGE PORT ADDITION
LINE 1
SANITARY SEWER LIFT STATION

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
468-82839	2 of 11

DESIGN	DRAWN	APPROVED	DATE	SCALE
JMN	JMN/JAK		9-9-98	NOTED

97-11-E011
logport\Vm1

BENCHMARK:

City Disc 45' North of 1/4 Corner, 1/2 Mile East of Ridge Road on 29th St. North.
Elev. = 1328.47 NGVD
= 141.07 City Datum

City Disc at S.W. Corner of R.C.B.C. for Big Slough at Ridge Road
Elev. = 1331.62 NGVD
= 144.22 City Datum

Sta. 10+67.2, Line 1 Match Point

Remove Existing Trees Only as Necessary For Construction. Cost to be Included in Bid Item "Site Clearing & Restoration"

CAUTION! U/G SWB Crossing

LINE 1

30' Sanitary Sewer Easement by Separate Instrument

UNPLATTED

Ritchie Corporation

Install 6" Force Main Location Sign (See Detail, Sheet 6)

Contractor shall Coordinate with Ritchie Corporation to Remove & Replace Soil Separator, Trailer Ramp, & Concrete as Necessary for Construction. Cost of Removal & Replacement to be Incidental to Other Items in the Project.

UNPLATTED

Rich-Mix Products Corporation

Install 6" Force Main Location Sign (See Detail, Sheet 6)

Sta. 19+00.0, Line 1 Match Line

SCALE:
1" = 40' HORIZONTAL
1" = 5' VERTICAL
• = IRON

177°58'25"

10"

R/W

UG SWB

SWB Ped

PP

UG SWB

UG SWB

UG SWB

UG SWB

UG SWB

UG SWB

R/W

CAUTION! U/G SWB Crossing

707.29'

178.19'

LINE 1

10'

100' R/W

℄ CENTRAL KANSAS RAILWAY

Sta. 13+47.2, Line 1
Construct Special Outside Drop Manhole (See Detail, Sheet 6).
1-4" Stub (E)
Top Elev. = 137.80
Begin Construction of 6" Force Main (N)

Sta. 15+96.3, Line 1
Deflect Pipe 0°28'55" Rt.

Contractor shall Backfill & Compact Drive to 95% Standard Density. Drive Surfacing (6") shall be Replaced in Kind. Cost of Backfill, Compaction, & Surfacing to be Incidental to Other Items in the Project.

CAUTION! U/G SWB Crossing

CAUTION! O/H Elec. Crossing

100' R/W

R/W

2-12" Evergreens

50' City of Wichita Water System Easement

UNPLATTED

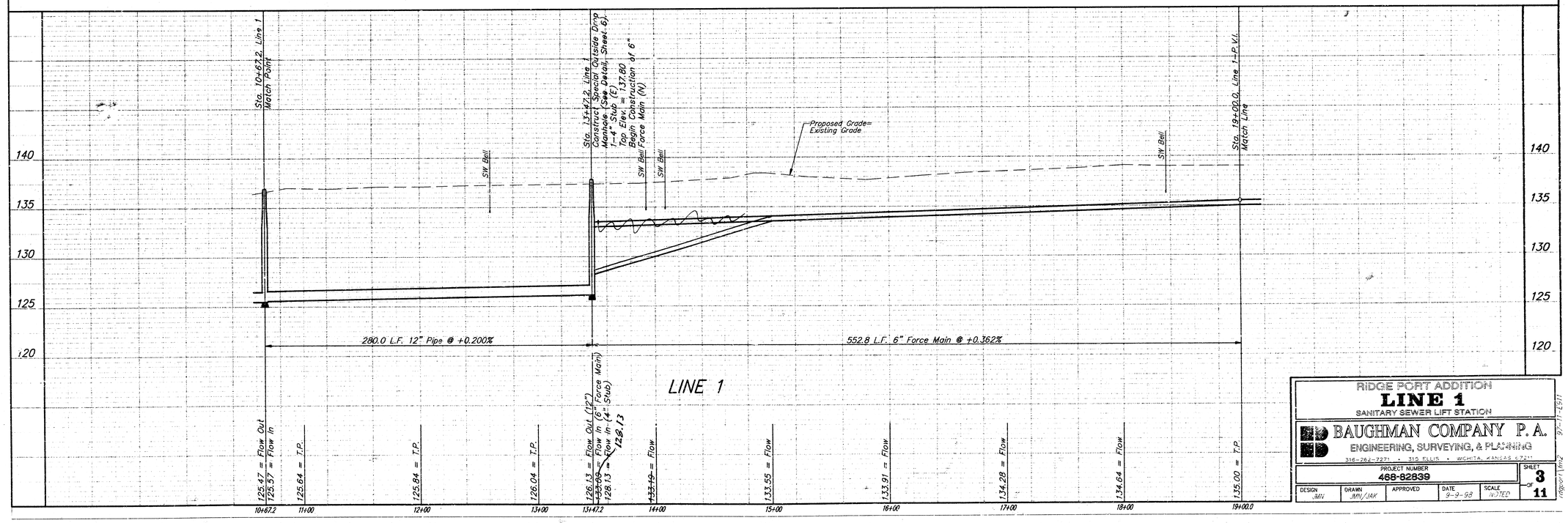
Rich-Mix Products Corporation

UNPLATTED

Sta. 19+00.0, Line 1 Match Line

Contractor shall Coordinate Force Main Construction through Drive with Ritchie Corporation. Drive provides Access to Business on East Side of Railroad Tracks.

Costs of Dewatering, Shoring, Pipe Supports, Pipe Supports, Backfill Compaction, and etc. shall be Incidental to Other Items in the Project.



RIDGE PORT ADDITION
LINE 1
SANITARY SEWER LIFT STATION

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
468-82839	3 OF 11

DESIGN	DRAWN	APPROVED	DATE	SCALE
JMN	JMN/JAK		9-9-98	NOTED

9-11-1511
ridgport1.mx2

BENCHMARK:

City Disc 45' North of 1/4 Corner, 1/2 Mile East of Ridge Road on 29th St. North.
Elev. = 1328.47 NGVD
= 141.07 City Datum

City Disc at S.W. Corner of R.C.I.& C. for Big Slough at Ridge Road
Elev. = 1331.62 NGVD
= 144.22 City Datum

Sta. 19+00.0, Line 1 Match Line

UNPLATTED

Rich-Mix Products Corporation

Install 6" Force Main Location Sign (See Detail, Sheet 3)

Sta. 22+00.7 to Sta. 24+62.9, Line 1 Bore & Case 6" PVC in 14" Steel Pipe. Cost of Bore & Casing to be Incidental to L.F. of 14" Casing Pipe Bored & Jacked.

UNPLATTED

Install 6" Force Main Location Sign (See Detail, Sheet 3)

Sta. 27+40.0, Line 1 Match Line

SCALE:
1" = 40' HORIZONTAL
1" = 5' VERTICAL
• = IRON

50' Sanitary Sewer Easement by Separate Instrument

Railroad Car Shops

Siding

Overhead Steel Poles

Water

UG SWB

R/W

LINE 1

CAUTION! U/G Gas Crossing

℄ CENTRAL KANSAS RAILWAY

100' R/W

Sta. 21+90.7, Line 1–P.I. Deflect 0°28'55" Lt.

CAUTION! O/H Elec. Crossing

Sta. 24+72.9, Line 1–P.I. Deflect 0°40'26"

50' City of Wichita Water System Easement

Contractor shall Coordinate with Ritchie Corporation to Remove & Replace Equipment, Supplies, & Concrete as Necessary for Construction. Cost of Removal & Replacement to be Incidental to Other Items in the Project.

Contractor to Contact:
Calvin Briggs
Peoples Natural Gas Company
942–0677
a Minimum of 7 (Seven) Days PRIOR TO CONSTRUCTION.

Contractor may Replace Bore & Casing with Directional Boring, subject to Engineer's Approval.

Costs of Dewatering, Shoring, Pipe Supports, Pipe Supports, Backfill Compaction, and etc. shall be Incidental to Other Items in the Project.

Sta. 19+00.0, Line 1–P.V.I.

SW Bell

4" Peoples Gas 5'-4"

Sta. 22+00.7, Line 1 Begin Bore & Case Operation

SW Bell

R.R. Tracks

Sta. 24+62.9, Line 1 End Bore & Case Operation

Proposed Grade = Existing Grade

Sta. 27+40.0, Line 1–P.V.I.

140
135
130
125

262.2 L.F. 14" Steel Casing Pipe

840.0 L.F. 6" Force Main @ +0.179

LINE 1

135.00 = Flow
135.18 = Flow
135.36 = Flow
135.54 = Flow
135.71 = Flow
135.89 = Flow
136.01 = Flow
136.07 = Flow
136.25 = Flow
136.43 = Flow
136.60 = Flow

19+00.0
20+00
21+00
22+00.7
23+00
24+00
24+62.9
25+00
26+00
27+00
27+40.0

RIDGE PORT ADDITION
LINE 1
SANITARY SEWER LIFT STATION

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
488-82839	4 OF 11

DESIGN	DRAWN	APPROVED	DATE	SCALE
JMN	JMN/JAK		9-9-98	NOTED

97-11-L911
rdprof\fm3

BENCHMARK:

City Disc 45' North of 1/4 Corner, 1/2 Mile East of Ridge Road on 29th St. North.
Elev. = 1323.47 NGVD
= 141.07 City Datum

City Disc at S.W. Corner of R.C.B.C. for Big Slough at Ridge Road
Elev. = 1331.62 NGVD
= 144.22 City Datum

SCALE:
1" = 40' HORIZONTAL
1" = 5' VERTICAL
• = IRON

Sta. 27+40.0, Line 1 Match Line

UNPLATTED

Rich-Mix Products Corporation

Renee M. Richards

Terry A. & Renee M. Richards

Terry A. Richards

UNPLATTED

29th STREET NORTH

UNPLATTED

Install 6" Force Main Location Sign (See Detail, Sheet 3)

Sta. 30+48.0, Line 1 Deflect Pipe 3°49'21" Rt.

LINE 1

Caution! OH Electric Line Crossing

Sta. 34+21.8, Line 1 1 – 8" 45° CIMJ Bend

Install 6" Force Main Location Sign (See Detail, Sheet 3)

Sta. 34+01.8, Line 1 1 – 6" 45° CIMJ Bend

Sta. 34+39.7 to Sta. 35+07.9, Line 1 Bore & Case 6" PVC in 14" Steel Pipe.
Cost of Bore & Casing to be Incidental to L.F. of 14" Steel Casing Bored & Jacked.

"U" Sanitary Sewer Equipment By Separate Instrument

176°51'5"

42°11'29"

45°0'0"

171.86'

33.26'

36.12'

9.85'

R/W

100' R/W

℄ CENTRAL KANSAS RAILWAY

Caution! OH Electric Line Crossing

LINE 1

Caution! 16" Wtr Line Crossing

Caution! SWB Line Crossing

Caution! AT&T Fiber Optic Line Crossing

Sta. 28+98.0, Line 1 Deflect Pipe 3°08'55" Lt.

Remove Existing Trees Only as Necessary For Construction. Cost to be Included in Bid Item "Site Clearing & Restoration"

Contractor shall Backfill & Compact Drive to 95% Standard Density. Drive Surfacing (6") shall be Replaced in Kind. Cost of Backfill, Compaction, & Surfacing to be Incidental to Other Items in the Project.

50' City of Wichita Water System Easement

Sta. 35+29.5, Line 1 Install 34.0 L.F. Concrete Encasement per City Specs

Sta. 35+80.4, Line 1 1 – 6" 45° CIMJ Bend

Caution! City of Wichita 66" Raw Water Line Crossing

10" Sanitary Sewer "By Others" City Proj. # 468-82840

Sta. 35+85.2, Line 1 Construct 6' x 6' Valve Vault, 6' Diameter Wetwell and Pump Station. See Site Plan and Details (Sheets 6 & 7)

LOT 1, BLOCK 1
RIDGE PORT ADDITION

Contractor shall Coordinate with Ritchie Corporation to Remove & Replace Equipment, Supplies, & Concrete as Necessary for Construction. Cost of Removal & Replacement to be Incidental to Other Items in the Project.

Remove & Replace Existing Fence as Necessary For Construction. Cost to be Included in Bid Item "Site Clearing & Restoration"

Contractor to Contact: Ron Preuss, Rail Master Central Kansas Railway 263-3240 a Minimum of 7 (Seven) Days PRIOR TO CONSTRUCTION.

Contractor to Contact: AT&T Fiber Optic Walt Frock at 648-0941 a Minimum of 7 (Seven) Days PRIOR TO CONSTRUCTION.

Contractor may Replace Bore & Casing with Directional Boring, subject to Engineer's Approval.

Contractor shall Coordinate Force Main Construction through Drive with Residents.

Costs of Dewatering, Shoring, Pipe Supports, Backfill Compaction, and etc. shall be Incidental to Other Items in the Project.

Sta. 27+40.0, Line 1 Match Line

Sta. 30+56.0, Line 1 P.I.

Proposed Grade= Existing Grade

Sta. 34+01.8, Line 1 1 – 6" 45° CIMJ Bend

Sta. 34+27.8, Line 1 P.I.

Sta. 34+34.7, Line 1 P.I.

Sta. 35+07.9, Line 1 P.I.

Sta. 35+29.5, Line 1 P.I.

Sta. 35+80.4, Line 1 P.I.

Sta. 35+85.2, Line 1

Cl. Central Kansas Railway

SW Rail

Section Line = Cl. 29th Street North

AT&T Fiber Optic

Install 34.0 L.F. Concrete Encasement per City Specs

Exist. 18" Water

66" Raw Water

1 – 8" 45° CIMJ Bend

Construct 6' x 6' Valve Vault, 6' Diameter Wetwell and Pump Station. See Site Plan and Details (Sheets 6 & 7)

68.2 L.F. 14" Steel Pipe Casing

316.0 L.F. 6" Force Main @ -0.981%

365.8 L.F. 6" Force Main @ +0.290%

86.1 L.F. 6" Force Main @ 0.000%

21.6 L.F. 6" Force Main @ +2.315%

55.7 L.F. 6" Force Main @ 0.000%

LINE 1

136.50 = Flow
135.91 = Flow
134.93 = Flow
133.95 = Flow
132.40 = Flow
133.53 = Flow
133.82 = Flow
134.11 = Flow
134.44 = Flow
134.50 = Flow
134.50 = Flow
134.50 = Flow
135.00 = Flow
135.00 = Flow

27+40.0 28+00 29+00 30+00 30+56.0 31+00 32+00 33+00 34+01.8 34+21.8 34+34.7 35+07.9 35+29.5 35+80.4 35+85.2

145 140 135 130

RIDGE PORT ADDITION
LINE 1
SANITARY SEWER IMPROVEMENTS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7221 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER 468-82832

DESIGN	DRAWN	APPROVED	DATE	SCALE
JMN	JMN/JAK		9-9-98	NOTED

SHEET 5 OF 11

97-1-E911

c:\dgn\1\m4

Notes:

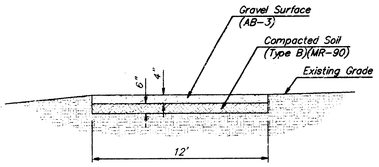
The Price Bid for Furnishing and Installing the Wet Well Mounted Lift Station With Standby Emergency Power and Miscellaneous Appurtenances Complete in Place Shall Include All Costs for Furnishing and Installing the Lift Station as Indicated Complete in Place and in Operation. This Price Shall Include the Cost of Constructing and/or Installing Compacted Subgrade, Concrete Pad, Power Pole, Electrical Conduit, Electrical Wiring, Disconnect Switch, Primary and Secondary Electrical Power Supply, Natural Gas Fuel Supply, Reinforced Concrete Valve Vault, Fiberglass Building, Finished Grading, and any Other Incidentals Necessary to Complete the Work.

The Contractor Shall be Responsible for Arrangements with the Gas Company for Extension of Gas Service to the Lift Station Site and For Payment of Costs of such Extension and Meter Setting. Locotion of Meter to be Acceptable to Gas Service Company and to City of Wichita Sewer Maintenance Department.

The Contractor Shall Coordinate with KGE/Electric Company to Extend 3Ø Electrical Service to the Lift Station Site.

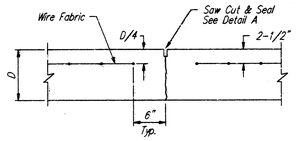
Lift Station Information

	Pump	Flow	TDH	Motor HP	Impeller Code	RPM	Elec. Serv. Req.
No. 1	C-3085	220 gpm	26.7'	3	434 MT	1750	208V, 3 Phase, 4 Wire
No. 2	C-3085	220 gpm	26.7'	3	434 MT	1750	208V, 3 Phase, 4 Wire



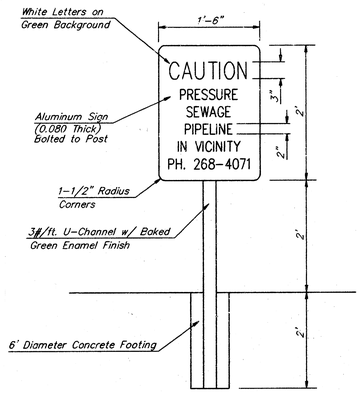
ACCESS ROAD DETAIL

No Scale



CONTRACTION JOINT DETAIL (C.J.)

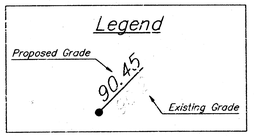
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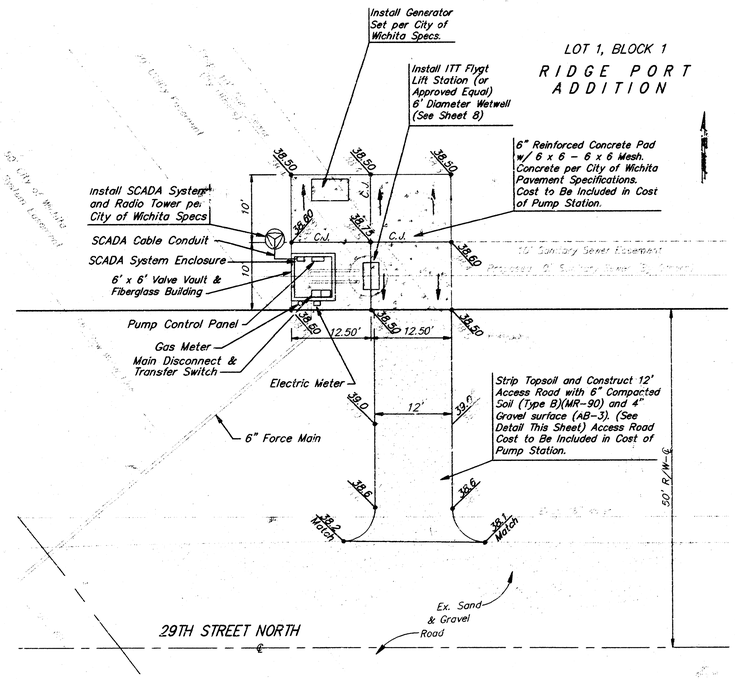


METAL WARNING SIGN DETAIL

No Scale

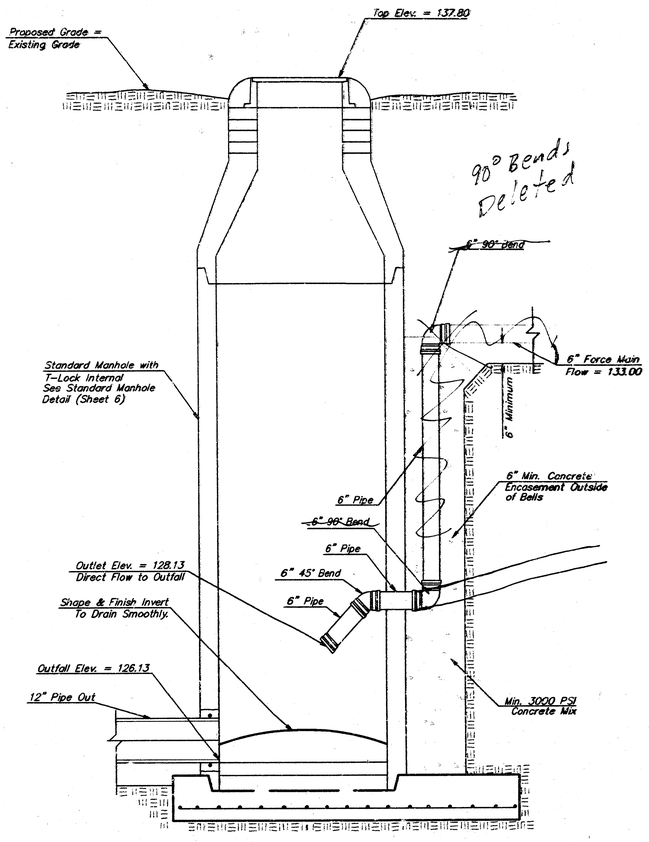
Note: Install Metal Warning Signs at Locations as Shown on the Plans. Exact Location of Warning Signs shall be as Approved by the Engineer. Cost of Warning Signs shall be Incidental to L.F. " 6" Sanitary Sewer Force Main".





RIDGE PORT ADDITION LIFT STATION

Scale: 1" = 10'



SPECIAL OUTSIDE DROP MANHOLE DETAIL

No Scale

Note:

All Costs Associated with Construction of Special Outside Drop Manhole Including But Not Limited to 6" Pipe, All 6" Fittings, T-Lock Internal Coating and Concrete Encasement Mix Shall be Included in Price for Bid Item "Special Outside Drop Manhole."

RIDGE PORT ADDITION

SITE PLAN

SANITARY SEWER PUMP STATION

BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, & PLANNING

316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
488-62839	6 OF 11

DESIGN	DRAWN	APPROVED	DATE	SCALE
BLP/DMV	JAK		9-9-98	NOTED

ridgeport/siteplan

Notes:

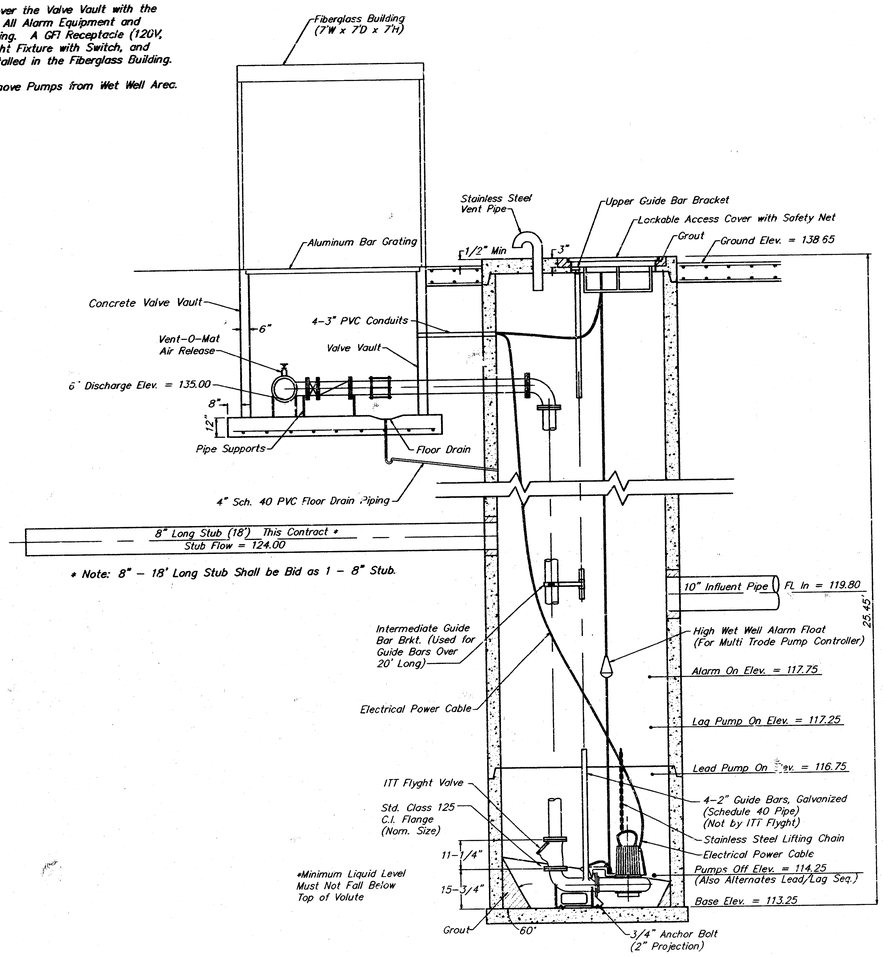
The Contractor shall Contact the City of Wichita Water & Sewer Dept. (Mr. Larry Koontz) at 529-9987 or 529-9900 at Least 48 Hours Prior to Startup of the Pump Station.

The Contractor shall Provide Separate Conduits for the Pump Power Cables and the High Level Alarm Sensor. The Contractor shall Route Conduits from the Wet Well to the Fiberglass Building. All Electrical Conduits shall be Robroy type. Electrical Boxes shall be Lockable. PVC or Fiberglass Electrical Boxes will not be Allowed. Run Status Relays for the Pumps and Generator shall be Provided.

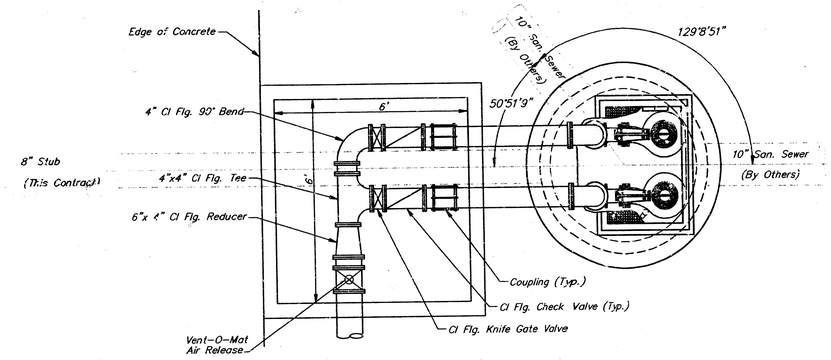
Unless Otherwise Noted, all Force Main Piping shall be Ductile Iron to 5' Outside the Valve Vault. All Interior Piping shall be Flanged Joint.

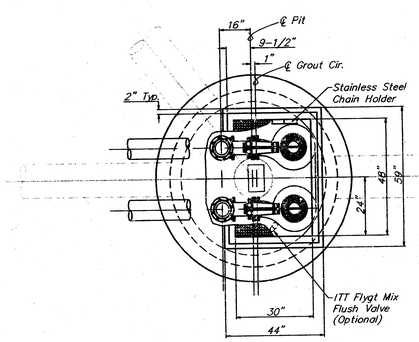
The Fiberglass Building shall be installed over the Valve Vault with the Entry Door Opening Towards the Wet Well. All Alarm Equipment and Controls shall be Mounted Inside the Building. A GFI Receptacle (120V, 20 Amp Duplex), a 150W Incandescent Light Fixture with Switch, and an Exhaust Fan shall be Supplied and Installed in the Fiberglass Building.

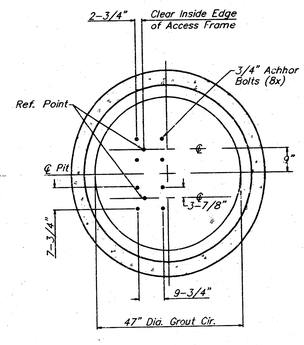
A Portable Hoist shall be Provided to Remove Pumps from Wet Well Area.



WET WELL DETAIL
No Scale







RIDGE PORT ADDITION

PUMP STATION DETAILS

SANITARY SEWER PUMP STATION

BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, & PLANNING

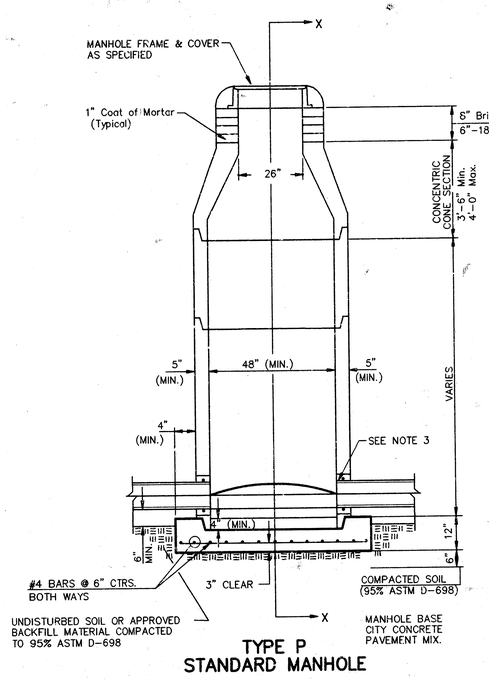
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
468-82839	7 OF 11

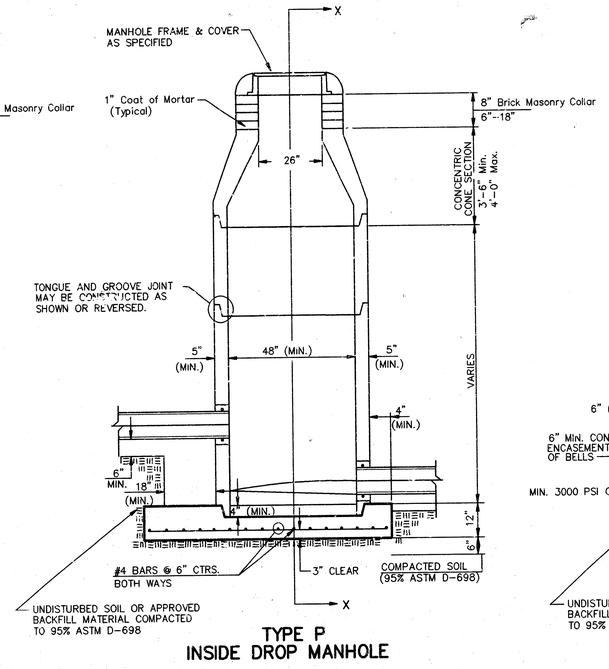
DESIGN	DRAWN	APPROVED	DATE	SCALE
BLP/DMV	JAK		9-9-98	NONE

rdgpsn1/pumpdet

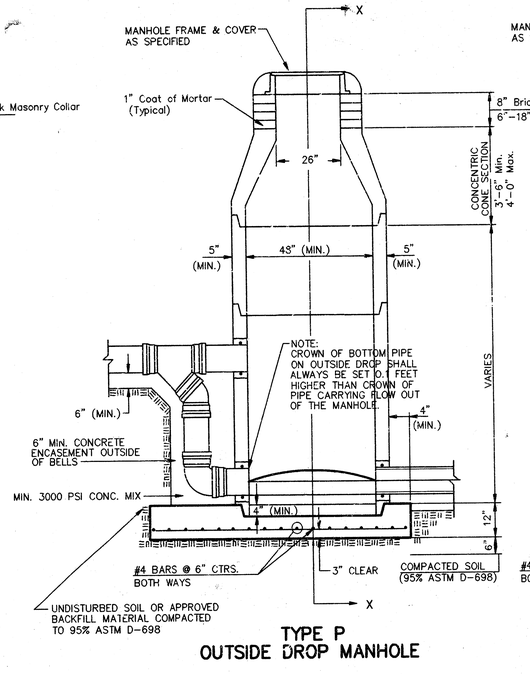
SEWER APPURTENANCES DETAILS



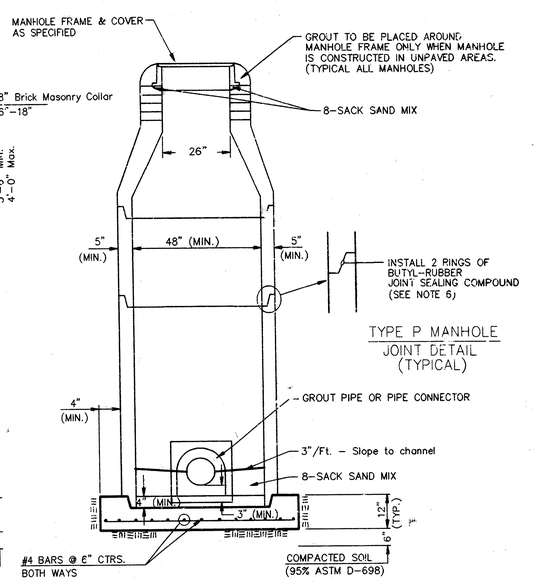
TYPE P
STANDARD MANHOLE



TYPE P
INSIDE DROP MANHOLE



TYPE P
OUTSIDE DROP MANHOLE

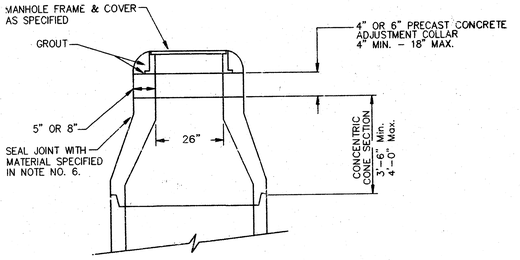


SECTION X
(TYPICAL)

GENERAL NOTES

PRECAST MANHOLE NOTES

1. ALL PRECAST CONCRETE MANHOLE SECTIONS SHALL CONFORM TO THE LATEST REVISIONS OF A.S.T.M. C478 AS MODIFIED BY THE SPECIFICATIONS.
2. NON-SHRINK GROUT SHALL BE NON-METALLIC TYPE.
3. APPROVED FLEXIBLE WATERSTOP GASKETS SHALL BE INSTALLED TO JOIN THE SEWER TO THE MANHOLE WALL WHEN A.B.S. COMP PIPE OR P.V.C. PIPE IS USED. FOR OTHER TYPES OF PIPE ... SEWER SHALL BE GROUTED IN PLACE WITH NON-SHRINK GROU... SEWER PIPE SHALL BE SUPPORTED WITH CONCRETE ENCASEMENT A MINIMUM OF 3 FEET FROM THE MANHOLE WALL AND TO THE FIRST JOINT FOR V.C.P. SUCH THAT THE JOINT REMAINS FLEXIBLE.
4. ALL INSIDE SURFACES OF THE CONCRETE MANHOLE WHICH WOULD BE EXPOSED TO SEWER GAS SHALL BE COATED WITH 2 COATS TNEMEC SERIES 66 HI-BUILD EPOXOLINE, DRY THICKNESS OF 8 MILS (Min.)
5. EXTERIOR MANHOLE WALLS SHALL BE COATED WITH 1 COAT MOBILARMA 633 BITUMINOUS COATING.
6. JOINT SEALING COMPOUND SHALL BE KENT SEAL NO. 2 OR APPROVED EQUAL.
7. PRECAST MANHOLES SHALL BE SET AT LEAST 4 INCHES INTO THE MANHOLE BASE.
8. TOP OF MANHOLE FLOOR SLAB SHALL BE AT LEAST 3 INCHES BELOW THE FLOW LINE OF THE OUTLET PIPE TO INSURE SUFFICIENT MINIMUM THICKNESS OF SHAPED INVERT.
9. LIFTING HOLES SHALL BE FILLED WITH NON-SHRINK GROUT AND THE INTERIOR SURFACE COATED AS SPECIFIED.
10. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN ... SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE PAVEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE SMALLER THAN 24" SHALL HAVE AN INSIDE DIAMETER OF 4'. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE 24" OR LARGER SHALL HAVE AN INSIDE DIAMETER OF 5'. COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.
11. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 6" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED AT LEAST 3" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
12. OPENINGS SHALL BE CUT INTO THE MANHOLE WALL WHEN OUTSIDE DROPS ARE CONSTRUCTED ON EXISTING MANHOLES. SUCH OPENINGS CUT INTO EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND GROUTING THE NEW PIPE IN PLACE. WATERSTOP GASKETS SHALL BE USED WITH P.V.C. AND A.B.S. COMPOSITE PIPE. THE NEW PIPE SHALL BE GROUTED INTO THE OPENING USING AN APPROVED NONSHRINK GROUT FOR THE FULL MANHOLE WALL THICKNESS. THE EXTERIOR OF THE COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT. FLOOR OF MANHOLE SHALL BE MODIFIED TO FORM NEW FLOW CHANNEL FOR THE NEW CONNECTION AS INDICATED BY THE DRAWING. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED ON EXISTING MANHOLE.
13. THE FLOORS OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE DRAWINGS EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO NEAT LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.
14. PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRADLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MANHOLE. THE CRADLE SHALL BE TERMINATED AT THE CLAY PIPE JOINT IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRADLE WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.
15. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.
16. THE VERTICAL DROP IN INSIDE DROP MANHOLES SHALL NOT EXCEED 2' FOR INFLOWING PIPES SIZED 12" OR SMALLER AND 2' FOR INFLOWING PIPES LARGER THAN 12". THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.
17. STANDARD MANHOLES AND STANDARD INSIDE DROP MANHOLES SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.
18. A BRICK MASONRY COLLAR SHALL BE INSTALLED BETWEEN THE CAST IRON FRAME AND THE CONCENTRIC CONE. THE COLLAR WILL HAVE 8" WALLS AND A VERTICAL HEIGHT OF 6" MINIMUM AND 18" MAXIMUM. A 1" COAT OF MORTAR WILL BE PLASTERED ON THE OUTSIDE OF THE COLLAR. THE USE OF PRE-CAST CONCRETE SPACERS FOR MANHOLE TOP ADJUSTMENT IS ALSO ALLOWED.



ALTERNATE CONSTRUCTION
IN UNPAVED AREAS

CITY OF WICHITA
STD. MANHOLE DETAILS
& SEWER APPURTENANCES DETAIL

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-2221 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
468-82839	8 OF 11

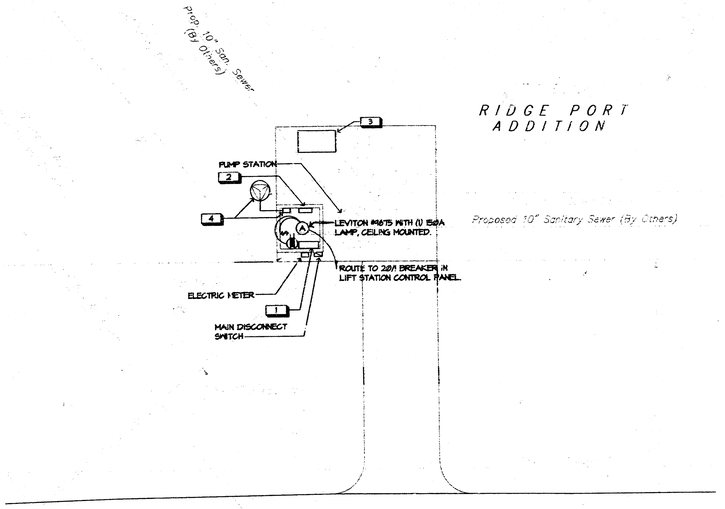
DESIGN	DRAWN	APPROVED	DATE	SCALE
C.O.W.	Staff			NONE

DETAILS1.DWG

PLAN NOTES

SVA

SYMBOL	DESCRIPTION
1	NEW LIFT STATION CONTROL PANEL TO INCLUDE THE FOLLOWING BREAKERS: (2) 15/3 FOR PUMPS (1) 20/1 FOR GENERATOR BATTERY CHARGER (1) 20/1 FOR JACKET WATER HEATER (1) 20/1 FOR SCADA CONTROL PANEL (1) 20/1 FOR LIGHT AND RECEPTACLE PROVIDE ALL WIRING AND CONNECTIONS PER MANUFACTURERS REQUIREMENTS. PROVIDE COMPLETE UNIT PER CITY OF WICHITA SPECIFICATIONS AND REQUIREMENTS
2	NEW AUTOMATIC TRANSFER SWITCH. 150 AMP, 3 POLE, 208 VOLT, 3 PHASE WITH SOLID NEUTRAL AND GROUND BAR. PROVIDE WITH AUTOMATIC WEEKLY EXERCISER. PROVIDE COMPLETE UNIT PER CITY OF WICHITA SPECIFICATIONS AND REQUIREMENTS.
3	NEW EMERGENCY GENERATOR. NATURAL GAS, 35 KW, 120/208 VOLT, 3 PHASE, 4 WIRE PLUS GROUND WITH AUTO START, WEATHERPROOF ENCLOSURE AND ALL ASSOCIATED EQUIPMENT TO PROVIDE AUTOMATIC EMERGENCY BACKUP POWER. PROVIDE COMPLETE UNIT PER CITY OF WICHITA SPECIFICATIONS AND REQUIREMENTS.
4	NEW SCADA (SITE CONTROL AND DATA ACQUISITION) SYSTEM. PROVIDE COMPLETE SYSTEM WITH CONTROL PANEL, ANTENNAE, TOWER AND RADIO TRANSMITTER. PROVIDE WIRING AND CONNECTION OF ALL REQUIRED POINTS TO GIVE A COMPLETE AND FUNCTIONAL SYSTEM. PROVIDE COMPLETE UNIT PER CITY OF WICHITA SPECIFICATIONS AND REQUIREMENTS.



SYMBOL LIST

SVA

SYMBOL	DESCRIPTION	MOUNTING
(A)	FLUORESCENT FIXTURE & FIXTURE LETTER	CEILING
(A)	FLUORESCENT FIXTURE & FIXTURE LETTER	CEILING
(A) (A)	INCAND. OR H.I.D. FIXTURE & FIXT. LETTER	SURF./RECESSED
(A)	INCAND. OR H.I.D. FIXTURE & FIXT. LETTER	WALL/BRACKET
(X) (X)	EXIT FIXT. - SHADING DENOTES FACE(S)	CEIL./WALL
	GFCI DUPLEX GROUNDED RECEPTACLE	1'-3" AFF
	DUPLEX GROUNDED RECEPTACLE	1'-3" AFF
	EXTERIOR GFCI RECEPT., WEATHERPROOF	1'-3" AFF
(S) (S)	SPECIAL OUTLET, SEE SCHEDULE OR AS NOTED	
	TELEPHONE OUTLET (P=PAY, 48"A/M, 48")	1'-3" AFF
$ $3 $4 PK	SWITCHES (1-POLE,3-WAY,4-WAY,PILOT,KEY)	4'-8" TO TOP
	JUNCTION BOX	
	FUSTAT	
	SPECIAL DEVICE AS NOTED ON PLAN	
	BRANCH CIRCUIT PANEL & PANEL DESIG.	6'-6"TO TOP
DS 30/3/240	H.D. SAFETY SWITCH (AMPS/POLE/VOL.: AGE)	6'-6"TO TOP
SB Ø/3/240	STARTER (SIZE/POLE/VOLTAGE)	6'-6"TO TOP
T	THERMOSTAT (BY M.C.)	4'-8" TO TOP
M	MOTOR	
	CONDUIT RUN 2#12 & 1#12 GRD.-1/2"C.	CEIL./WALL
	CONDUIT RUN 2 CIRCUIT,3#12 & 1#12 GRD.-1/2"C.	EARTH/FLOOR
	PARTIAL HOMERUN (MULTIPLE LOAD LOCATIONS)	
#12 3#12	SEE NOTE #7	
1	FEEDER IDENTIFICATION, SEE SCHEDULE	
WP	WEATHERPROOF	
a,b,c	INDICATES SWITCHING SCHEME	

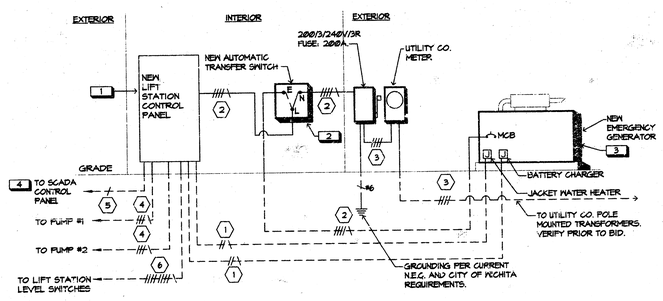
GENERAL NOTES

SVA

1. VERIFY ALL OUTLET LOCATIONS ON THE JOB PRIOR TO ROUGH-IN.
2. REFER TO RELATED ARCHITECTURAL, MECHANICAL, AND STRUCTURAL DRAWINGS FOR RELATED INFORMATION.
3. REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.
4. COORDINATE OUTLET BOX LOCATIONS WITH MASONRY TO MINIMIZE CUTTING OF BRICK OR BLOCK.
5. ALL MOUNTING HEIGHTS TO BOTTOM OF ITEM UNLESS OTHERWISE NOTED.
6. E.C. SHALL REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR THE REQUIREMENTS ASSOCIATED WITH WIRING AND CONNECTION OF INTERLOCKING AND CONTROLS OF MECHANICAL UNITS AND THERMOSTAT LOCATIONS.
7. CONDUIT RUN W/CONDUCTORS AS INDICATED, CONDUIT SIZE AS REQUIRED, CONDUIT RUN TO PANEL DEVICE SIZE AS INDICATED (AMP/POLE). CIRCUIT WITHOUT INDICATION IS ROUTED TO 20A/1P. BREAKER.
8. A GROUND CONDUCTOR SIZED PER N. E. C. ARTICLE 250 IS REQUIRED IN ALL POWER, RECEPTACLE, AND LIGHTING CIRCUITS. GROUND CONDUCTORS ARE NOT SHOWN ON DRAWINGS.

RIDGE PORT ADDITION LIFT STATION ELECTRICAL

Scale: 1" = 10'



RIDGE PORT ADDITION LIFT STATION ELECTRICAL RISER DIAGRAM

NOT TO SCALE

VOLTAGE: 120 / 208V 3Ø 4 WIRE

NOTES: 1. VERIFY ALL PRIMARY AND SECONDARY ELECTRICAL SERVICE ENTRANCE REQUIREMENTS WITH LOCAL UTILITY CO. CODES AND ORDINANCES PRIOR TO BID.

FEEDER SCHEDULE

SVA

FEEDER IDENT.	CONDUCTORS SETS	CONDUCTORS QUANT. PER SET	CONDUCTORS SIZE	GROUND SIZE PER SET	ISOLATED GRD. SIZE PER SET	CONDUIT SIZE PER SET
1	1	2	#12	#12	———	3/4"
2	1	4	#6	#6	———	1 1/2"
3	1	4	#1/0	———	———	3"
4	1	3	#12	#12	———	3/4"
5	1		(1)	———	———	3/4"
6	1	8	#12	#12	———	3/4"

(1) WIRING AS REQUIRED FOR ALL ALARM CONDITIONS AND TIE-INS PLUS 20% SPARES. VERIFY WITH MANUFACTURERS AND OWNER PRIOR TO BID.



Stefan, Nagrii & Associates

Electrical Engineering and Design

626 N. Broadway, Suite B
Wichita, Ks. 67214-3597
(316) 264-3091
FAX: (316) 264-3542

RIDGE PORT ADDITION
ELECTRICAL RISER AND SITE
SANITARY SEWER PUMP STATION

BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER				SHEET
468-82839				9 OF 11
DESIGN: SVA	DRAWN: SVA	APPROVED	DATE	SCALE: 1"=10'-0"

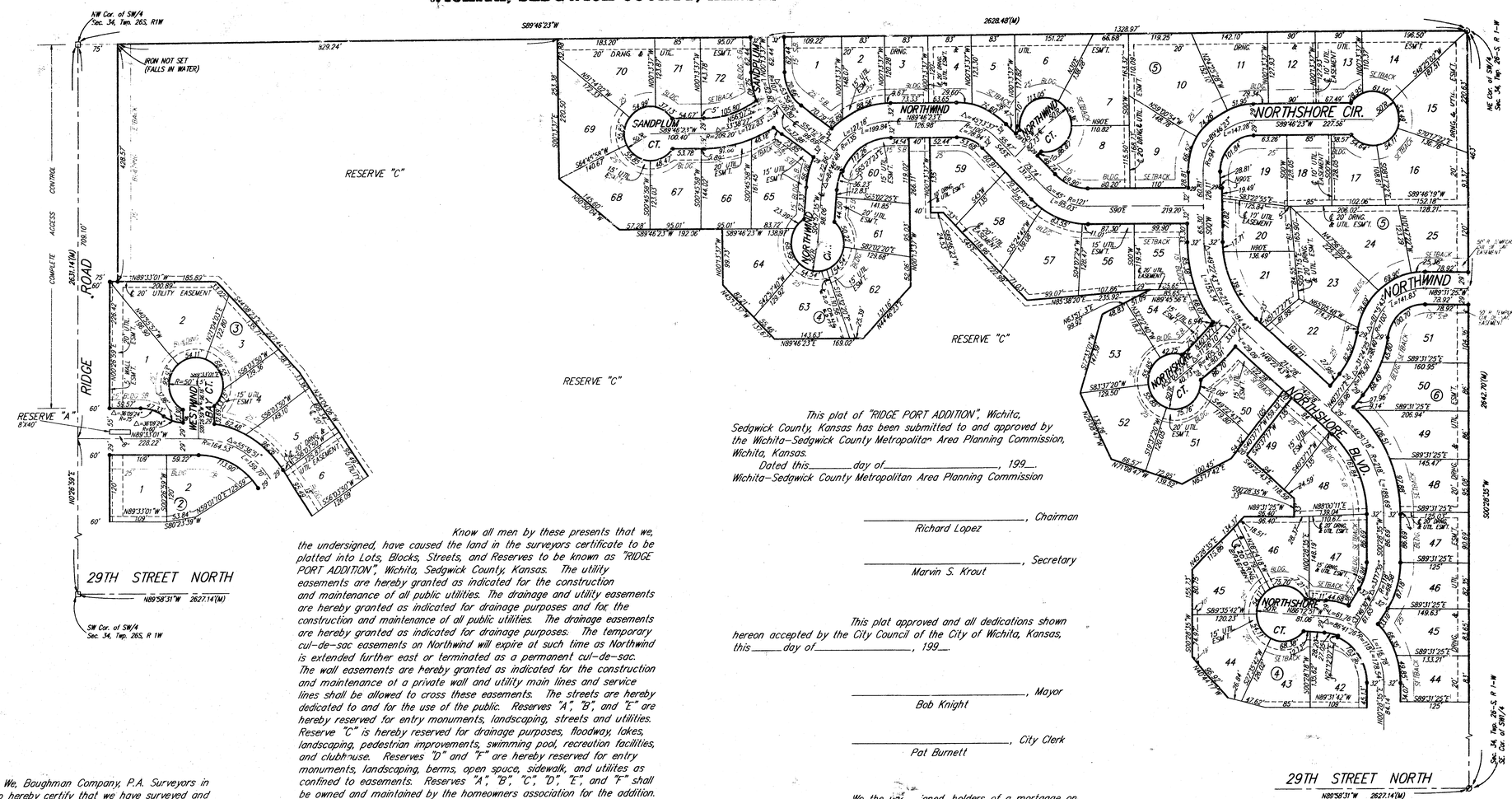
98129-015

S:\A_DWG NAME: 81298001.DWG; DATE: 09/10/98; TIME: 16:49

09-10-98

RIDGE PORT ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



(M) = Measured

□ = Railroad Spike
Ø = Found 3/4" Iron
○ = Found 3/8" Iron
• = Set #4 Baughman Rebar

NOTE:
PERIMETER BOUNDARY CORNERS HAVE BEEN SET. INTERNAL CONTROL POINTS ARE TO BE SET UPON COMPLETION OF SITE FILL WORK.

MINIMUM BUILDING PAD ELEVATION FOR LOWEST OPENING TO THE STRUCTURES		
BLOCK	LOT(S)	ELEVATION (PER CITY DATUM)
1	1	1139.6
3	1–16	1139.6
4	3–39, 44–46, 48–64, 66–70	1139.6

NOTE:
NO BUILDING PERMITS ARE TO BE ISSUED FOR ANY LOTS WITHIN "RIDGE PORT ADDITION" UNLESS THE LOWEST FLOOR CAN BE CONSTRUCTED AT OR ABOVE THE BASE FLOOD ELEVATION OF UNLESS: THE CITY OF WICHITA HAS RECEIVED A LETTER OF MAP REVISION FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY WHICH WILL THEN ALLOW BUILDINGS TO BE CONSTRUCTED AT THE LOWEST OPENING AS SPECIFIED ABOVE.

BENCHMARK:
CITY DISC – SW COR. RIDGE RD. & 29TH ST. NO., 80.8' S. & 63.7' W. OF ℄ BOTH.
ELEV. = 1139.15 CITY DATUM (1326.55 M.S.L.)

CITY DISC – SW HUB GUARD ON R.C.B.C., 1/2 MI. N. OF 29TH ST. NO. & RIDGE RD.
ELEV. = 1144.22 CITY DATUM (1331.62 M.S.L.)

State of Kansas) SS
Sedgwick County)

We, Baughman Company, P.A. Surveyors in aforesaid County and State do hereby certify that we have surveyed and platted "RIDGE PORT ADDITION", Wichita, Sedgwick County, Kansas and that the accompanying plat is a true and correct exhibit of the property surveyed, described as follows: The SW1/4 of Sec. 34, Twp. 26–S, R–1–W of the 6th P.M., Sedgwick County, Kansas, EXCEPT the Missouri–Pacific Railroad right–of–way, and EXCEPT that part lying south and west of said railroad right–of–way, and EXCEPT the west 60 feet and the south 50 feet thereof dedicated for road.

Existing public easements and dedications being vacated by virtue of K.S.A. 12–512(b).

Baughman Company, P.A.

Michael S. Conrey 1-15-98, Surveyor
Michael S. Conrey

KANSAS REGISTERED LAND SURVEYOR L.S. 677 MICHAEL S. CONREY 8th STREET

Know all men by these presents that we, the undersigned, have caused the land in the surveyors certificate to be platted into Lots, Blocks, Streets, and Reserves to be known as "RIDGE PORT ADDITION", Wichita, Sedgwick County, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The drainage and utility easements are hereby granted as indicated for drainage purposes and for the construction and maintenance of all public utilities. The drainage easements are hereby granted as indicated for drainage purposes. The temporary cul–de–sac easements on Northwind will expire at such time as Northwind is extended further east or terminated as a permanent cul–de–sac. The wall easements are hereby granted as indicated for the construction and maintenance of a private wall and utility main lines and service lines shall be allowed to cross these easements. The streets are hereby dedicated to and for the use of the public. Reserves "A", "B", and "E" are hereby reserved for entry monuments, landscaping, streets and utilities. Reserve "C" is hereby reserved for drainage purposes, floodway, lakes, landscaping, pedestrian improvements, swimming pool, recreation facilities, and clubhouse. Reserves "D" and "F" are hereby reserved for entry monuments, landscaping, berms, open spuce, sidewalk, and utilites as confined to easements. Reserves "A", "B", "C", "D", "E", and "F" shall be owned and maintained by the homeowners association for the addition. All abutters rights of access to or from Ridge Road over and across the west line of Lots 1, 5, 6, and 14, Block 2 and Lots 1, 17, and 18, Block 3, and Reserve "C" are hereby granted to the City of Wichita, Kansas. All abutters rights of access to or from 29th Street North over and across the south line of Reserves "C", "D" and "F", and Lots 1, 2, and 3, Block 4, and Lots 1, 2, 3, and 4, Block 6 are hereby granted to the City of Wichita, Kansas. All abutters rights of access to or from Ridge Road over and across the west line of Lot 1, Block 1 are hereby granted to the City of Wichita, Kansas provided, however, that said Lot 1, Block 1, shall have access to Ridge Road at one location over all except the south 150 feet as measured from the intersection of the centerline of the Missouri–Pacific Railroad right–of–way with the east line of the 40 foot road right–of–way of Ridge Road, all as shall be determined by the City Engineer of the City of Wichita, Kansas. All abutters rights of access to or from 29th Street North over and across the south line of Lot 1, Block 1, are hereby granted to the City of Wichita, Kansas provided, however, that said Lot 1, Block 1 shall have access to 29th Street North at two locations over all except the west 150 feet as measured from the intersection of the centerline of the Missouri–Pacific Railroad right–of–way with the north line of the 30 foot road right–of–way of 29th Street North, all as shall be determined by the City Engineer of the City of Wichita, Kansas. The Minimum Building Pad Elevations for the lowest opening to the structures shall be as indicated on the face of the plat.

RRGNL, L.L.C.

_____, Member
Jay W. Russell

This plat of "RIDGE PORT ADDITION", Wichita, Sedgwick County, Kansas has been submitted to and approved by the Wichita–Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this_____ day of_____, 199__.

Wichita–Sedgwick County Metropolitan Area Planning Commission

_____, Chairman
Richard Lopez

_____, Secretary
Marvin S. Krout

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this_____ day of_____, 199__.

_____, Mayor
Bob Knight

_____, City Clerk
Pat Burnett

We the undersigned, holders of a mortgage on the above described property, do hereby consent to this plat of "RIDGE PORT ADDITION", Wichita, Sedgwick County, Kansas.

The First National Bank

Chris A Anderson, Branch President
Chris A. Anderson

State of Kansas) SS
Sedgwick County)

The foregoing instrument acknowledged before me, this 20th day of MARCH, 1998, by Chris A. Anderson, Branch President of **The First National Bank, on behalf of the bank.**

Judith M. Terhune, Notary Public
JUDITH M. TERHUNE

My App't. Exp. 11-7-2001

JUDITH M TERHUNE
Notary Public - State of Kansas
My Appt. Expires 11-7-2001

State of Kansas) SS
Sedgwick County)

The foregoing instrument acknowledged before me, this 20TH day of JANUARY, 1998, by Jay W. Russell, Member of RRGNL, L.L.C., on behalf of the company.

Judith M. Terhune, Notary Public
JUDITH M. TERHUNE

My App't. Exp. 11-7-2001

JUDITH M TERHUNE
Notary Public - State of Kansas
My Appt. Expires 11-7-2001

Entered on transfer record this_____ day of_____, 199__.

_____, County Clerk
James Alford

State of Kansas) SS
Sedgwick County)

This is to certify that this plat has been filed for record in the office of the Register of Deeds, this_____ day of_____, 199__, at_____ o'clock____M; and is duly recorded.

_____, Register of Deeds

_____, Deputy

10/11

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
(316)- 262- 7271 • 315 ELLIS • WICHITA, KANSAS 67211

RIDGE PORT ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

SW Cor. of SW1/4 Sec. 34, Twp. 26S, R 1W

NW Cor. of SW1/4 Sec. 34, Twp. 26S, R 1W

NE Cor. of SW1/4 Sec. 34, Twp. 26-S, R 1-W

SE Cor. of SW1/4 Sec. 34, Twp. 26-S, R 1-W

S89°46'23"W 2628.48'(M)

S89°46'21"W 2628.48'(M)

RIDGE ROAD

WESTWIND BAY CT.

WESTWIND BAY

RIDGE PORT CIR.

RIDGE PORT CT.

NORTHSHORE BLVD.

NORTHSHORE CT.

LAKES

SHADOW LAKES CT.

SHADOW LAKES CIR.

RIDGE PORT

RESERVE "B" 8.440

RESERVE "C"

RESERVE "D" 0.07

RESERVE "E" 0.140

RESERVE "F" 0.140

M.O. P.A.C. R.R.

20' UTILITY EASEMENT

20' CITY OF WICHITA WATER SYSTEM EASEMENT (MISC. BOOK 338, PAGE 439, CASE #A-13401)

10' UTILITY EASEMENT

150' COMPLETE ACCESS CONTROL

ACCESS CONTROL EXCEPT 1 OPENING

COMPLETE ACCESS CONTROL

29TH STREET NORTH

2627.14'(M)

N89°58'31"W 1523.14'

150' COMPLETE ACCESS CONTROL

ACCESS CONTROL EXCEPT 2 OPENINGS

COMPLETE ACCESS CONTROL

COMPLETE ACCESSS CONTROL

0 100 200

(M) = Measured

□ = Railroad Spike
⊙ = Found 3/4" iron
○ = Found 3/8" iron
● = Set #4 Baughman Rebar

NOTE:
PERIMETER BOUNDARY CORNERS HAVE BEEN SET. INTERNAL CONTROL POINTS ARE TO BE SET UPON COMPLETION OF SITE FILL WORK.

MINIMUM BUILDING PAD ELEVATION FOR LOWEST OPENING TO THE STRUCTURES

BLOCK	LOT(S)	ELEVATION (PER CITY DATUM)
1	1	1.39.6
3	1–16	1.39.6
4	3–39, 44–46, 48–64, 66–70	1.39.6

NOTE:
NO BUILDING PERMITS ARE TO BE ISSUED FOR ANY LOTS WITHIN "RIDGE PORT ADDITION" UNLESS THE LOWEST FLOOR CAN BE CONSTRUCTED AT OR ABOVE THE BASE FLOOD ELEVATION OR UNLESS THE CITY OF WICHITA HAS RECEIVED A LETTER OF MAP REVISION FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY WHICH WILL THEN ALLOW BUILDINGS TO BE CONSTRUCTED AT THE LOWEST OPENING AS SPECIFIED ABOVE.

BENCHMARK:
CITY DISC – SW COR. RIDGE RD. & 29TH ST. NO., 80.8' S. & 63.7' W. OF ℄ BOTH.
ELEV. = 1.39.15 CITY DATUM (1.326.55 M.S.L.)

CITY DISC – SW HUB GUARD ON R.C.B.C., 1/2 MI. N. OF 29TH ST. NO. & RIDGE RD.
ELEV. = 144.22 CITY DATUM (1.331.62 M.S.L.)

11/11

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