PRIVATE SANITARY SEWER TO SERVE

# WESTLINK CHRISTIAN CHURCH ADDITION

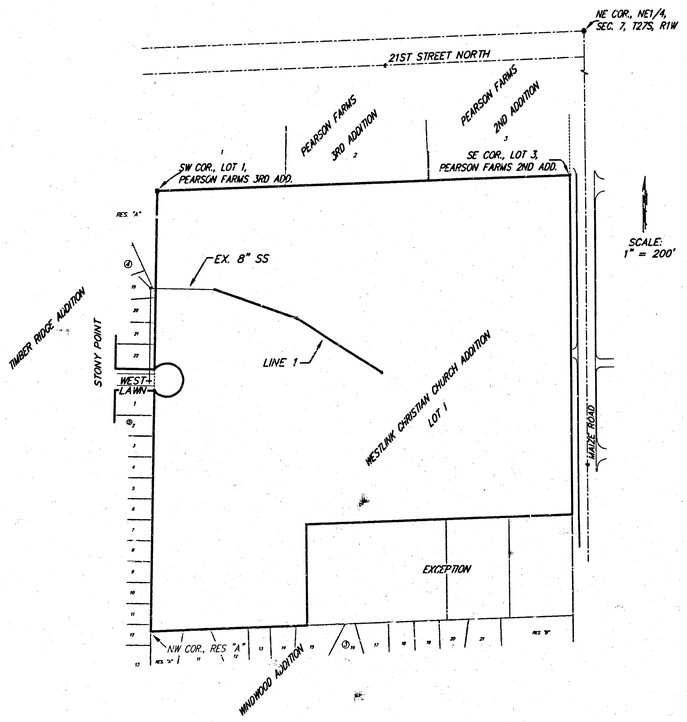
LOT 1

**Private Project Number: 1192 PPS (607861)**

CITY OF WICHITA, KANSAS

Michael E. Lindebak, P.E. City Engineer

DECEMBER 2001




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## Legal Description

Lot 1, Westlink Christian Church Addition, Wichita Sedgwick County, Kansas.

## Bench Marks

1. Maize Rd. and 17th Street North
   City of Wichita Bench Mark– 0.5 mi. South of 21st St.
   11.00' South of 1/4 Sec. Corner Iron.
   43.00' East of 1/4 Sec Corner Iron

   Elevation = 161.05 (Per City Record)

2. "□" Cut Located at the East Side of Maize
   Center Line Headwall of RCBC
   East Side of Maize Road
   760'± South of 21st St. North

   Elevation = 164.93 (City Datum)

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers VRH 12/27/01

NOTE TO CONTRACTORS

Installation, inspection and testing for this project is 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. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

## 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.

   | | |
   |---|---|
   | Cox Communications, Inc. | 262-0661 |
   | K.G.E. Electric Service | 383-8650 |
   | Kansas Gas Service | 383-8600 |
   | 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 which are in direct conflict 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 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 reestablished by a licensed land surveyor in accordance with state laws.

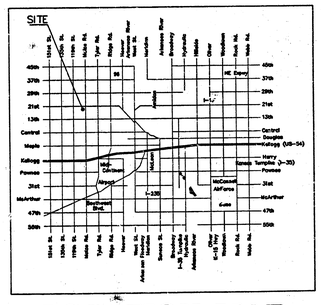
5. Contractor shall not start work on the project until the project inspector is assigned to the project and is present on the site. Any work done without inspection will be required to be uncovered for inspection.

6. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved.

7. All disturbed areas not intended for pavement or sidewalk construction shall be seeded with Kansas Premium Fescue Blend at a rate of 8 lb./1000 Sq. Ft., fertilized with a 16-20-6 ratio at a rate of 4 lb./1000 Sq. Ft., and mulched with Prairie Hay at a rate of 92 lb./1000 Sq. Ft. Mulch shall be "patted" with forks or punched into soil to reduce loss due to wind.

8. The Contractor may Contact Baughman Company For Staking, Inspection, and Certification Proposal.

Booked
4/22/02
P. 217
R DL




**LOCATION MAP**

McCullough

As Built 3/02 KK 12/24/2001


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


F:\ENG\Westlink CC\SSCOV2.DWG-SCL

18 1K 03 15

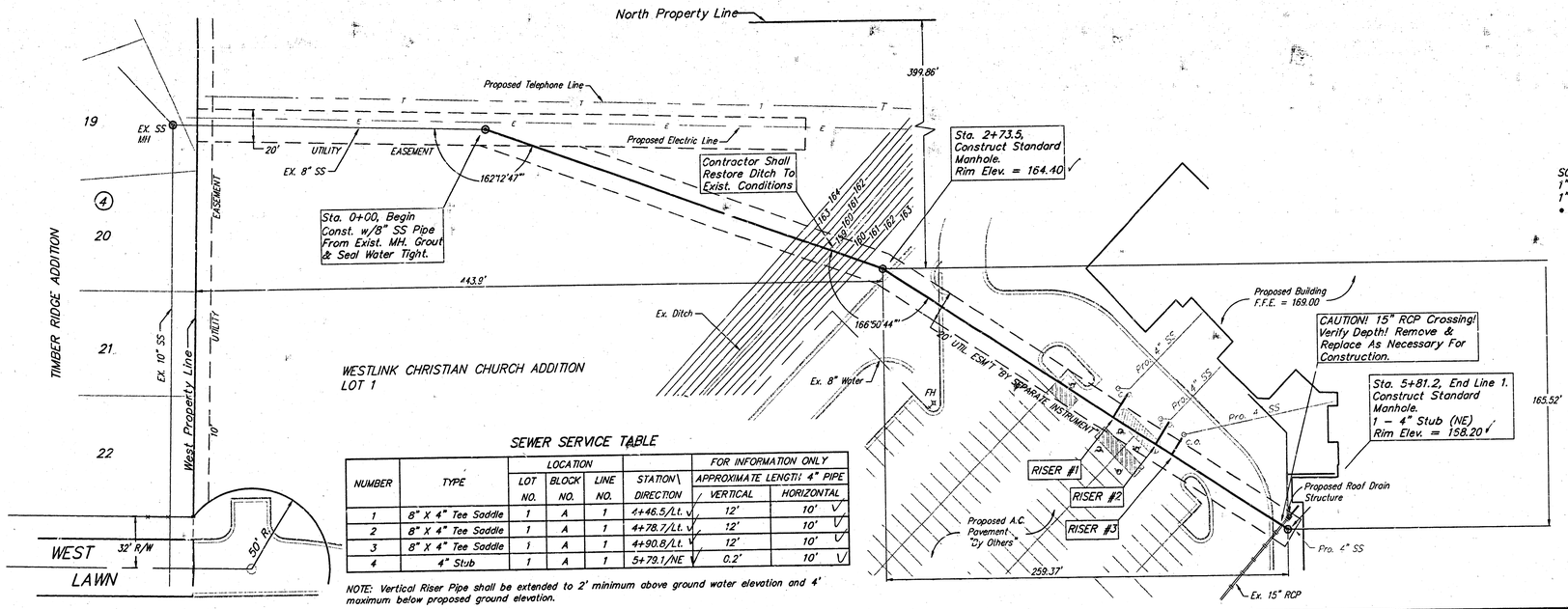
## Bench Marks

1. Maize Rd. and 17th St. North
   COW Bench Mark. 0.5 miles south of 21st St.
   11.00 ft. South of 1/4 section corner iron.
   43.00 ft. East of 1/4 section corner iron

   Elevation: 161.05 (City Datum)
   1348.45 (MSL)

2. "□" Located on the East side of Maize Rd. on the C of Headwall of the RCBC Located 760 ft. + South of the 21st & Maize Intersection.

   Elevation: 164.93 (City Datum)
   1352.33 (MSL)

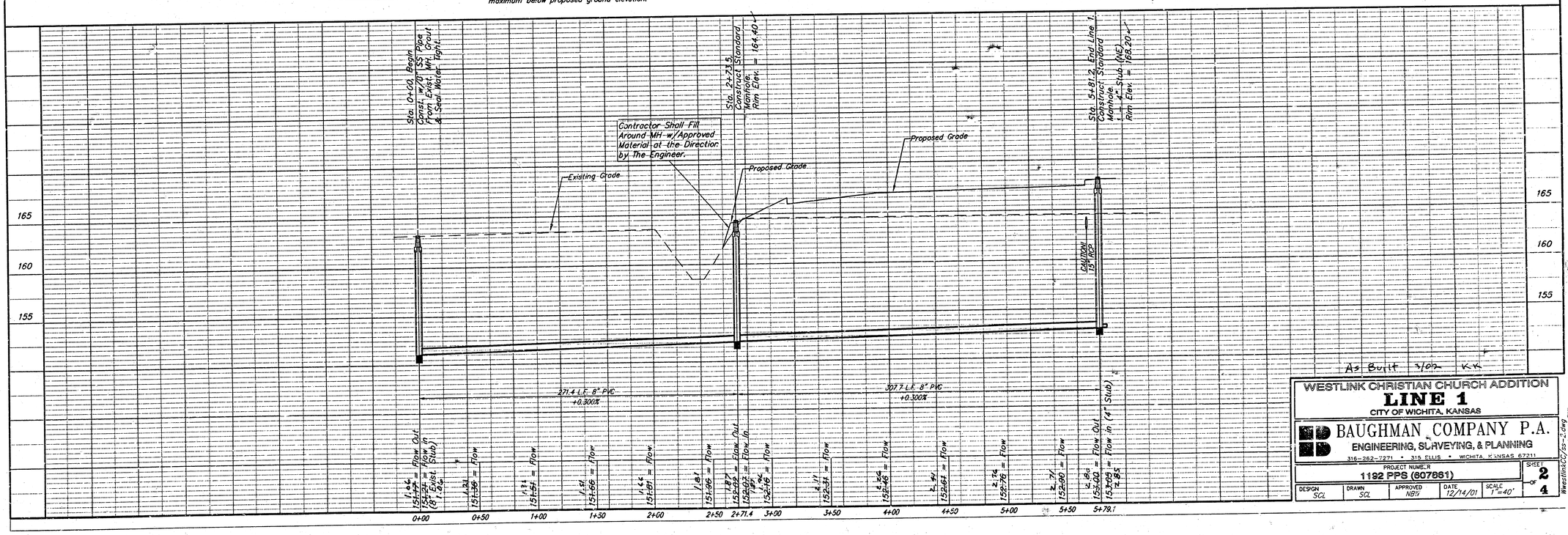



SCALE:
1" = 40' HORIZONTAL
1" = 5' VERTICAL
• = IRON

### SEWER SERVICE TABLE

| NUMBER | TYPE | LOCATION LOT NO. | LOCATION BLOCK NO. | LOCATION LINE NO. | STATION\ DIRECTION | FOR INFORMATION ONLY APPROXIMATE LENGTH 4" PIPE VERTICAL | FOR INFORMATION ONLY APPROXIMATE LENGTH 4" PIPE HORIZONTAL |
|---|---|---|---|---|---|---|---|
| 1 | 8" X 4" Tee Saddle | 1 | A | 1 | 4+46.5/Lt. | 12' | 10' |
| 2 | 8" X 4" Tee Saddle | 1 | A | 1 | 4+78.7/Lt. | 12' | 10' |
| 3 | 8" X 4" Tee Saddle | 1 | A | 1 | 4+90.8/Lt. | 12' | 10' |
| 4 | 4" Stub | 1 | A | 1 | 5+79.1/NE | 0.2' | 10' |

NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.




As Built 3/02 KK

**WESTLINK CHRISTIAN CHURCH ADDITION**
**LINE 1**
CITY OF WICHITA, KANSAS

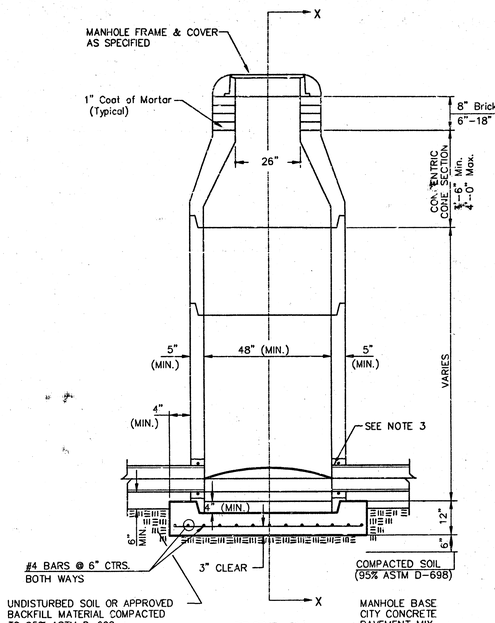
BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER 1192 PPS (607861)

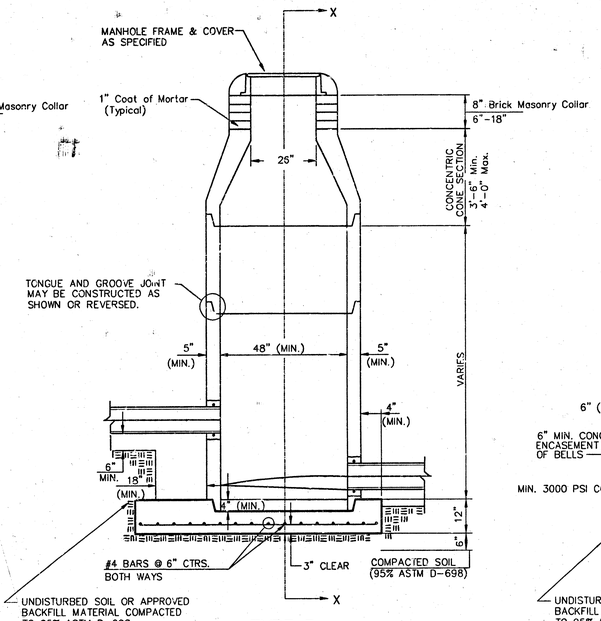
| DESIGN | DRAWN | APPROVED | DATE | SCALE | SHEET |
|---|---|---|---|---|---|
| SCL | SCL | NBH | 12/14/01 | 1"=40' | 2 of 4 |

WestlinkCCP\ss-2.dwg

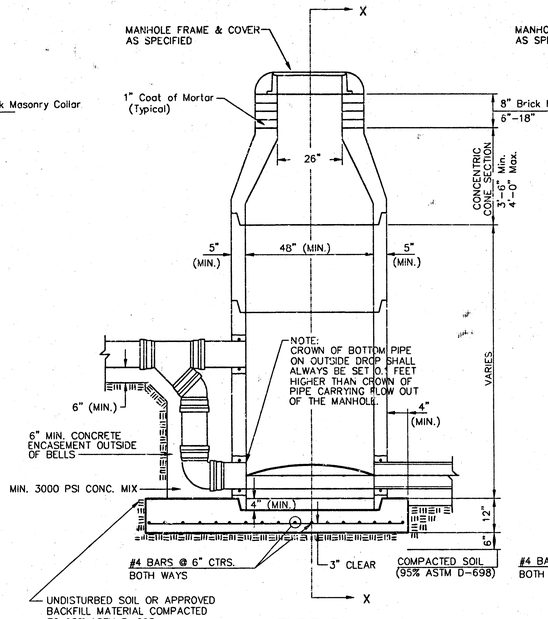
# SEWER APPURTENANCES DETAILS



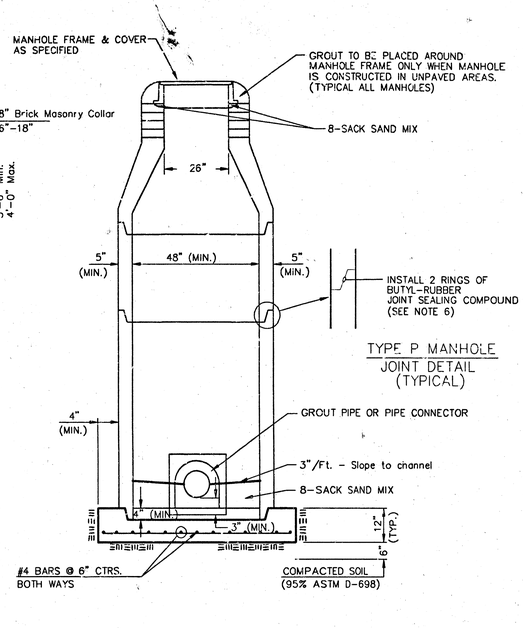

TYPE P
STANDARD MANHOLE




TYPE P
INSIDE DROP MANHOLE




TYPE P
OUTSIDE DROP MANHOLE

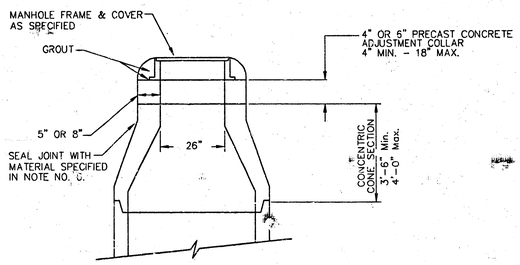



SECTION X
(TYPICAL)

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. COMPOSITE PIPE OR P.V.C. PIPE IS USED. FOR OTHER TYPES OF PIPE THE SEWER SHALL BE GROUTED IN PLACE WITH NON-SHRINK GROUT. THE 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 8 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 NON-SHRINK 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

**STD. MANHOLE DETAILS**
SEWER APPURTENANCES

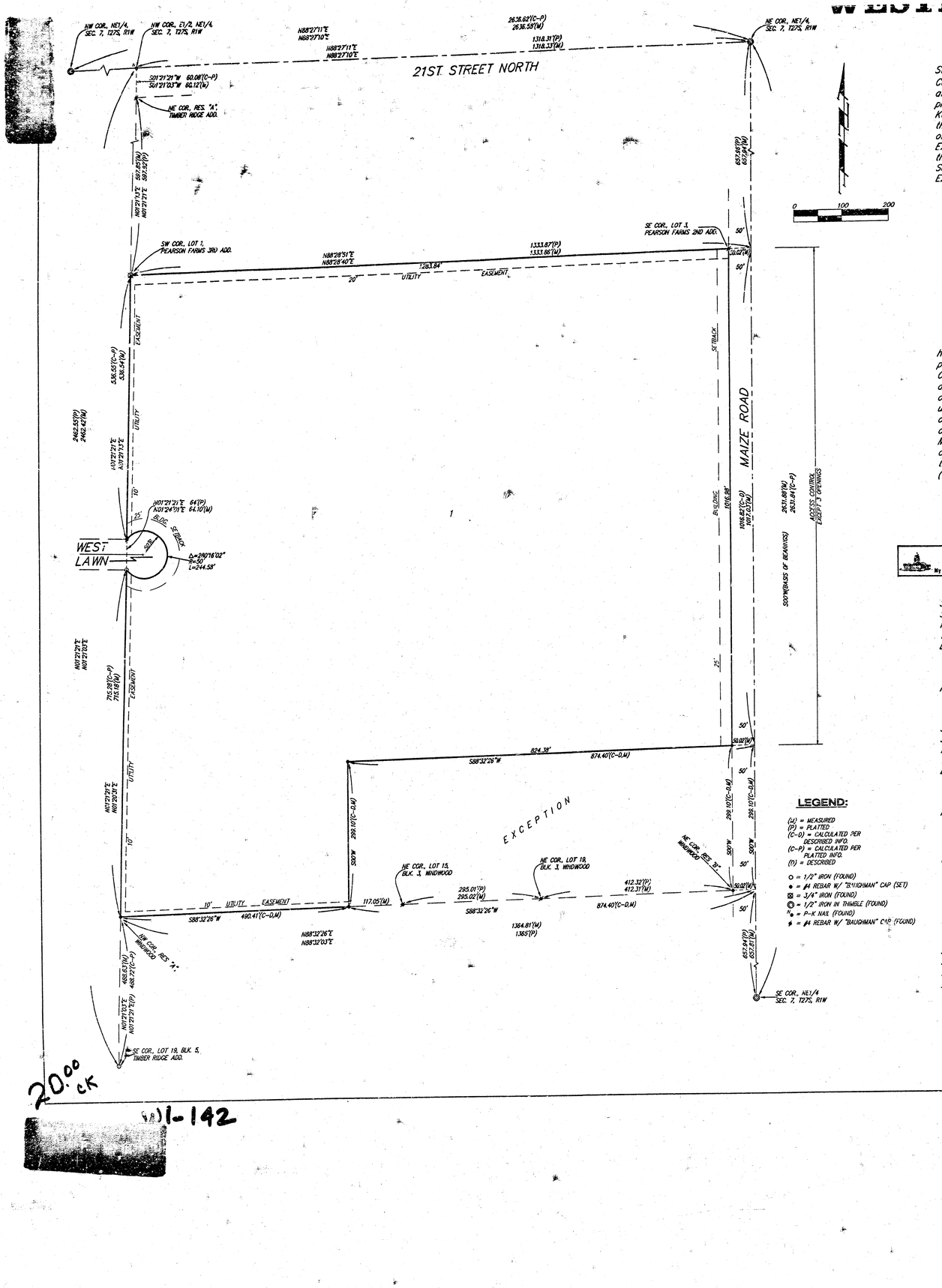
BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
315-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

| PROJECT NUMBER | SHEET |
|---|---|
| 1192 PPS (607861) | 3 OF 4 |

| DESIGN | DRAWN | APPROVED | DATE | SCALE |
|---|---|---|---|---|
| STAFF | STAFF | | 12/01 | NONE |

Westline\CO\Pmtz 01-06-E06

# WESTLINK CHRISTIAN CHURCH ADDITION
## WICHITA, SEDGWICK COUNTY, KANSAS




**LEGEND:**

(M) = MEASURED
(P) = PLATTED
(C-D) = CALCULATED PER DESCRIBED INFO.
(C-P) = CALCULATED PER PLATTED INFO.
(D) = DESCRIBED

○ = 1/2" IRON (FOUND)
● = #4 REBAR W/ "BAUGHMAN" CAP (SET)
⊠ = 3/4" IRON (FOUND)
◎ = 1/2" IRON IN THIMBLE (FOUND)
"N" = P-K NAIL (FOUND)
⊕ = #4 REBAR W/ "BAUGHMAN" CAP (FOUND)

State of Kansas ) SS
County of Sedgwick)

We, Baughman Company P.A., Surveyors in aforesaid county and state do hereby certify that we have surveyed and platted "WESTLINK CHRISTIAN CHURCH ADDITION", Wichita, Sedgwick County, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed, described as the S1/2 of the NE1/4 of the NE1/4 of Sec. 7, Twp. 27-S, R-1-W of the 6th P.M., Sedgwick County, Kansas, EXCEPT the east 50 feet thereof for road, TOGETHER with the N1/2 of the SE1/4 of the NE1/4 of Sec. 7, Twp. 27-S, R-1-W of the 6th P.M., Sedgwick County, Kansas, EXCEPT the east 50 feet thereof for road, and EXCEPT the south 299.0 feet of the east 874.12 feet thereof.

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

Baughman Company, P.A.

Michael G. Conrey, Surveyor — 12-15-97
Michael G. Conrey

MICHAEL G. CONREY REGISTERED LS-971 KANSAS LAND SURVEYOR

Know all men by these presents that we, the undersigned, have caused the land described in the Surveyors certificate to be platted into a Lot and a Street to be known as "WESTLINK CHRISTIAN CHURCH ADDITION", Wichita, Sedgwick County, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The street is hereby dedicated to and for the use of the public. All abutters rights of access to or from Maize Road over and across the east line of Lot 1 are hereby granted to the City of Wichita, Kansas provided, however, that Lot 1 shall have access to Maize Road at three locations as shall be determined by the City Engineer of the City of Wichita, Kansas. The Minimum Building Pad Elevation for the lowest opening to the structures shall be 164.5 City Datum, (1351.9 M.S.L.).

Westlink Christian Church, a Kansas Corporation

Norman Sauder, Trustee
Norman Sauder

Greg Seiwert, Trustee
Greg Seiwert

MARY B. ROBEY NOTARY PUBLIC STATE OF KANSAS My Appt. Exp. 1/09/1999

State of Kansas) SS
Sedgwick County)

The foregoing instrument acknowledged before me this 25th day of March, 1998, by Norman Sauder, Trustee of Westlink Christian Church, a Kansas Corporation, on behalf of the corporation.

My App't Exp. 1/09/1999 — Mary B. Robey, Notary Public
MARY B. ROBEY

State of Kansas) SS
Sedgwick County)

The foregoing instrument acknowledged before me this 25th day of March, 1998, by Greg Seiwert, Trustee of Westlink Christian Church, a Kansas Corporation, on behalf of the corporation.

My App't Exp. 1/09/1999 — Mary B. Robey, Notary Public
MARY B. ROBEY

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

Intrust Bank, N.A.

Roger Eastwood, Sr. V.P.
ROGER EASTWOOD (Title)

State of Kansas) SS
Sedgwick County)

The foregoing instrument acknowledged before me this 7th day of April, 1998, by Roger Eastwood, Sr. Vice-Pres. (Title) of Intrust Bank N.A., on behalf of the bank.

Joyce Haynes, Notary Public
JOYCE HAYNES

My App't. Exp. 3-4-2001

JOYCE HAYNES NOTARY PUBLIC STATE OF KANSAS My Appt. Exp. 3-4-2001

This plat of "WESTLINK CHRISTIAN CHURCH ADDITION", Wichita, Sedgwick County, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.
Dated this 9th day of NOVEMBER, 1997.
Wichita-Sedgwick County Metropolitan Area Planning Commission.

SEDGWICK COUNTY METROPOLITAN PLANNING COMMISSION SEAL KANSAS

John C. Frye, Chairman

Marvin S. Krout, Secretary

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 2nd day of June, 1998.

THE CITY OF WICHITA SEDGWICK COUNTY, KANSAS

Bob Knight, Mayor

Pat Burnett, City Clerk

Entered on transfer record this 15th day of June, 1998.

James Alford, County Clerk

CLERK OF SEDGWICK COUNTY REGISTERED SURVEY SEAL KANSAS

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 15th day of June, 1998, at 1030 o'clock A.M; and is duly recorded.

REGISTER OF DEEDS SEAL KANSAS

Bill Meek, Register of Deeds

1699075

Linda Kimmi, Deputy
LINDA KIMMI

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211
PROJECT NO. 97-03-7717

20.00 CK

91-142

PC 88-3