PRIVATE STORM SEWER IMPROVEMENTS

SOUTHEAST HIGH SCHOOL

PROJECT NO. 1326 PPS (607861)

GENERAL NOTES

1. Contractor will be required to provide a minimum advance notice of forty-eight (48) hours to utility companies prior to starting any excavation as follows:

   Kansas One-Call 687-2470

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

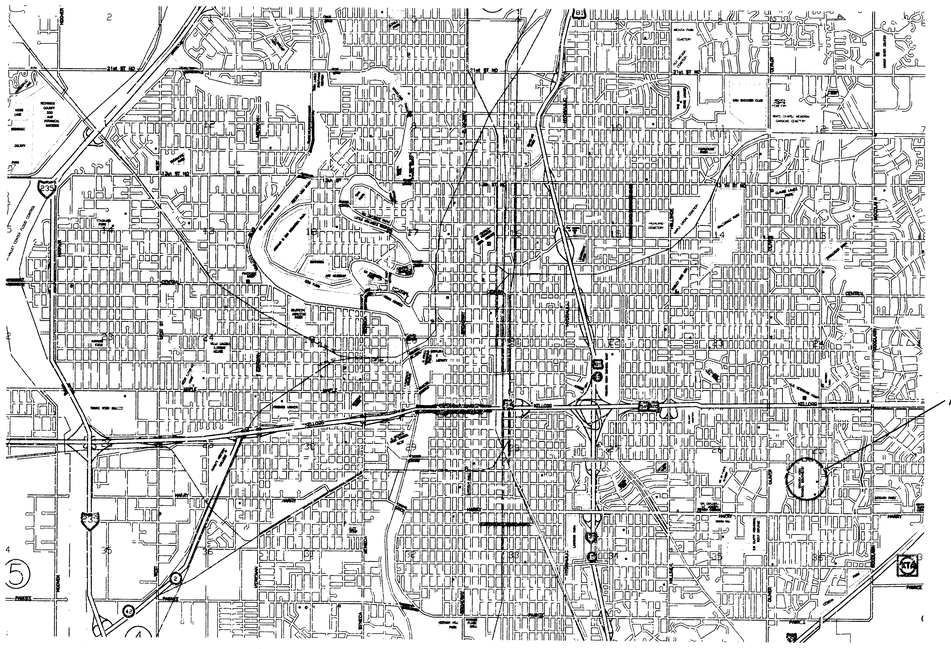
Cox Communications	262-0661
Kansas Gas Service	383-8600
Westar Energy	383-8600
Aquila Energy (Gas)	1-800-303-0357
Southwestern Bell Telephone Company	1-800-286-8313
City of Wichita Water Department	262-6000
City of Wichita Sewer Maintenance	262-6000

2. This project is to be constructed in accordance with City of Wichita Standard Specifications of City Projects, March 1998, and the latest edition of the Policy of Construction on Public Works Projects by Private Contract.

3. Connection of roof dran to storm sewer requires a permit from City of Wichita, Office of Central Inspection.

4. Traffic will not be affected by construction of this project.

5. This storm sewer system to be owned and maintained by U.S.D. 259.



APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____

Storm Sewers VRH 3/07/03

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.

NO SCALE

Booked
RDL
12/4/03
E-7

THOMAS CHARLES RUGGLES
LICENSED
9621
3-25-03
KANSAS
PROFESSIONAL ENGINEER

"AS BUILT"
9-24-2003 E R+B

CITY OF WICHITA, KANSAS
NEIL D. CABLE - CITY ENGINEER

Ruggles & Bohm, P.A.
Engineering, Surveying, Land Planning
924 North Main
Wichita, Kansas 67203
www.rbkansas.com
(316) 264-8008
(316) 264-4621 fax
E-mail: info@rbkansas.com

2262E

12 15 02 .17

STA. 0+52.11 CONSTRUCT DROP INLET
BL. STA. 5+76.79 9.0' LT.
INLET, TOP ELEV. ~~160.98~~ CONNECT
EXISTING 4" ROOF DRAIN PIPE NORTH.
159.38

STA. 1+17.11 CONSTRUCT DROP INLET
BL. STA. 6+41.79 9.0' LT.
INLET, TOP ELEV. ~~159.25~~ CONNECT
EXISTING 4" ROOF DRAIN PIPE NORTH.
158.55

STA. 1+98.11 CONSTRUCT DROP INLET
BL. STA. 7+22.79 9.0' LT
INLET, TOP ELEV. 159.~~42~~ CONNECT
EXISTING 4" ROOF DRAIN PIPE NORTH.
159.08

STA. 2+63.11 CONSTRUCT DROP INLET
BL. STA. 7+87.79 9.0' LT
INLET, TOP ELEV. ~~159.75~~ CONNECT
EXISTING 4" ROOF DRAIN PIPE NORTH.
159.04

CONNECT TO EXISTING ROOF DRAIN
CONSTRUCT NEW 4" ROOF DRAIN SOUTH
TO NEW MANHOLE @ STA. 3+17.94

STA. 3+17.91 CONSTRUCT DROP INLET
BL. STA. 8+42.59 9.0' LT
INLET OVER EXISTING 4" ROOF DRAIN EAST
CONNECT NEW 4" ROOF DRAIN NORTH

REMOVE & RELOCATE
EXISTING LIGHT POLE

REMOVE MANHOLE

ABANDON OR REMOVE
CLAY PIPE DRAIN

T/G.=158.50
FL=156.06

Floor=160.87=(100'-8" Arch. Datum)

Floor=160.86

Floor=160.79

Conc. Wall

Grass

Planter

Greenhouse

Existing 15" RCP

SWS MH
FL=151.70
TOP=158.94

MH
T/R.=158.40
FL=154.98 W
FL=155.10 NE

MH

Abandoned Water Line

PROPOSED SANITARY SEWER

STA. 0+00 (EXISTING MANHOLE)
REMOVE EXISTING 10"
TILE DRAIN EAST, BEGIN NEW 15"
RCP NE, ADJUST TOP TO ELEV. 159.22
.31

BASELINE

LINE 1

47.89'

BASELINE = 10+00

℄ BAYLEY

℄ EDGEWOOD

Sidewalk

TW 159.58

Proposed Building Addition
F.F. 160.20=(100'-0" Arch. Datum)

SCALE: 1"=20'

LINE 1

STA. 0+00 EXISTING MH
CONSTRUCT DROP INLET
TOP ELEV. 159.40
159.38

ABANDONED WATER LINE

STA. 0+52.11
CONSTRUCT DROP INLET
TOP ELEV. 159.40
158.55

STA. 1+17.11
CONSTRUCT DROP INLET
TOP ELEV. 159.40
159.08

PROPOSED BUILDING

STA. 1+98.11
CONSTRUCT DROP INLET
TOP ELEV. 159.40
159.04

STA. 2+63.11
CONSTRUCT DROP INLET
TOP ELEV. 159.40

STA. 3+17.91
CONSTRUCT DROP INLET
TOP ELEV. 159.40

STA. 3+67.66
EXISTING 4" ROOF DRAIN

FINISHED GRADE

FINISHED GRADE

EXISTING GRADE

165
160
155
150
145

52.11 L.F.
15" PVC @ +0.50%

65.0 L.F.
15" PVC @ +0.50%

81.0 L.F.
15" PVC @ +0.50%

65.0 L.F.
12" PVC @ +1.00%

54.80 L.F.
12" PVC @ +1.00%

49.12 L.F.
EXISTING 4" DRAIN @ +1.08% ±

THIS SECTION OF PIPE
TO BE PRESSURED-TESTED

0 +52.11 1 +17.11 +98.11 +63.11 3 +17.91 +67.03

"AS BUILT"
9-24-2003
E R+B

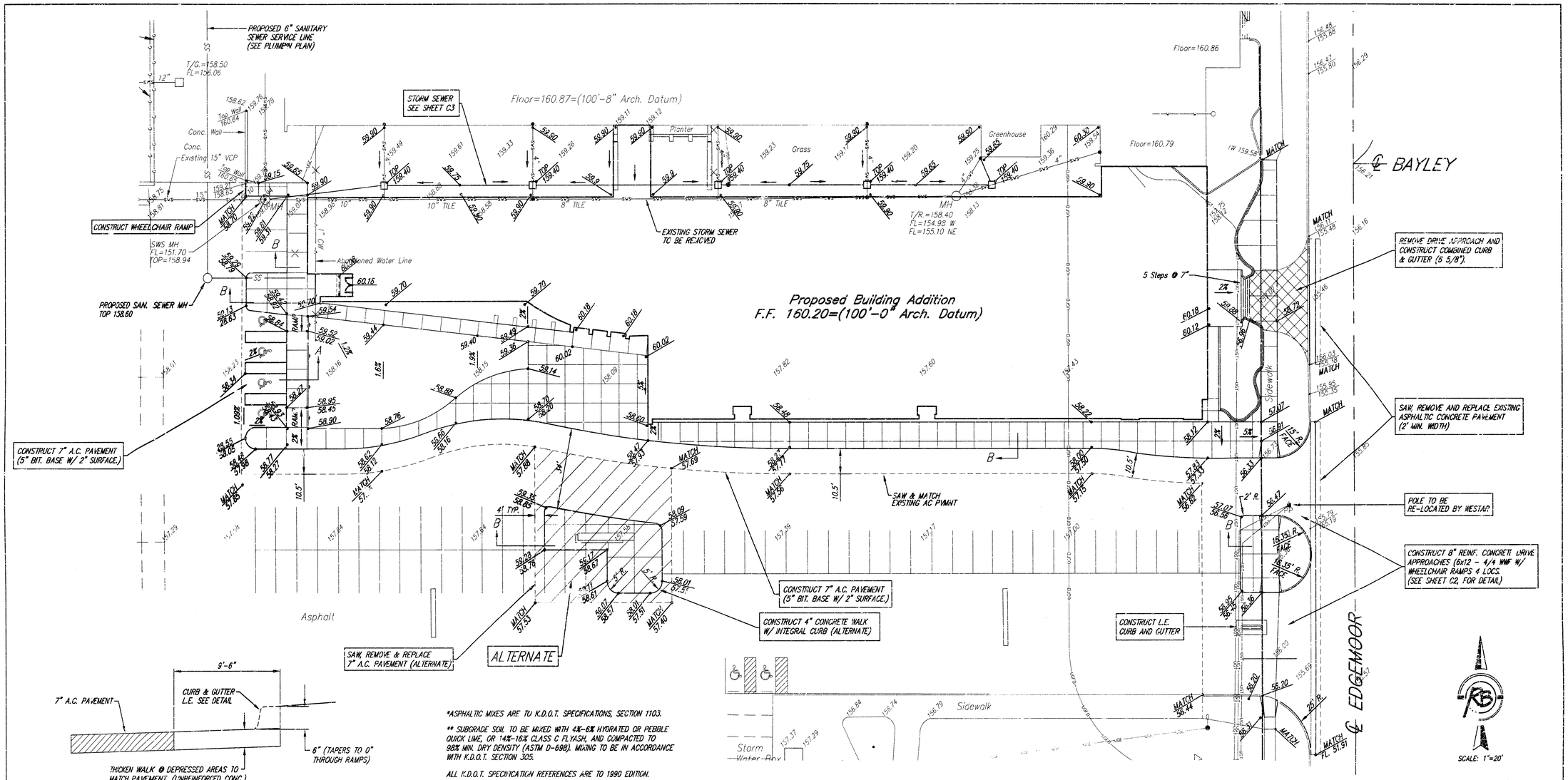
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CHECK
DATE Mar. 20, 2003
REVISED
REVIEW

PROJECT NUMBER
1326 PPS (607861)
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BASE [Storm Drain]

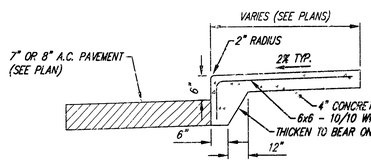
STORM SEWER PLAN & PROFILE
SOUTHEAST HIGH SCHOOL
WICHITA, KANSAS

Ruggles & Bohm, P.A.
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RB JOB 226E
SHEET 2 of 4



SECTION A
NOT TO SCALE

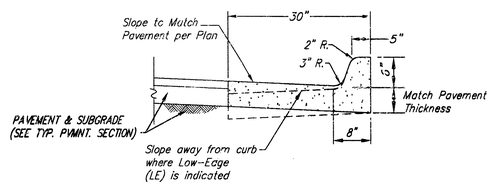


SECTION B
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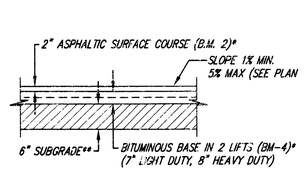
*ASPHALTIC MIXES ARE TO K.D.O.T. SPECIFICATIONS, SECTION 1103.

** SUBGRADE SOIL TO BE MIXED WITH 4%-6% HYDRATED OR PEBBLE QUICK LIME, OR 14%-16% CLASS C FLYASH, AND COMPACTED TO 98% MIN. DRY DENSITY (ASTM D-698). MIXING TO BE IN ACCORDANCE WITH K.D.O.T. SECTION 305.

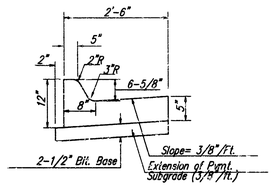
ALL K.D.O.T. SPECIFICATION REFERENCES ARE TO 1990 EDITION.



PARKING LOT CURB & GUTTER DETAIL
NOT TO SCALE



TYPICAL PAVEMENT SECTION
NOT TO SCALE

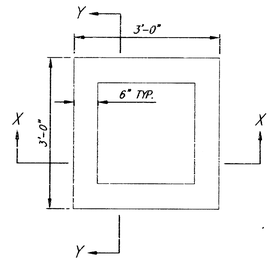


6 5/8" COMBINED CURB & GUTTER
NOT TO SCALE

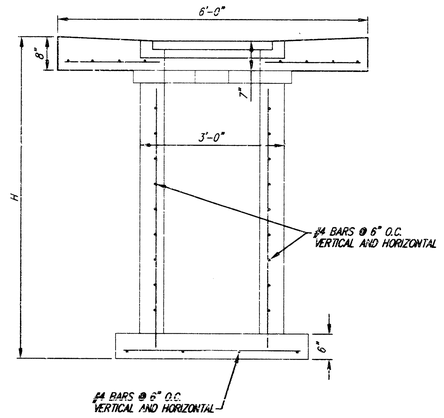
GRADING PLAN
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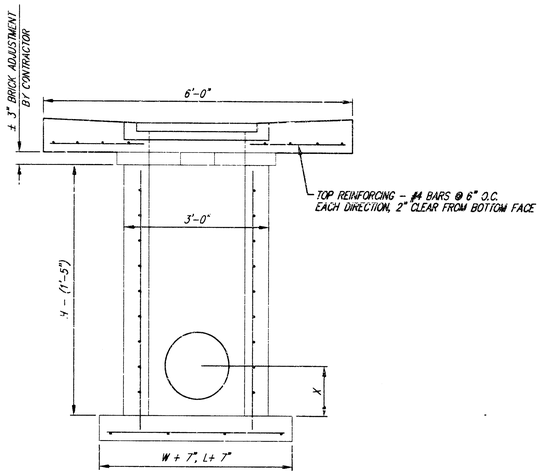
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DRAWN	EJB
REVIEW	
UTILITY	
DATE	Mar. 20, 2003
DRAWING FILE	BASE [Details]
PROJECT NUMBER	1326 PPS (607861)
JOB NO.	2003
SHEET	3 OF 4



PLAN



SECTION X-X



SECTION Y-Y

NOTE: FRAME AND GRATE TO BE DEETER FOUNDRY 2410 OR APPROVED EQUAL INLET MAY BE PRECAST OR CAST-IN-PLACE.

DROP INLET DETAIL

GENERAL NOTES:

1. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN INLET WALLS AND BASES SHALL CONFORM TO THE REQUIREMENTS 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 INLET FRAME AS SHOWN ON THE DRAWINGS WHEN INLETS ARE CONSTRUCTED IN UNPAVED AREAS. COMPLETED INLET SHALL BE WITHOUT LEAKS AND WATER TIGHT.

2. THE FLOORS OF ALL INLETS SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE INLETS WILL BE SELF CLEANING. USING 6-SACK SAND MIX CONCRETE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE. INLET FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS.

3. INLET COVER CASTINGS AND INLET FRAME CASTINGS SHALL CONFORM TO THE RE-QUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.

4. THE ENDS OF ALL PIPES IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF INLET WALL.

DROP INLET DETAIL
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DESIGN TCR
DRAWN EJB
REVIEW
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DATE Mar. 20, 2003
PROJECT NUMBER 1326 PPS (607861)
DRAWING FILE BASE [Details]
PW JOB 228.2E
SHEET 4 OF 4

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