

GENERAL NOTES

Contractor will be required to provide a minimum advance notice of twenty-four (24) 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
 Westar 383-8600
 SBC 1-800-286-8313
 KGS 832-3121

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.

A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required, 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. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to other items.

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.

All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps permitting regulations. Any material buried or stockpiled beyond approved of Engineers construction limits would require additional archeological investigations unless buried in a previously approved borrow location.

The Engineer shall take field ties to all quarter section corners. The Contractor shall set a City survey monument in the required location where such quarter section corners fall within the limits of pavement construction. Survey monuments will be furnished by the City. The Engineer will accurately locate and install the iron at the quarter section corner. This work will not be paid for directly, but shall be considered subsidiary to the other pay items of work in the contract.

The Contractor shall notify pipeline companies at least 24 hours in advance of any work being performed across and/or adjacent to pipelines.

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

The Contractor shall sod, fertilize and mulch all disturbed areas upon completion of construction. Incidental to the bid item for "Site Clearing and Restoration".

There is groundwater on this project; therefore, dewatering is anticipated. The Contractor shall install silt fence in ditches if silt transport is noted during construction. Silt fence will be incidental to the bid items for clearing and restoration. The Contractor will need a Water Rights Appropriation from the Division of Water Resources to allow dewatering.

The Contractor shall maintain access to all residences thru out the construction of the Project.

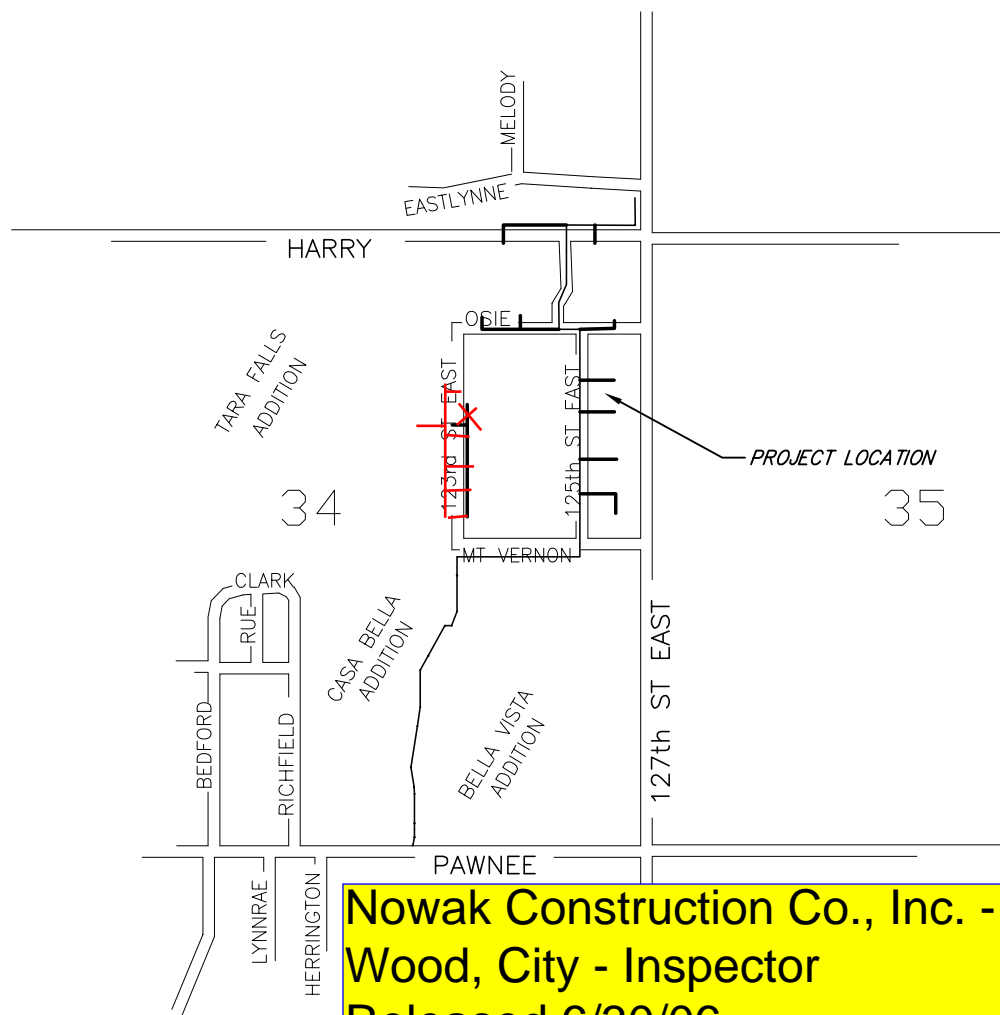
All lawn/turf areas disturbed by construction shall be restored with the same sod as existing. Restoration of disturbed areas shall include, but not limited to, top soil preparation and sodding. All sodding work shall be in accordance with City Standard specifications and the City Administrative Regulation No. AR7B, which governs cleanup and restoration or replacement following construction.

SANITARY SEWER MAIN CONSTRUCTION MCEVOY SEWER LATERALS LATERAL 1, MAIN 18, FOUR MILE CREEK WATER AND SEWER DEPARTMENT

PROJECT NO. 468-84033
 OCA # 744132

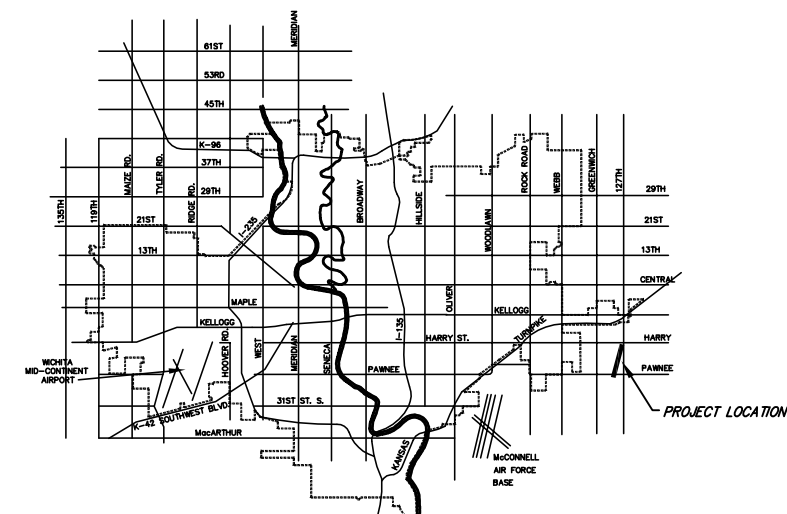
INDEX OF SHEETS

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10. MANHOLE FRAME AND COVER DETAILS
11. RISER DETAILS
12. EROSION CONTROL PLAN
13. EROSION CONTROL BMP'S
14. MCEVOY PLAT



BENCHMARKS

Sierra Hills Plat
 Brass disc.
 55.45 ft east and 5.13 ft north of NW Corner of SW 1/4 of 35-27S-2E. MSL 1348.35 ft



THE CONTRACTOR SHALL GRADE THE DITCH TO MAINTAIN POSITIVE DRAINAGE. ALL COSTS SHALL BE SUBSIDIARY TO OTHER BID ITEMS.

THE CONTRACTOR SHALL REMOVE AND REPLACE THE EXISTING ROADWAY AND DRIVEWAYS TO CITY STANDARDS.

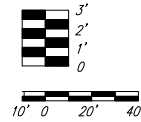
THE CONTRACTOR SHALL CONSTRUCT RISERS AS SHOWN IN THE SEWER SERVICE TABLE (SHEET NO. 2) AND THE VERTICAL RISER DETAILS (SHEET NO. 11).

THE CULVERT PIPES SHALL BE REMOVED AND REPLACED AS NECESSARY TO FACILITATE CONSTRUCTION OF THE SANITARY SEWER PROJECT. IF IN THE OPINION OF THE AREA ENGINEER THAT A CULVERT PIPE CAN BE REUSED, THE EXISTING CULVERT PIPE SHALL BE CLEANED OUT AND RESET. IF REPLACEMENT OF THE CULVERT PIPE IS REQUIRED, THE CULVERT PIPE SHALL BE OF THE SAME GAUGE AS REQUIRED FOR CITY OF WICHITA PAVING PROJECTS. COSTS FOR SUCH REMOVAL AND REPLACEMENT SHALL BE CONSIDERED SUBSIDIARY TO THE SITE RESTORATION BID ITEM AND NOT BE BID OR PAID FOR SEPARATELY.

CLEANOUT RISER 3-1 SHALL REPLACE MH 3-3. CLEANOUT LOCATION SHALL BE FIELD VERIFIED.

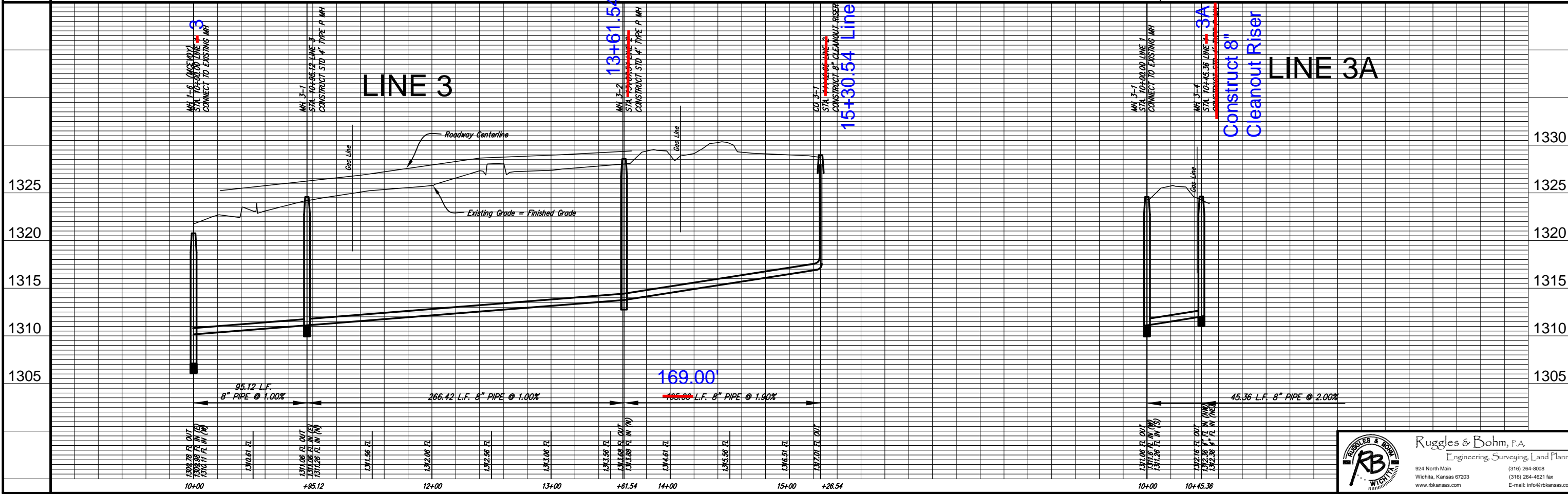
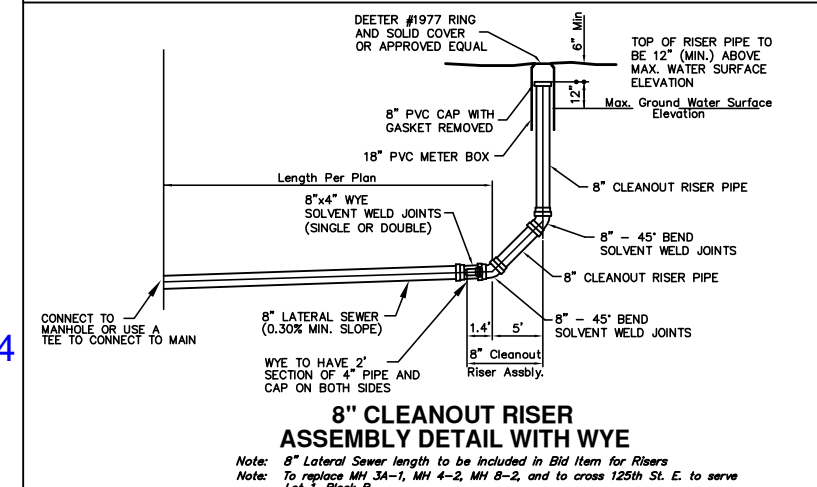
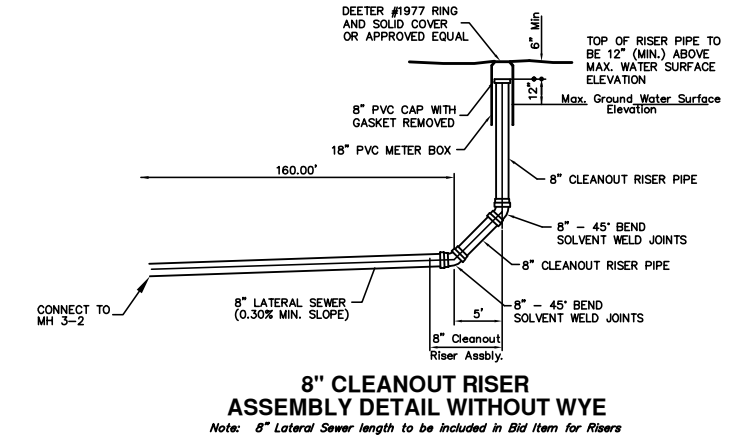
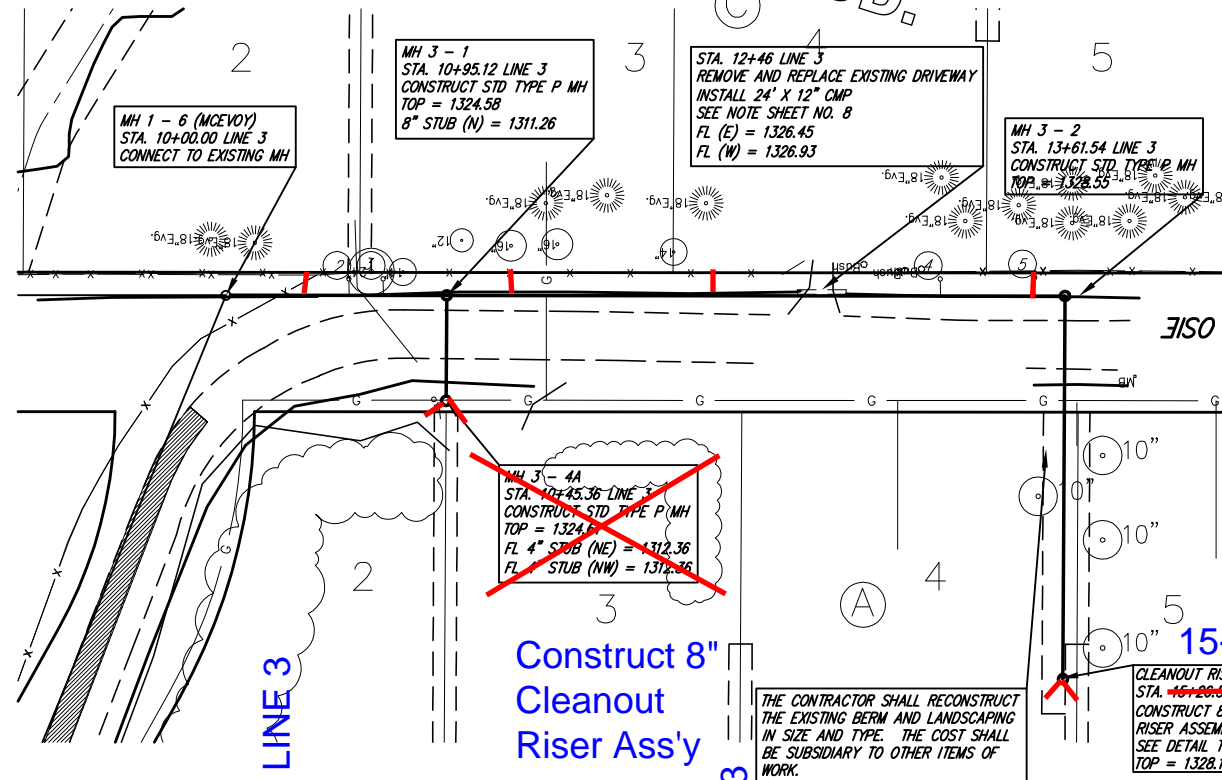


Scale 1" = 40' (Horiz.)
1" = 5' (Vert.)



SE 1/4, SEC. 27, T 27 S, R 2 E

MCEVOY
ADD.



RUGGLES & BOHM
WICHITA, KANSAS

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(316) 264-4621 fax
E-mail: info@rbkansas.com

PROJECT NUMBER: 468-94033
DRAWING FILE: engg_base

REVISION: 2/27/06

DATE: 2/27/06

PROJECT: MCEVOY SANITARY SEWER LATERAL LINE 3 WICHITA, KANSAS

SHEET: 4A OF 14

MCEVOY
ADD.

THE CONTRACTOR SHALL GRADE THE DITCH TO MAINTAIN POSITIVE DRAINAGE.
ALL COSTS SHALL BE SUBSIDIARY TO OTHER BID ITEMS.

THE CONTRACTOR SHALL REMOVE AND REPLACE
THE EXISTING ROADWAY AND DRIVEWAYS TO CITY STANDARDS.

Construct 8"
Cleanout Riser Ass'y

MH 1 - 7 (MCEVOY)
STA. 10+00.00 LINE 4
CONNECT TO EXISTING MH

STA. 12+20 LINE 4
REMOVE AND REPLACE EXISTING DRIVEWAY
INSTALL 24" X 12" CMP
SEE NOTE SHEET NO. 8
FL (W) = 1324.57
FL (E) = 1334.32

MH 1 - 8 (MCEVOY)
STA. 13+28.48 LINE 4
CONSTRUCT STD TYPE P MH
TOP = 1326.23
FL 4" STUB (N) = 1316.44

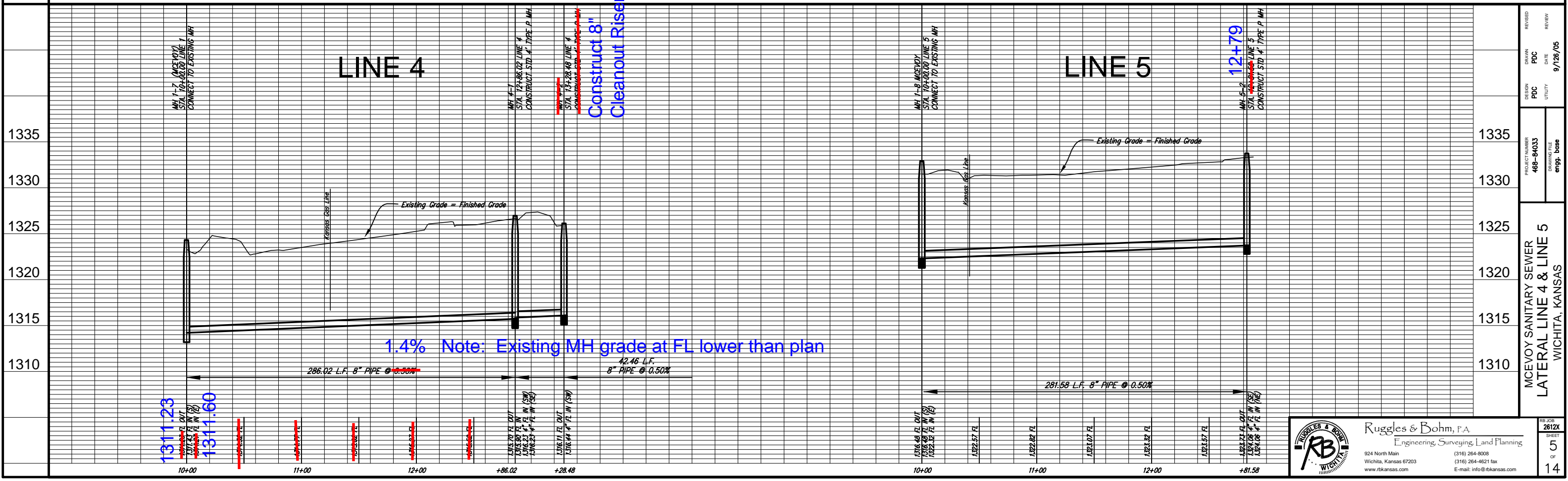
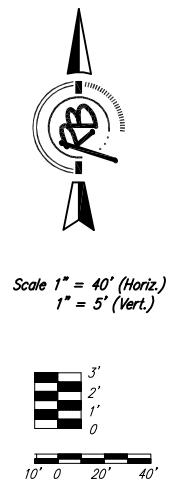
MH 4 - 1
STA. 12+86.02 LINE 4
CONSTRUCT STD TYPE P MH
TOP = 1326.86
FL 4" STUB (SW) = 1316.23
FL 4" STUB (SE) = 1316.23

MH 1 - 8 (MCEVOY)
STA. 10+00.00 LINE 5
CONNECT TO EXISTING MH

POWER POLE TO BE
ANCHORED BY WESTAR
DURING CONSTRUCTION.

12+79 - moved to clear
conflict with SWB & Cox

MH 5 - 1
STA. 12+79.00 LINE 5
CONSTRUCT STD TYPE P MH
TOP = 1333.68
FL 4" STUB (NE) = 1324.06
FL 4" STUB (SE) = 1324.06



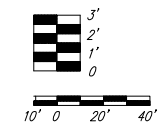
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REVISION	DATE	REVIEW
BOOK	PCD	9/128/05
REASON	PCD	UTILITY
PROJECT NUMBER	488-84033	DRAWING FILE
MCEVOY SANITARY SEWER		engg_base
LATERAL LINE 4 & LINE 5		
WICHITA, KANSAS		
RB JOB	2612X	
SHEET	5	
OF	14	

NE 1/4, SEC. 34, T 27 S, R 2 E

MCEVOY
ADD.

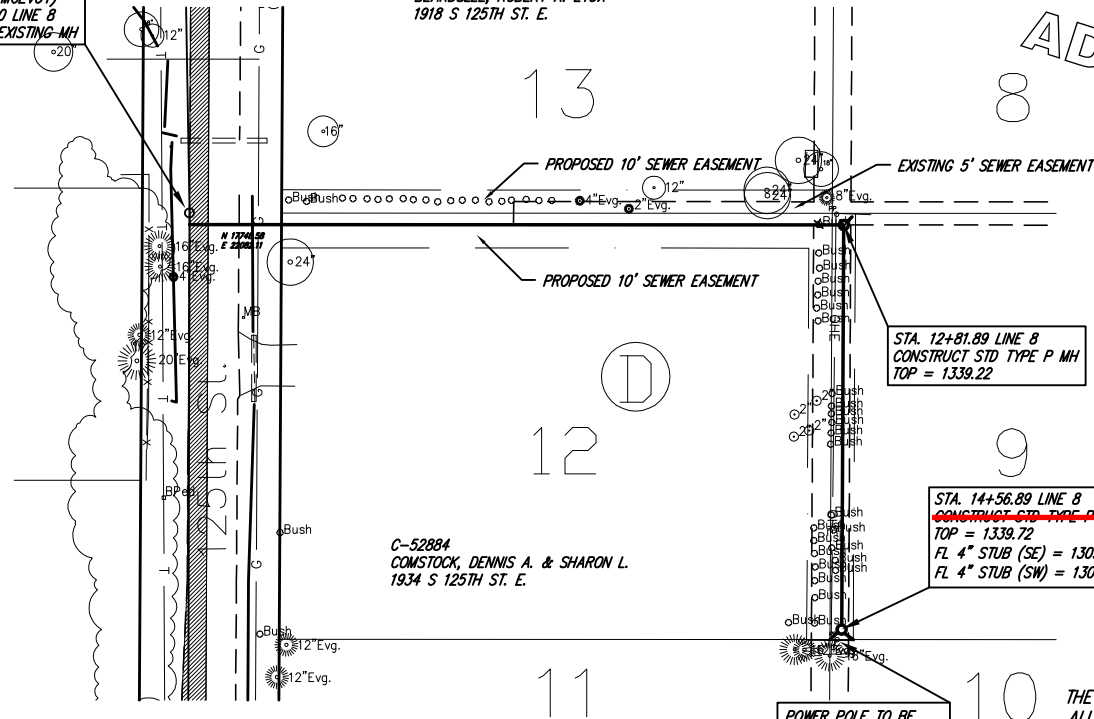
THE CONTRACTOR SHALL REMOVE AND REPLACE
THE EXISTING ROADWAY AND DRIVEWAYS TO CITY STANDARDS.



MH 1-11 (MCEVOY)
STA. 10+00.00 LINE 8
CONNECT TO EXISTING MH

C-52885
BEARDSLEE, ROBERT A. ETUX
1918 S 125TH ST. E.

C-52884
COMSTOCK, DENNIS A. & SHARON L.
1934 S 125TH ST. E.



STA. 12+81.89 LINE 8
CONSTRUCT STD TYPE P MH
TOP = 1339.22

STA. 14+56.89 LINE 8
CONSTRUCT STD TYPE P MH
TOP = 1339.72
FL 4" STUB (SE) = 1309.33
FL 4" STUB (SW) = 1309.33

POWER POLE TO BE
ANCHORED BY WESTER
DURING CONSTRUCTION.

THE CONTRACTOR SHALL GRADE THE DITCH TO MAINTAIN POSITIVE DRAINAGE.
ALL COSTS SHALL BE SUBSIDIARY TO OTHER BID ITEMS.

MH 9-1
Sta. 10+30.87 Line 9
Sta. 10+00 Line 9A
See Sheet 8

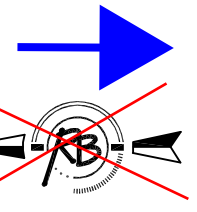
STA. 10+00 LINE 9A
CONSTRUCT STD TYPE P MH
TOP = 1334.52

STA. 18+23 LINE 9
REMOVE AND REPLACE EXISTING DRIVEWAY
INSTALL 24" X 12" CMP
SEE NOTE ON SHEET NO. 8
FL (N) = 1333.15
FL (S) = 1333.10

STA. 11+35 LINE 9A
CONSTRUCT STD TYPE P MH
TOP = 1333.29

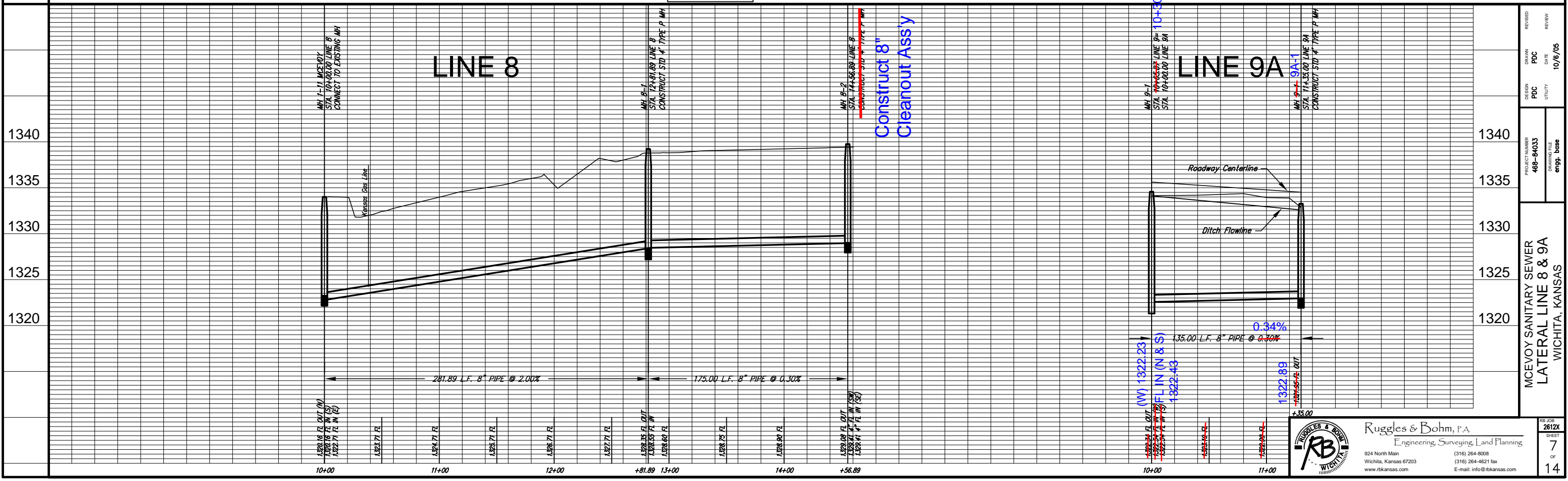
MH 9A-1
Sta. 11+26.21 Line 9A
Construct Std. Type P MH
Top = 1333.95

CO 9A-1
Sta. 11+26.21 Line 9A
Construct cleanout riser W/Wye



MCEVOY
ADD.

Construct 8" Cleanout
Ass'y with Double Wye
with stubs



LINE 8

LINE 9A

Construct 8" Cleanout Ass'y

REVISION	DATE	REVIEW
BOOK	PDC	10/6/05
REASON	PDC	UTILITY
PROJECT NUMBER	488-84033	DRAWING FILE
MCEVOY SANITARY SEWER		engg_base
LATERAL LINE 8 & 9A		
WICHITA, KANSAS		
RB JOB	2612X	
SHEET	7	
OF	14	

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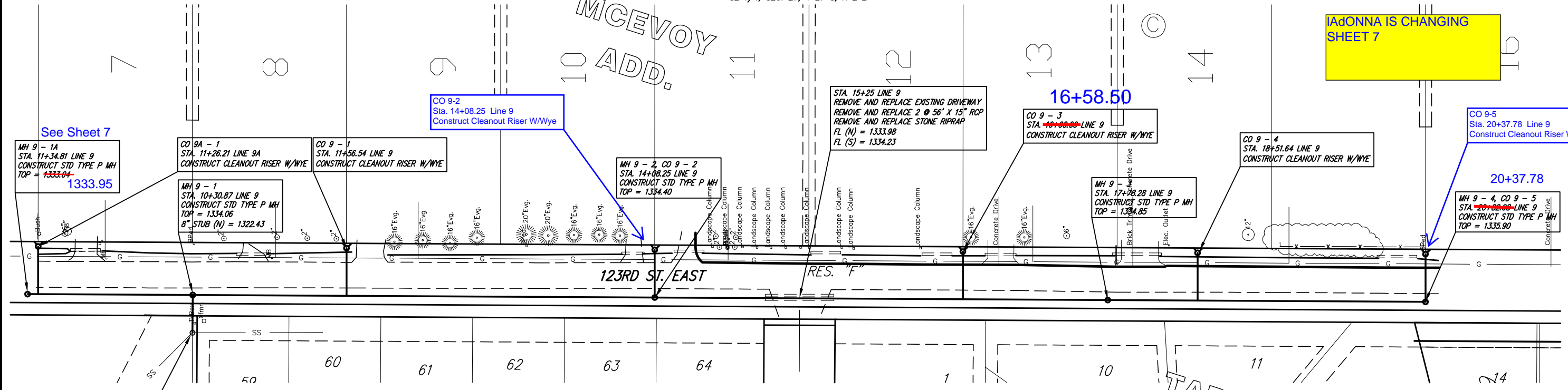
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SE 1/4, SEC. 27, T 27 S, R 2 E

MCEVOY ADD.

ADONNA IS CHANGING SHEET 7



See Sheet 7
MH 9-1A
Sta. 11+34.81 LINE 9
CONSTRUCT STD TYPE P MH
TOP = 1333.04
1333.95

CO 9A-1
Sta. 11+26.21 LINE 9A
CONSTRUCT CLEANOUT RISER W/WYE
MH 9-1
Sta. 10+30.87 LINE 9
CONSTRUCT STD TYPE P MH
TOP = 1334.06
8" STUB (N) = 1322.43

CO 9-1
Sta. 11+56.54 LINE 9
CONSTRUCT CLEANOUT RISER W/WYE

MH 9-2, CO 9-2
Sta. 14+08.25 LINE 9
CONSTRUCT STD TYPE P MH
TOP = 1334.40

Sta. 15+25 LINE 9
REMOVE AND REPLACE EXISTING DRIVEWAY
REMOVE AND REPLACE 2 @ 56" X 15" RCP
REMOVE AND REPLACE STONE RIPRAP
FL (N) = 1333.98
FL (S) = 1334.23

CO 9-3
Sta. 16+58.50 LINE 9
CONSTRUCT CLEANOUT RISER W/WYE

CO 9-4
Sta. 18+51.64 LINE 9
CONSTRUCT CLEANOUT RISER W/WYE

MH 9-3
Sta. 17+78.28 LINE 9
CONSTRUCT STD TYPE P MH
TOP = 1334.85

CO 9-5
Sta. 20+37.78 LINE 9
CONSTRUCT CLEANOUT RISER W/WYE

MH 9-4, CO 9-5
Sta. 20+37.78 LINE 9
CONSTRUCT STD TYPE P MH
TOP = 1335.90

MH STA 1+15 LINE 3 (TARA FALLS) =
STA. 10+00.00 LINE 9
CONNECT TO EXISTING MANHOLE
TOP = 1334.70
RESHAPE INVERT AS NEEDED FOR NEW
FLOW IN. (CONTRACTOR TO VERIFY
DEPTH AND LOCATION PRIOR TO
CONSTRUCTION).

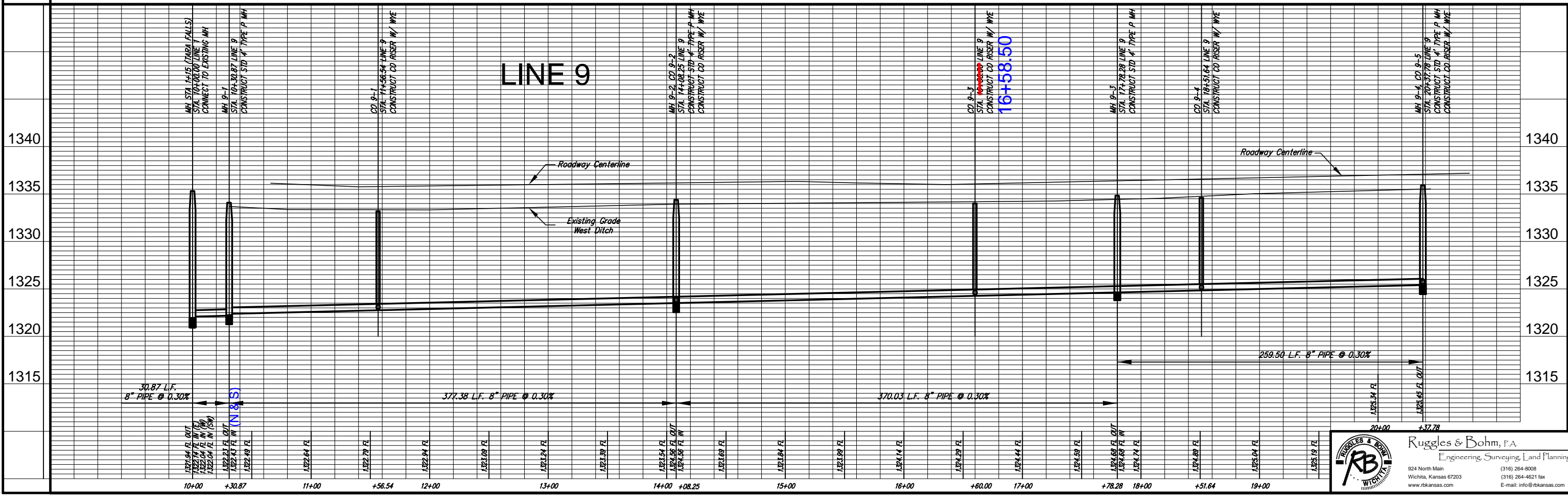
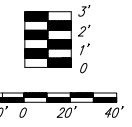
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TARA FALLS
ADD.



Scale 1" = 40' (Horiz.)
1" = 5' (Vert.)



REVISION
DATE
REVIEW

REASON
DATE
REVIEW

PROJECT NUMBER
488-84033
DRAWING FILE
engg_base

MCEVOY SANITARY SEWER
LATERAL LINE 9
WICHITA, KANSAS

RB, JOB
2612X
SHEET
8A
OF
14

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