

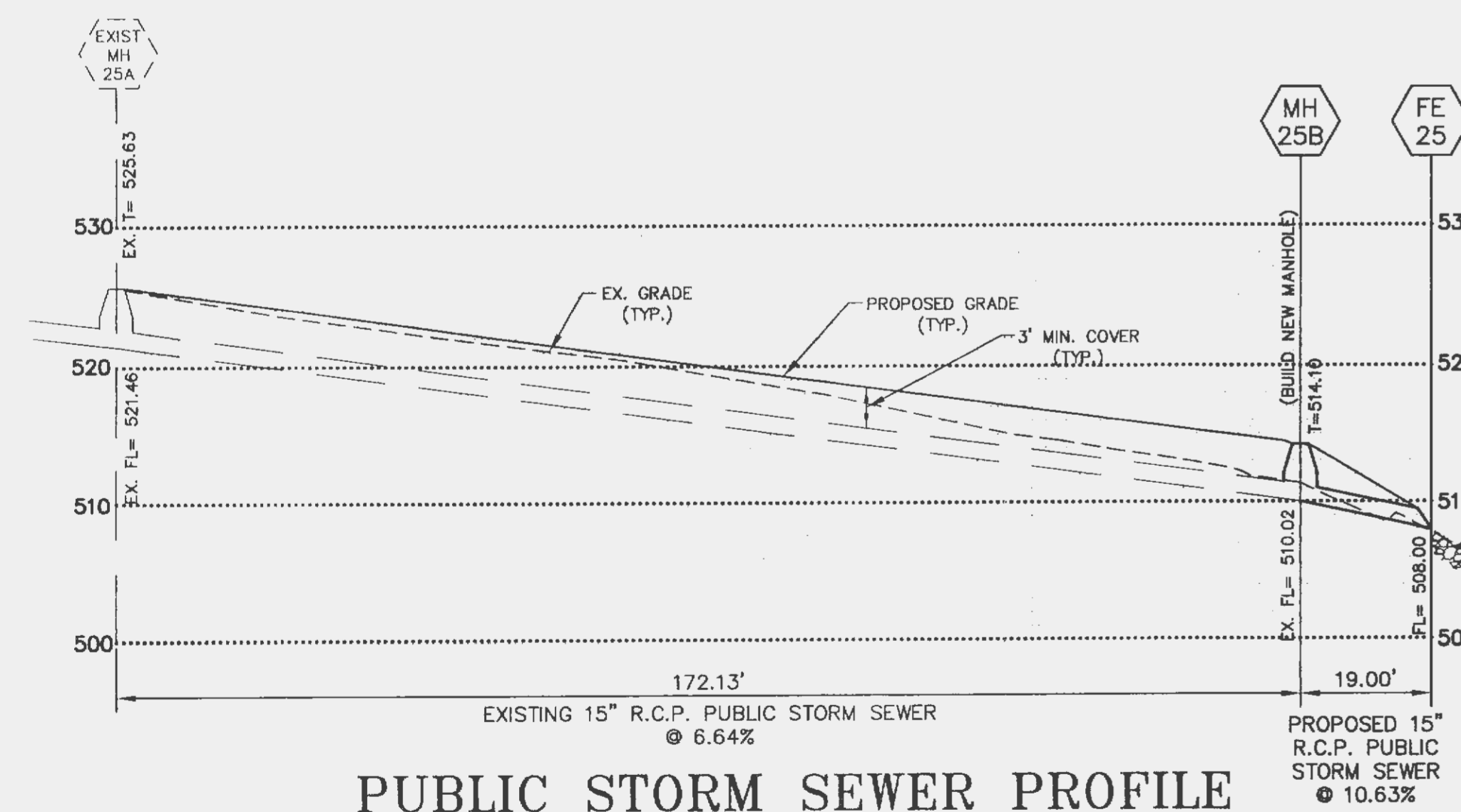
HEAVY STONE REVETMENT DETAIL
(FOR LOCATIONS SEE PLANS)
N.T.S.

- NOTES:
- 1) STONE FOR HEAVY STONE REVETMENT SHALL BE SOUND, DURABLE, AND FREE FROM CRACKS AND OTHER STRUCTURAL DEFECTS THAT WOULD CAUSE IT TO DETERIORATE. IT SHALL NOT CONTAIN ANY SOAPSTONE, SHALE, OR OTHER MATERIAL EASILY DISINTEGRATED. THE STONE SHALL BE AT LEAST 12 INCH TO 18 INCH DIAMETER ϕ 15 INCH.
 - 2) CONTRACTOR TO TAKE SPECIAL PRECAUTIONS WHEN EXCAVATING AND/OR PLACING HEAVY STONE REVETMENT OVER EXISTING WATER MAIN & OTHER UTILITIES.
- *TYPICAL 3:1 SIDE SLOPES. WARP SLOPES AT EXIST. BOX CULVERT.

THE UTILITIES SHOWN HEREIN WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NON-EXISTENCE, SIZE, TYPE, OR LOCATION OF THESE OR OTHER UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY CONSTRUCTION OF IMPROVEMENTS.

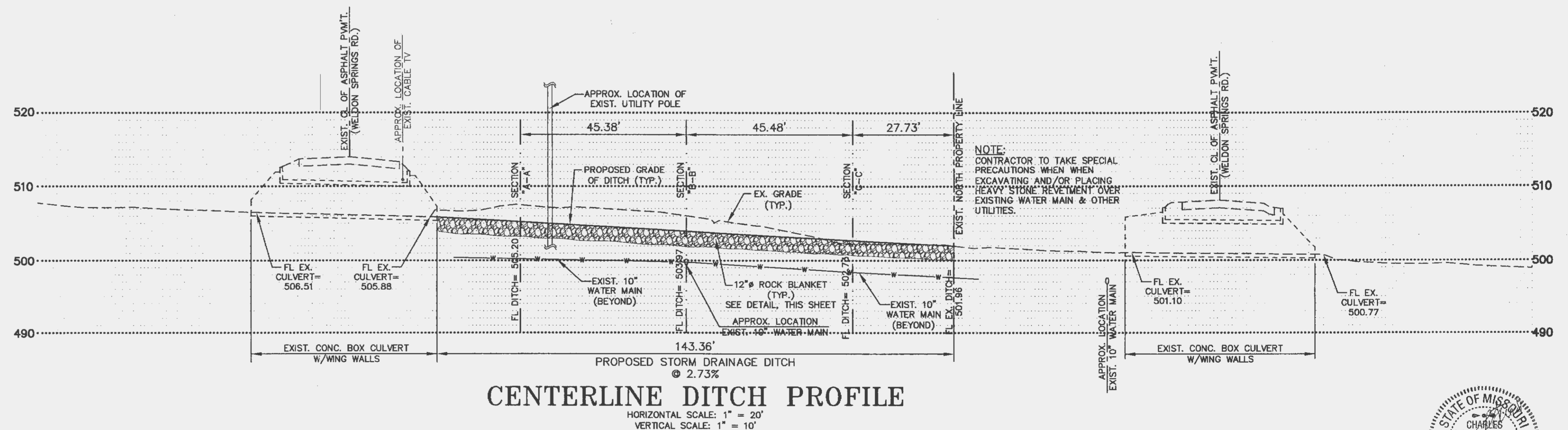
CONTRACTOR MUST CONTACT "DIG-RITE" (1-800-344-7483) FOR UTILITY LOCATIONS BEFORE PERFORMING ANY EXCAVATION ON THE SITE.

THE CITY OF O'FALLON SHALL ALSO BE CONTACTED FOR UTILITY LOCATES UNDER ITS MAINTENANCE RESPONSIBILITY. THIS MAY INCLUDE WATER, SANITARY, STORM, AND TRAFFIC LOCATES.

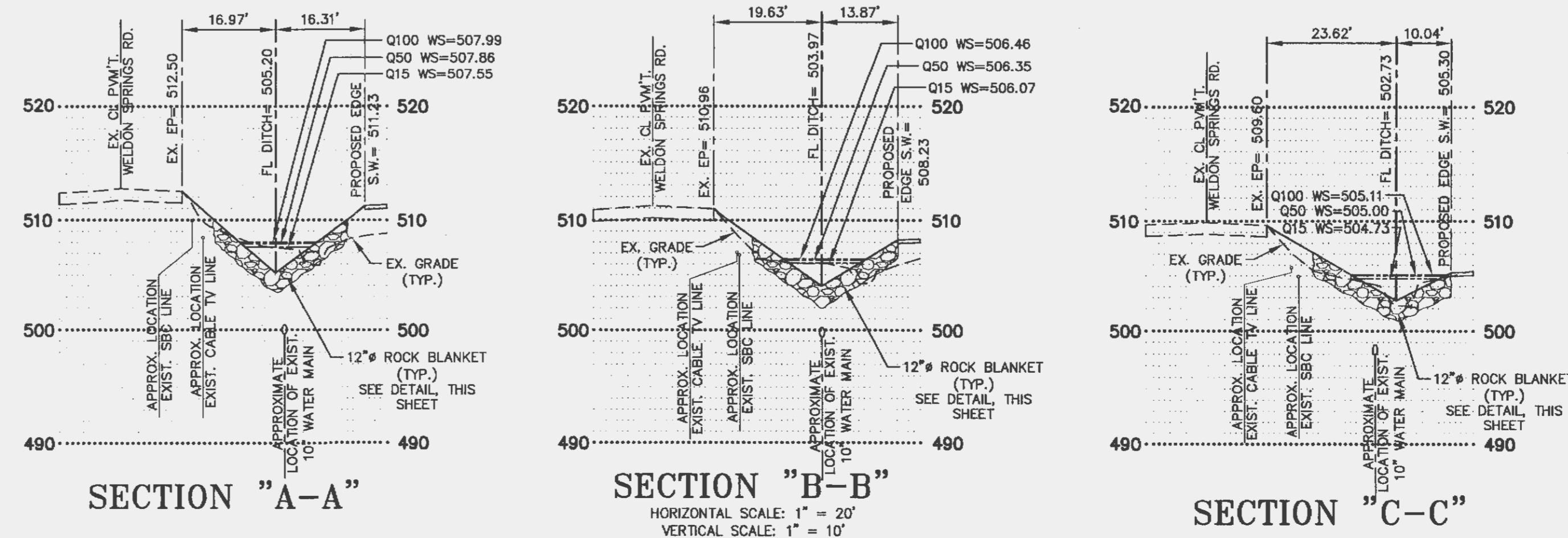


PUBLIC STORM SEWER PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'

WATER SURFACE ELEVATIONS IN DITCH IRREGULAR SECTIONS						
SECTION	FREQUENCY	FL	NORMAL DEPTH	SURFACE ELEVATION	EDGE SHDR WELDON SPRGS	FREE BOARD
A-A	15 YR	505.2	2.35	507.55	512.50	4.95
A-A	50 YR	505.2	2.66	507.86	512.50	4.64
A-A	100 YR	505.2	2.79	507.99	512.50	4.51
B-B	15 YR	503.97	2.10	506.07	510.96	4.89
B-B	50 YR	503.97	2.38	506.35	510.96	4.61
B-B	100 YR	503.97	2.49	506.46	510.96	4.50
C-C	15 YR	502.73	2.00	504.73	509.60	4.87
C-C	50 YR	502.73	2.27	505.00	509.60	4.60
C-C	100 YR	502.73	2.38	505.11	509.60	4.49



CENTERLINE DITCH PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'



SECTION "A-A"
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'

SECTION "B-B"
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'

SECTION "C-C"
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 10'

- 2) 7/27/07 - REVISED DITCH DETAIL
- 1) REVISIONS PER CITY OF O'FALLON COMMENT LETTER DATED 10/13/06.

ADDENDUM TO SOUTHERNSIDE APARTMENTS STORM DRAINAGE DITCH PLAN, PROFILES & DITCH SECTIONS

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