CONTRACT NO. 83737

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2509	96-00094-01-WR	KANE	187	96
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

110 INL TY. A, 2' DIA.
F&G TYPE 24
STA. 85+75, 42.00' LT
RIM = 826.01
INV(E) = 823.02

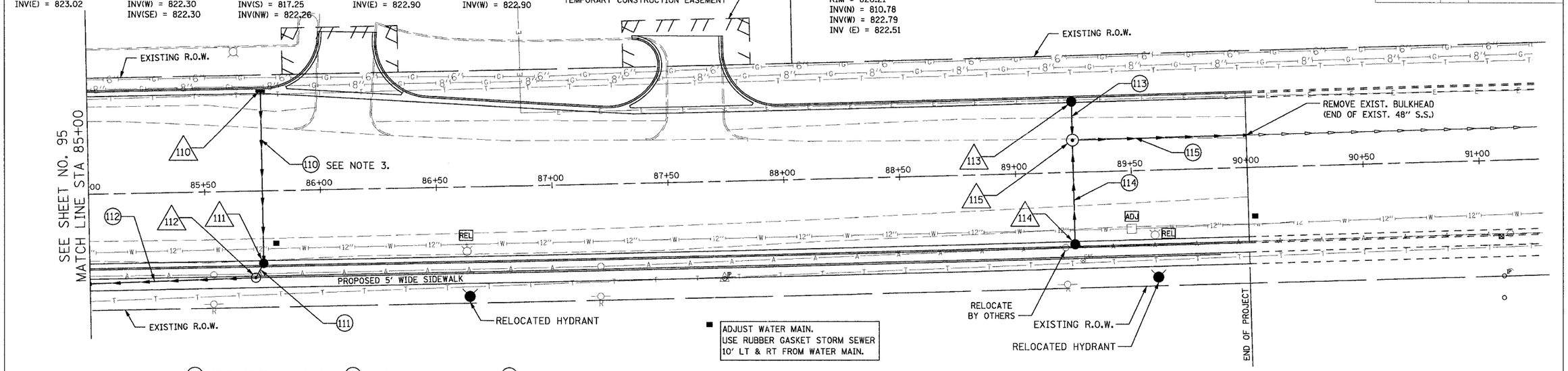
111 CB TY. A, 4' DIA.
F&G TYPE 24
STA. 85+75, 30.00' RT
RIM = 826.25
INV(W) = 822.30
INV(SE) = 822.30

112 MH TY. A, 6' DIA.
FRAME TYPE 1, CL. LID
STA. 85+71.5, 37.25' RT
RIM = 826.30
INV(S) = 817.25
INV(NW) = 822.26

113 CB TY. A, 4' DIA.
F&G TYPE 24
STA. 89+25, 30.00' LT
RIM = 825.91
INV(E) = 822.90

114 CB TY. A, 4' DIA.
F&G TYPE 24
STA. 89+25, 30.00' RT
RIM = 825.91
INV(W) = 822.90

115 MH TY. A, 6' DIA.
FRAME TYPE 1, CL. LID
STA. 89+25, 14+00' LT
RIM = 826.21
INV(N) = 810.78
INV(W) = 822.79
INV (E) = 822.51



ADJUST WATER MAIN.
USE RUBBER GASKET STORM SEWER
10' LT & RT FROM WATER MAIN.

110 STORM SEWER CL. A 1, 12"
RG 72 FT @ 1.00%
TBF = 9.5 C.Y.

111 STORM SEWER CL. A 1, 12"
8 FT @ 1.00%
TBF = 1.1 C.Y.

112 STORM SEWER CL. A 2, 42"
RG 100 FT @ 0.20%
TBF = 141.5 C.Y.

113 STORM SEWER CL. A 1, 12"
11 FT @ 1.00%
TBF = 1.5 C.Y.

114 STORM SEWER CL. A 1, 12"
RG 39 FT @ 1.00%
TBF = 5.2 C.Y.

115 STORM SEWER CL. A 2, 48"
75 FT @ 0.10%
TBF = 22 C.Y.

FOR DRAINAGE AND UTILITY
LEGEND SEE SHEET NO. 87.

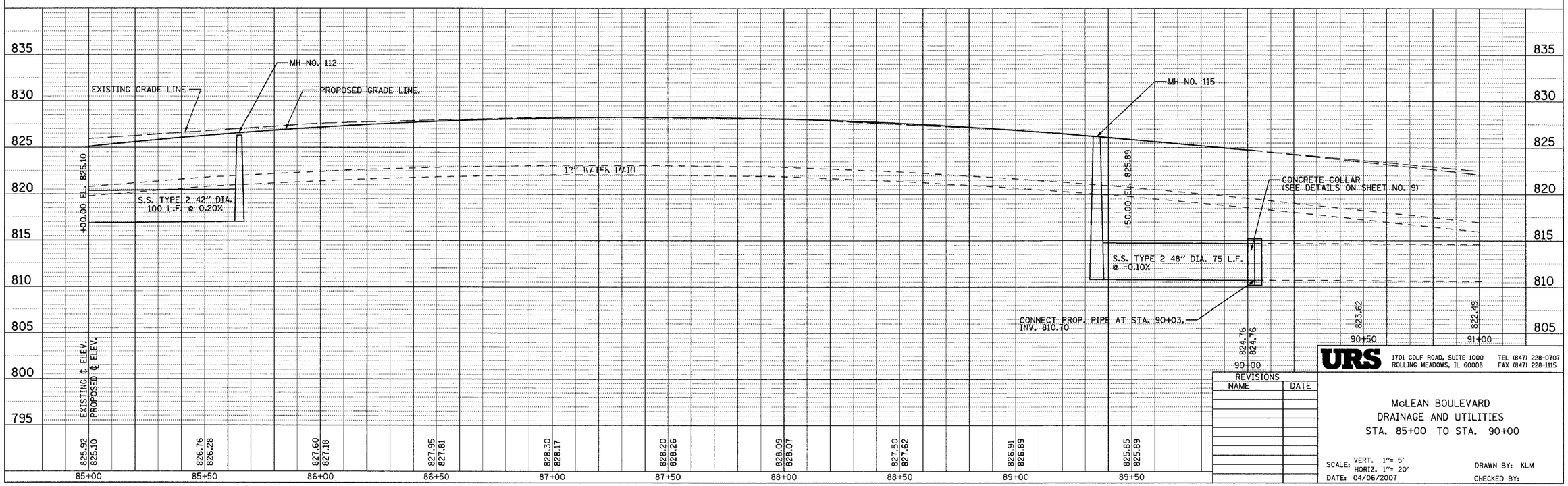
NOTE 1: ALL PRIVATE UTILITIES ARE TO BE RELOCATED AND/OR ADJUSTED BY OTHERS UNLESS STATED OTHERWISE.

NOTE 2: CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE DEPTH AND LOCATION OF EXISTING UTILITIES. SEE SPECIAL PROVISION REGARDING THE COOPERATION WITH UTILITIES (LRS 1).

NOTE 3: LATERAL PIPES WILL BE BUILT IN STAGES. PROVIDE NECESSARY COLLAR. SEE SHEET NO. 9 FOR THE COLLAR DETAIL. TYPICAL FOR ALL LATERAL PIPES.

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.L. OF W.A. CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE



REVISIONS

NAME	DATE

URS
1701 GOLF ROAD, SUITE 1000
ROLLING MEADOWS, IL 60008
TEL (847) 228-0707
FAX (847) 228-1115

McLEAN BOULEVARD
DRAINAGE AND UTILITIES
STA. 85+00 TO STA. 90+00

SCALE: VERT. 1"= 5'
HORIZ. 1"= 20'
DATE: 04/06/2007

DRAWN BY: KLM
CHECKED BY: