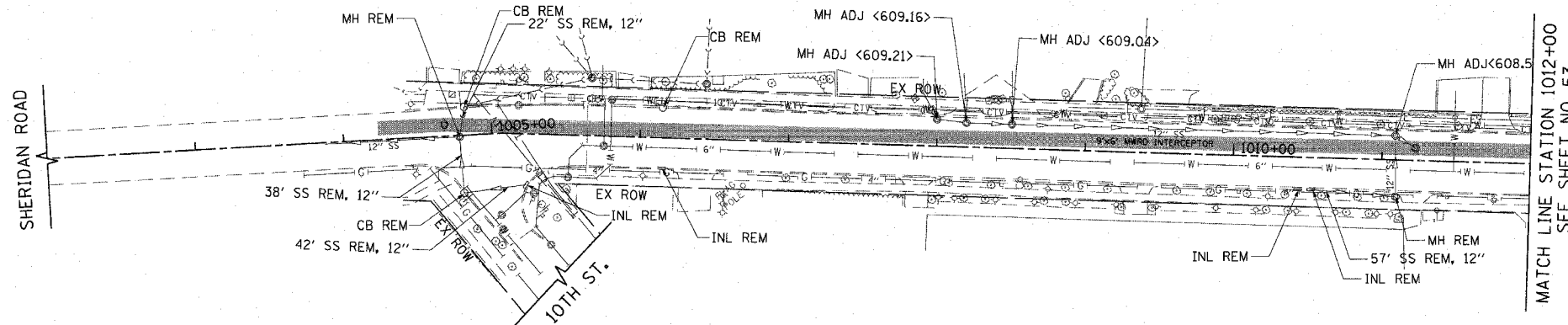


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FP	COOK	246	52
STA. 1002+00		TO STA. 1012+00		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

NOTES

1. THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE INCLUDED IN THE COST OF THE CONTRACT. HOWEVER, THE NECESSARY PIPE USED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "STORM SEWER" OF THE SIZE REQUIRED.
 2. SEE THE DRAINAGE STRUCTURES IN CURB & GUTTER TAPER DETAIL (SEE SHEET 22) FOR MODIFICATIONS TO THE CURB AND GUTTER FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB AND GUTTER.
 3. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES WHICH ARE LOCATED IN THE GUTTER ARE GIVEN AT THE EDGE OF PAVEMENT WITH RELATION TO THE PROPOSED CENTERLINE.
 4. OFFSETS AND TOP OF FRAME OR LID ELEVATIONS FOR STRUCTURES NOT LOCATED IN THE GUTTER ARE GIVEN TO THE CENTER OF THE STRUCTURE WITH RELATION TO THE PROPOSED CENTERLINE.
 5. CENTER OF RIM FOR STRUCTURES ON MAINLINE THAT ARE LOCATED IN PAVEMENT SHOULD BE PLACED AT THE SAME OFFSET AS STRUCTURE IS PLACED.
 6. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FEET AND THE WATER MAIN INVERT IS LESS THAN 18 INCHES ABOVE THE STORM SEWER CROWN.
 7. STORM SEWER (WATER MAIN REQUIREMENTS) IS TO BE USED AT LOCATIONS WHERE THE STORM SEWER CROSSES ABOVE THE WATERMAIN.
 8. ALL MWRDGC MANHOLES SHALL BE ADJUSTED IN ACCORDANCE WITH MWRDGC STANDARD NO. 8-121 AND MWRDGC DETAILS (SEE SHEETS 182 AND 182A RESPECTIVELY)
 9. ANY PROPOSED MANHOLES, CATCH BASINS, AND VALVE VAULTS WHICH WILL BE OWNED BY THE CITY OF EVANSTON SHALL NOT HAVE CAST IRON STEPS IN THEM.
 10. ALL PROPOSED STORM SEWER MUST CONFORM TO THE MWRD NOTES (SEE SHEET #NOTES-2 ALL PIPES MUST CONFORM TO THE MATERIALS LISTED IN MWRD NOTE 5.
 11. EACH PROPERTY SHALL HAVE A STORM SEWER SERVICE.
- BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT

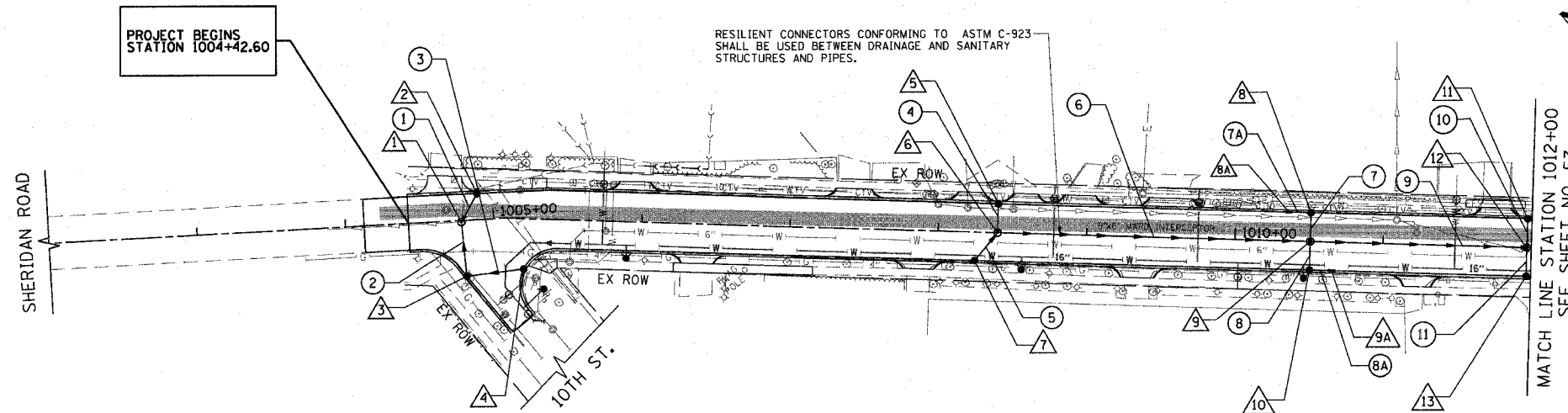
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 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = b.johnson



EXISTING

PROJECT BEGINS
 STATION 1004+42.60

RESILIENT CONNECTORS CONFORMING TO ASTM C-923
 SHALL BE USED BETWEEN DRAINAGE AND SANITARY
 STRUCTURES AND PIPES.



LEGEND

	EXISTING COMBINED SEWER
	PROPOSED COMBINED SEWER
	EXISTING STORM SEWER
	PROPOSED STORM SEWER
	EXISTING CATCH BASIN
	PROPOSED CATCH BASIN
	PROPOSED MANHOLE

PROPOSED

SCHEDULE OF STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET (FT)	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT						
						NORTH	NE	EAST	SOUTH	SW	WEST	NW
1	1004+78.2	1.0' RT	MH TA 4 DIA	T1 F, CL	609.67			605.38			604.67	603.97
2	1004+89.7	17.5' LT	CB TYPE C	T23 F & G	609.33						605.58	
3	1004+79.9	37.8' RT	CB TA 4 DIA	T23 F & G	609.20		605.02	605.12				
4	1005+21.3	34.2' RT	CB TYPE C	T23 F & G	609.26							605.51
5	1008+40.0	19.5' LT	CB TYPE C	T23 F & G	609.02					605.29		
6	1008+40.0	0.0' RT	MH TA 4 DIA	T1 F, CL	609.41		605.11	605.11		605.11		
7	1008+25.0	19.5' RT	CB TYPE C	T23 F & G	609.08		605.29					
8	1010+50.9	19.5' LT	CB TA 4 DIA	T23 F & G	608.33					604.58		604.58
8A	1010+35.9	19.5' LT	INLET TA	T23 F & G	608.34			604.69				
9	1010+50.9	0.0' RT	MH TA 4 DIA	T1 F, CL	608.72		604.40	604.18		604.40		604.28
9A	1010+65.9	19.5' RT	INLET TA	T23 F & G	608.34			604.69				
10	1010+50.9	19.5' RT	CB TA 4 DIA	T23 F & G	608.33					604.58		604.58
11	1011+97.0	19.5' LT	CB TYPE C	T23 F & G	608.70					604.95		
12	1011+97.0	0.0' RT	MH TA 5 DIA	T1 F, CL	609.09		604.78	603.73		604.78		603.83
13	1011+97.0	19.5' RT	CB TYPE C	T23 F & G	608.70		604.95					

SCHEDULE OF STORM SEWER PIPES

PIPE NUMBER	ITEM	CLASS	TYPE	SIZE	LENGTH (FT)	SLOPE	TBF (CY YD)
1	SS	A	1	12"	19.7	1.00%	3
2	SS	A	2	12"	34.9	1.00%	12
3	SS	WM REQMTS	1	12"	38.6	1.00%	6
4	SS	A	1	12"	17.5	1.00%	3
5	SS	WM REQMTS	1	12"	22.6	1.00%	4
6	SS	WM REQMTS	1	15"	206.9	0.40%	36
7A	SS	A	1	12"	12.0	1.00%	2
7	SS	A	1	12"	17.5	1.00%	3
8A	SS	A	1	12"	12.0	1.00%	2
8	SS	WM REQMTS	1	12"	17.5	1.00%	3
9	SS	WM REQMTS	2	18"	142.2	0.25%	50
10	SS	A	1	12"	17.5	1.00%	3
11	SS	WM REQMTS	1	12"	17.5	1.00%	3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAINAGE & UTILITY PLAN
 SHERIDAN ROAD
 STATION 1002+00 TO STATION 1012+00

DATE 7/13/07
 DRAWN BY LTD
 CHECKED BY BJL

50' 0 50'
 HORIZ. 1"=50'

1051 PERIMETER DRIVE, SUITE 1025
 SCHAUMBURG, ILLINOIS 60173
 (847) 605-9600

