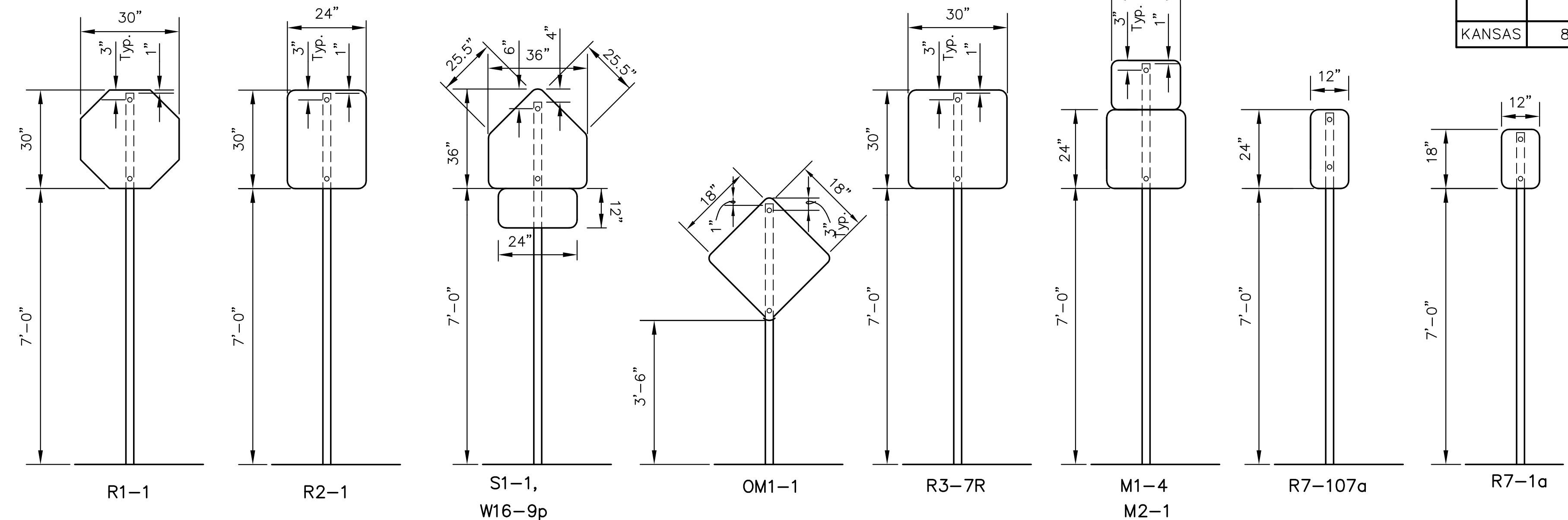


TRAFFIC CONTROL SIGNS & SIGN POST

Station	Location from C	Classification - Each											Sign Post Length			
		R1-1	R2-1	R3-7R	OM1-1	R7-10	187-10	S1-1	W16-9p	M1-4	M2-1			Breakaway 1-3/4"x1-3/4"	U-Channel	
Oliver																
6+84	Lt.		1												10.5'	
11+14	Lt.			1											10.5'	
13+00	Rt.		1												10.5'	
13+22	Rt.		1												10.5'	
15+41	Rt.			1											10.5'	
16+13	Lt.	1													10.5'	
16+75	Rt.	1													10.5'	
17+71	Rt.					1									5.5'	
26+82	Rt.						1								5.5'	
27+00	Rt.			1											10.5'	
31+39	Rt.						1								5.5'	
32+72	Lt.						1								5.5'	
33+81	Lt.	1													10.5'	
34+44	Lt.		1												10.5'	
36+13	Lt.						1								10.0'	
36+83	Rt.						1								10.0'	
38+63	Rt.		1												10.5'	
42+92	Lt.	1													10.5'	
43+56	Rt.	1													10.5'	
48+43	Rt.	1													10.5'	
49+54	Lt.	1													10.5'	
49+58	Lt.						1								9.5'	
49+83	Rt.	1													10.5'	
49+97	Lt.						1								9.5'	
50+93	Rt.						1	1							11.0'	
52+47	Rt.	1													10.5'	
54+93	Rt.	1													10.5'	
56+16	Lt.	1													10.5'	
56+57	Lt.						1	1							11.0'	
56+63	Rt.	1													10.5'	
57+05	Rt.							1	1						11.0'	
58+61	Rt.						1	1							11.0'	
60+00	Lt.		1												10.5'	
Harry																
67+78	Lt.		1												10.5'	
68+49	Rt.			1											10.5'	
71+61	Lt.			1											10.5'	
72+75	Rt.		1												10.5'	
73+51	Rt.	1													10.5'	
73+72	Lt.			1											10.5'	
Total		13	8	6	4	2	2	3	3	1	1				388.5'	

STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
KANSAS	87 N-0357-01	2008	131	185



SIGN MOUNTING DETAILS

SIGN POST LENGTH SUMMARY	
BREAKAWAY SIGN POST:	
1 3/4"x1 3/4" LENGTH	EACH
5.5'	4
9.5'	2
10.0'	2
10.5'	27
11.0'	4
2-1/4"x2-1/4"x18"	39
2"x2"x36"	39
U-CHANNEL	
LENGTH	EACH
STUBS 3'	
POSTS 8'	
POSTS 9'	
POSTS 9-1/2'	
POSTS 11'	

RECAPITULATION OF MATERIALS		
ITEMS	TOTAL	UNIT
Sign Face, (High Intensity HA Reflective Sheeting)	193.28	S.F.
Steel "U" Channel Sign Post		L.F.
Breakaway Sign Post, 1-3/4" x 1-3/4"	388.5	L.F.
Breakaway Anchor Sleeve, 2-1/4" x 2-1/4" x 18"	58.5	L.F.
Breakaway Sign Post Anchor, 2" x 2" x 36"	117.0	L.F.

RECAPITULATION OF MATERIALS		
BID ITEMS	TOTAL	UNIT
Signing	LUMP SUM	L.S.

SIGN DESCRIPTION				
CLASSIFICATION	TYPE	SIZE	AREA	
R1-1	STOP SIGN	30"x30"	5.18	SQ. FT.
R2-1	SPEED LIMIT	24"x30"	5.00	SQ. FT.
S1-1	SCHOOL ZONE	36"x36"	6.75	SQ. FT.
W16-9p	"AHEAD"	24"x12"	2.00	SQ. FT.
OM1-1	OM-1	18"x18"	2.25	SQ. FT.
R3-7R	RIGHT LAN MUST TURN RIGHT	30"x30"	6.25	SQ. FT.
R7-107A	NO PARKING (TRANSIT)	12"x24"	2.00	SQ. FT.
R7-1a	NO PARKING (ARROW)	12"x18"	1.50	SQ. FT.
M1-4	ROUTE MARKER	24"x24"	4.00	SQ. FT.
M2-1	"JUNCTION"	21"x15"	2.19	SQ. FT.

- PAVEMENT INSTALLATION SEQUENCE
- SIGN POST ANCHOR DRIVEN INTO SUBGRADE PRIOR TO THE PLACEMENT OF THE PAVEMENT.
 - ANCHOR SLEEVE DRIVEN INTO SUBGRADE OVER THE SIGN POST ANCHOR PRIOR TO THE PLACEMENT OF THE PAVEMENT.
 - INSERT SIGN POST INTO THE SIGN POST ANCHOR AND BOLT IN PLACE.

- GROUND INSTALLATION SEQUENCE
- SIGN POST ANCHOR DRIVEN INTO THE GROUND.
 - ANCHOR SLEEVE DRIVEN INTO THE GROUND OVER THE SIGN POST ANCHOR.
 - INSERT SIGN POST INTO THE SIGN POST ANCHOR AND BOLT IN PLACE.

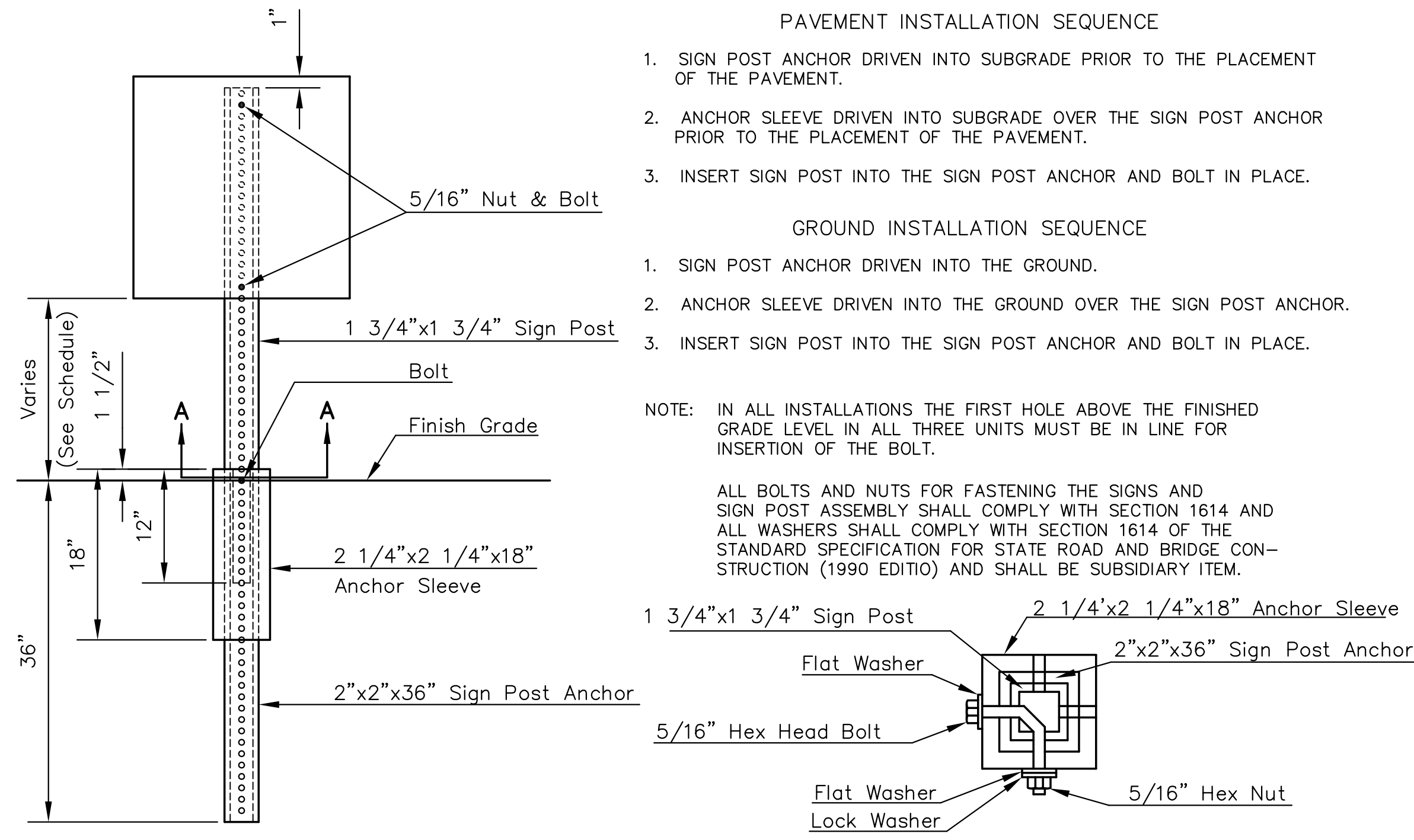
NOTE: IN ALL INSTALLATIONS THE FIRST HOLE ABOVE THE FINISHED GRADE LEVEL IN ALL THREE UNITS MUST BE IN LINE FOR INSERTION OF THE BOLT.

ALL BOLTS AND NUTS FOR FASTENING THE SIGNS AND SIGN POST ASSEMBLY SHALL COMPLY WITH SECTION 1614 AND ALL WASHERS SHALL COMPLY WITH SECTION 1614 OF THE STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION (1990 EDITION) AND SHALL BE SUBSIDIARY ITEM.

NOTE: ALL LETTER, NUMBER, & SYMBOL SIZES, SPACING, AND COLORS AND SHALL CONFORM TO THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."

ALL SIGN MATERIAL TO BE 0.080" ALUMINUM.

CONTRACTOR SHALL CONFIRM APPROPRIATE STYLE OF "NO PARKING" SIGNS PRIOR TO INSTALLATION.



BREAK-AWAY SIGN POST DETAIL SECTION A-A

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KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGN DETAILS

PROJECT NO. 87 N-0357-01 SEDGWICK CO.

M K E C ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY: JRA	CHECKED BY: JRA
DRAWN BY: WJN	DATE: JULY 2004

SHEET 131 OF 185