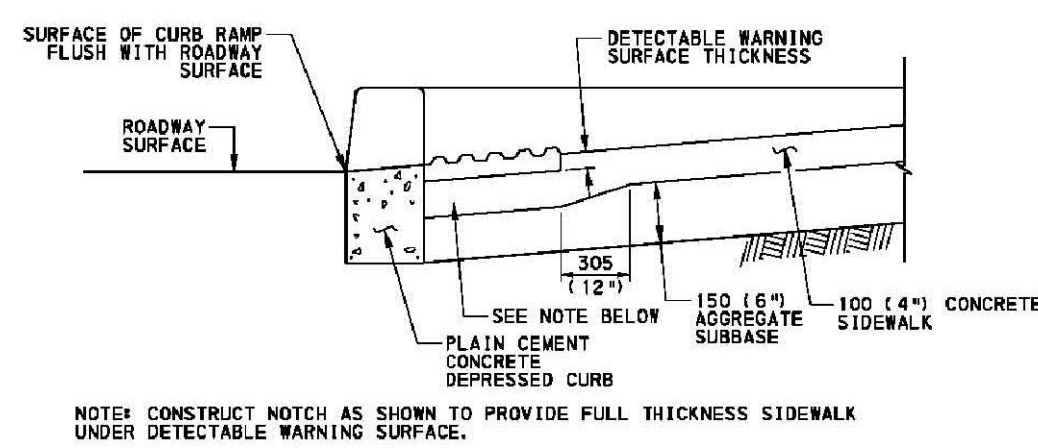


TRUNCATED DOME DIMENSIONS

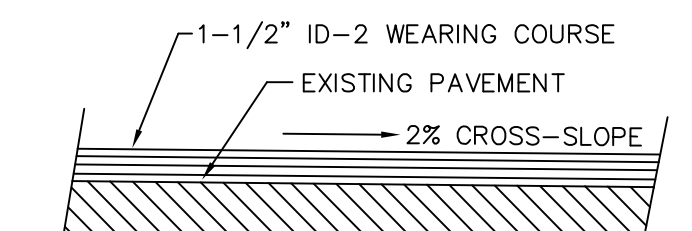
DIM	MIN	MAX
A	1.1 (2.8)	1.2 (3.0)
B	1.1 (2.8)	1.2 (3.0)
C	0.2 (0.5)	0.2 (0.5)
D	1.1 (2.8)	1.2 (3.0)

DETECTABLE WARNING SURFACE (DWS) TRUNCATED DOME DETAILS

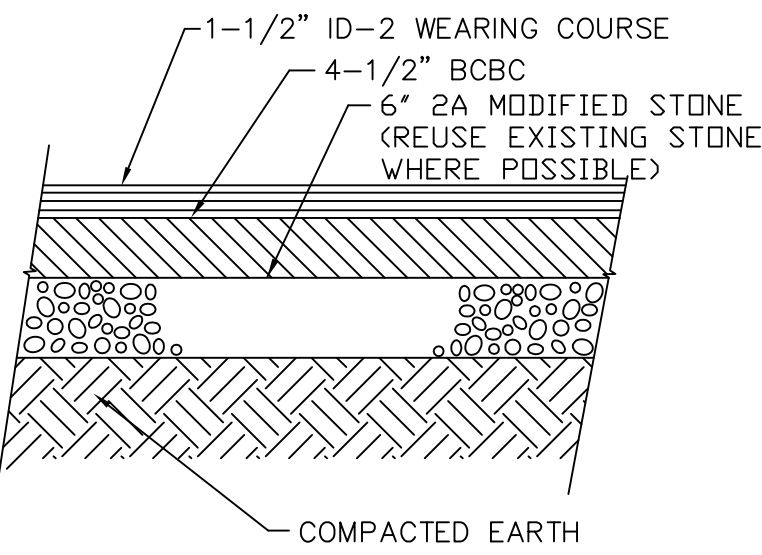
- 1) THE C DIMENSION IS 60% TO 65% OF THE D DIMENSION.
- 2) CONSTRUCTION JOINTS ARE SHOWN TO DEPICT A 90 DEGREE GRID. ACTUAL SIZE AND SHAPE MAY VARY.
- 3) ONE CORNER OF THE DWS MUST BE WITHIN 200 (8") OF THE FACE OF CURB. NO OTHER POINT ON THE LEADING EDGE OF THE DWS MAY BE MORE THAN 1550 (60") AWAY FROM THE FACE OF CURB.



DETECTABLE WARNING SURFACE EMBEDDING DETAIL

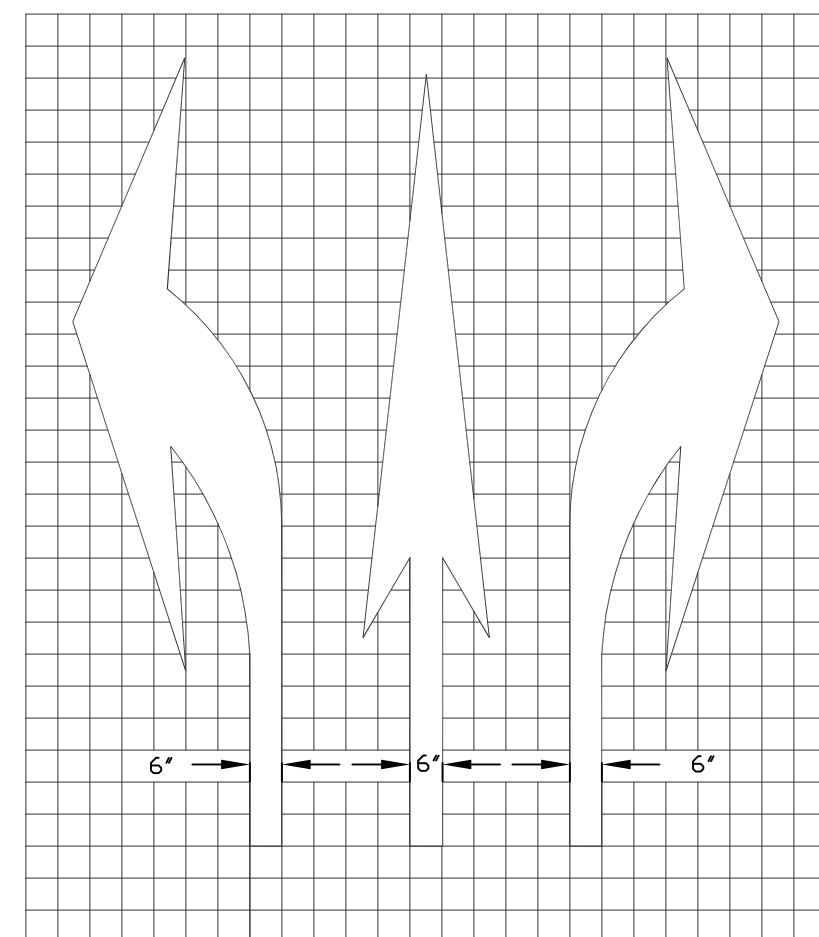


TYPICAL DRIVE PAVING OVERLAY DETAIL
SCALE: NO SCALE

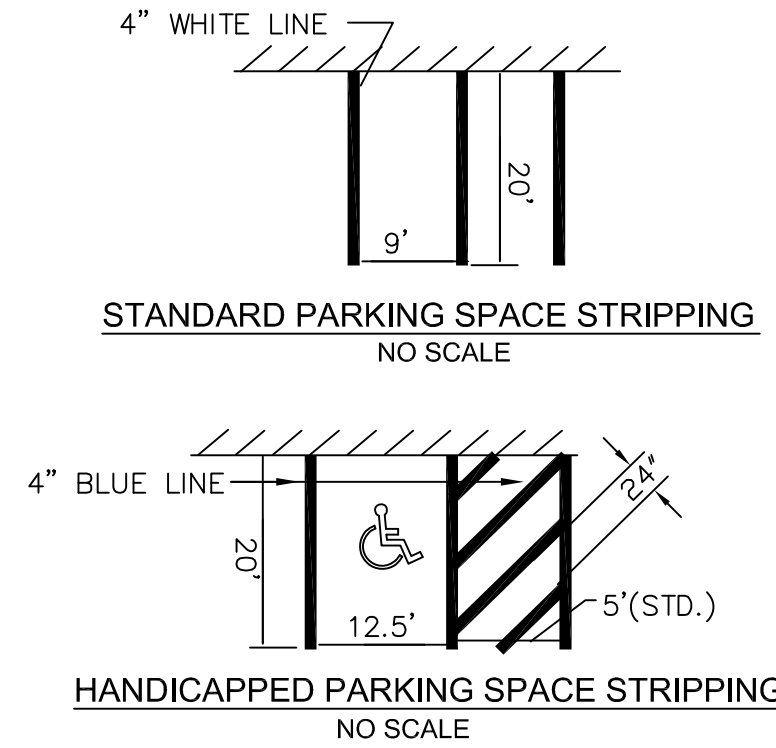


TYPICAL PARKING LOT PAVING DETAIL
SCALE: NO SCALE

NOTE:
1. DUE TO SHALLOW BED ROCK ON SITE THE A REDUCTION IN THE PAVEMENT SECTION FROM THE REQUIRED 6" SUB-BASE, 5" BCBC, 1 1/2" BINDER AND 1" WEARING TO THE PROPOSED 6" SUB-BASE, 4" BCBC AND 1 1/2" WEARING IS BEING PROPOSED.



EACH GRID EQUALS 6"X6"
SOLID WHITE HOT THERMOPLASTIC LINE ON BITUMINOUS PAVEMENT
MARKING ARROWS
NOT TO SCALE



STANDARD PARKING SPACE STRIPPING
NO SCALE

HANDICAPPED PARKING SPACE STRIPPING
NO SCALE

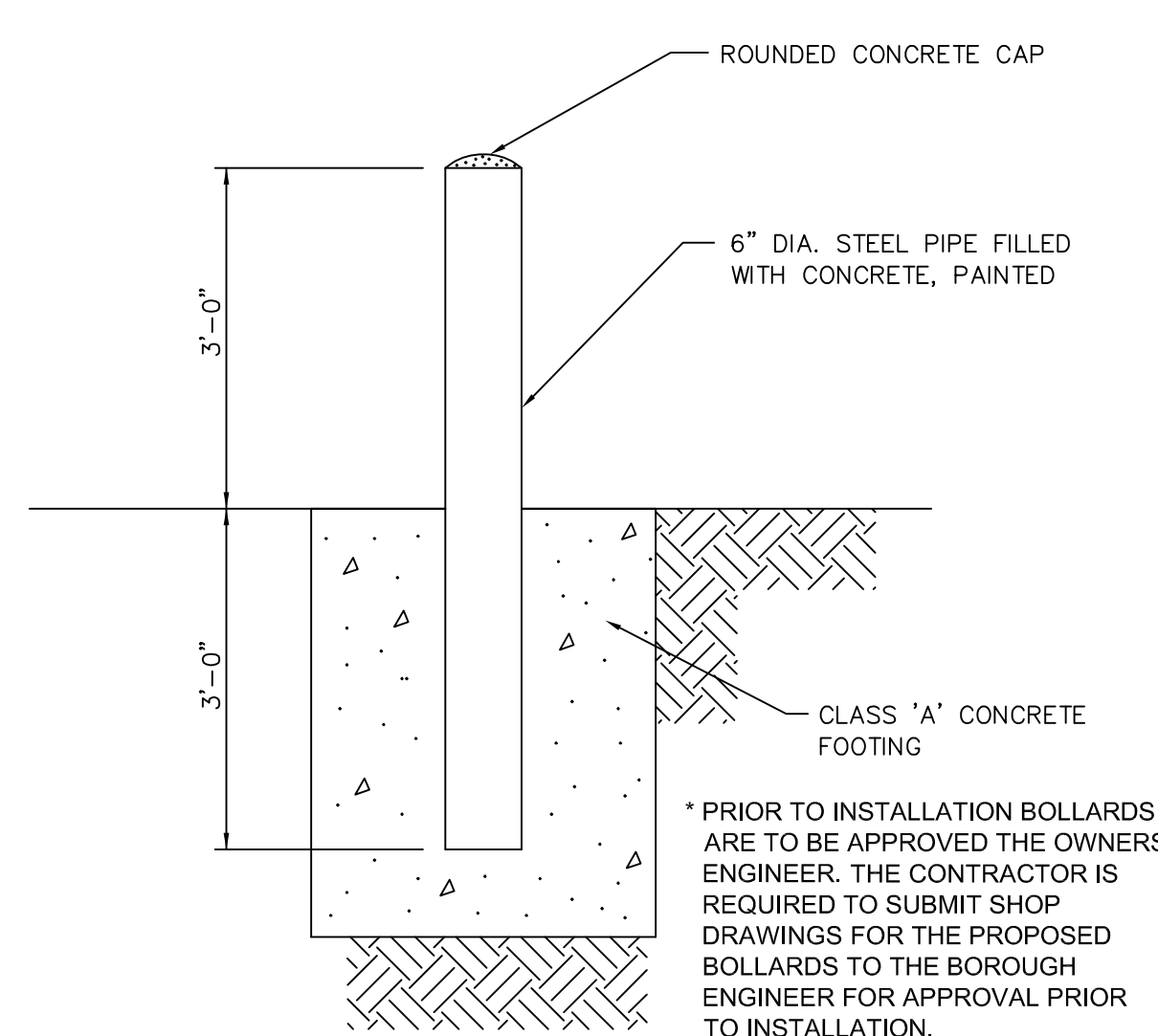
DIMENSIONS - mm (IN)

SIZE	C	D	E	F	G	H	J	K	L	M	MIN. BDR.	MAX. BDR.	BLANK STD.
A x B													
750 x 750	100	100	47	126	365	310	291	199	583	750	85	750	85-750
600 x 300	150	150	60	150	300	250	250	150	450	300	100	300	85-600
450 x 300	100	100	40	100	225	180	180	100	300	225	75	225	85-450
300 x 300	75	75	30	75	150	120	120	75	225	150	50	150	85-300
150 x 150	38	38	15	38	75	60	60	38	112	75	25	75	85-150

COLOR:
LEGEND AND BORDER: RED (REFLECTORIZED)
BACKGROUND: WHITE (REFLECTORIZED)

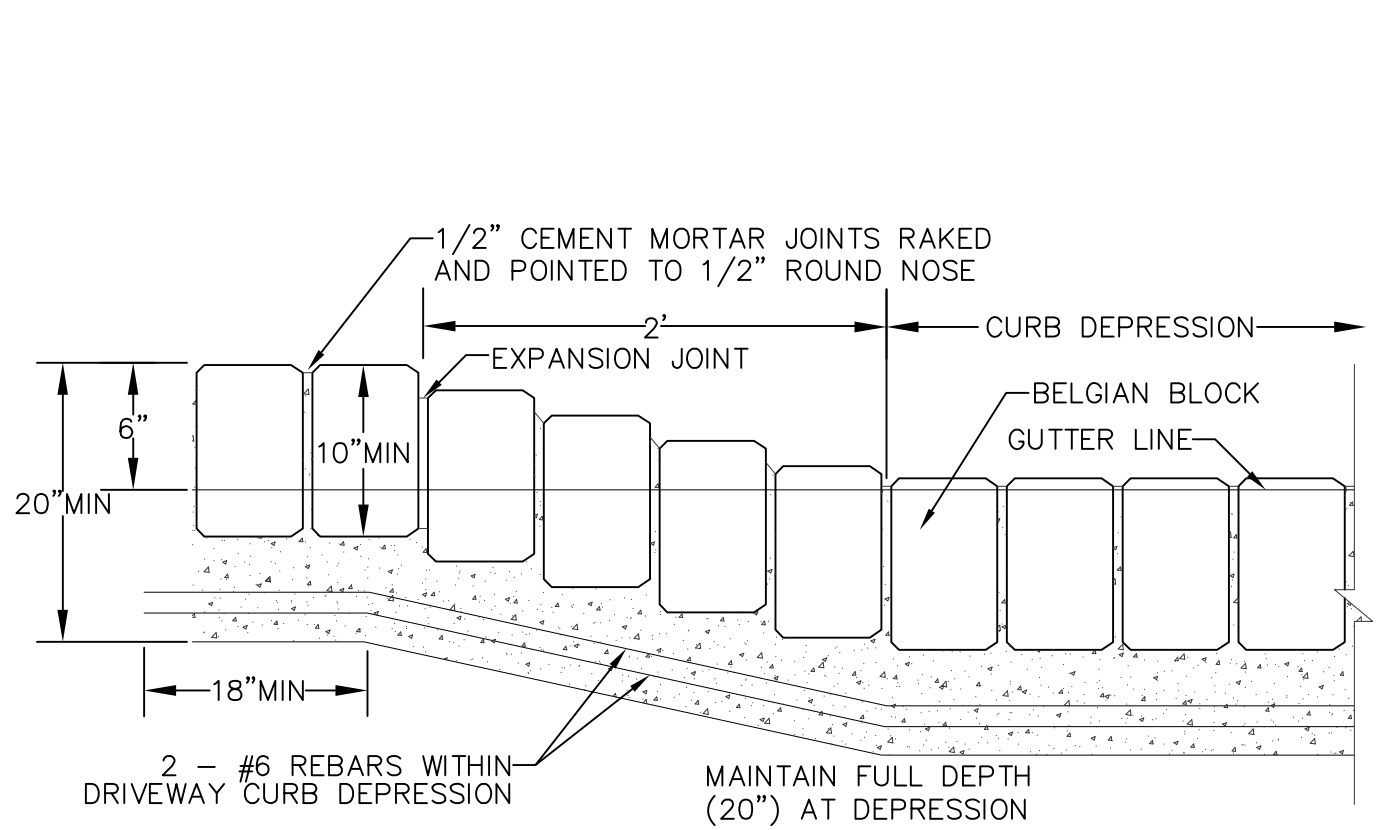
APPROVED FOR THE SECRETARY OF TRANSPORTATION
By: *Alan C. Row* Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

BOLLARD DETAIL
NO SCALE



* PRIOR TO INSTALLATION BOLLARDS ARE TO BE APPROVED THE OWNERS ENGINEER. THE CONTRACTOR IS REQUIRED TO SUBMIT SHOP DRAWINGS FOR THE PROPOSED BOLLARDS TO THE BOROUGH ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.

BELGIAN BLOCK CURB DEPRESSION DETAIL
NOT TO SCALE



BELGIAN BLOCK CURB
NOT TO SCALE

R7-8F
RESERVED PARKING PENALTIES SIGN

The Reserved Parking Penalties Sign (R7-8F) shall be installed with the Reserved Parking Sign (R7-8). When used, the R7-8F sign shall be placed below the R7-8 Sign. In order to improve visibility of signs installed at the front of reserved stalls, a substandard height to the bottom of the sign of approximately 1.1 m (3'-6") above the parking stall elevation may be used.



DIMENSIONS - mm (IN)

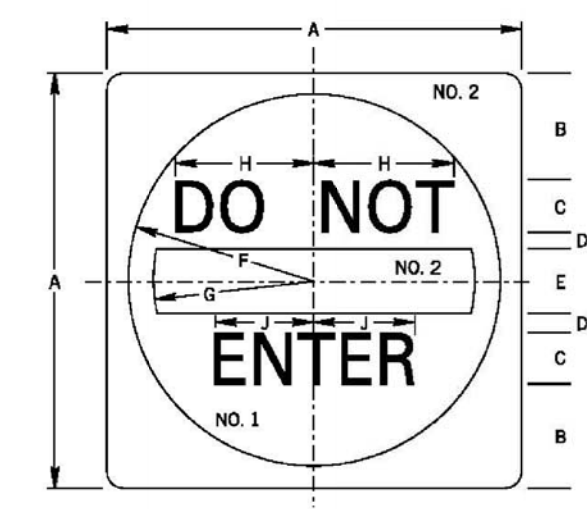
SIZE	C	D	E	F	G	H	J	K	L	M	MIN. BDR.	MAX. BDR.	BLANK STD.
A x B													
750 x 750	100	100	47	126	365	310	291	199	583	750	85	750	85-750
600 x 300	150	150	60	150	300	250	250	150	450	300	100	300	85-600
450 x 300	100	100	40	100	225	180	180	100	300	225	75	225	85-450
300 x 300	75	75	30	75	150	120	120	75	225	150	50	150	85-300
150 x 150	38	38	15	38	75	60	60	38	112	75	25	75	85-150

COLOR:
LEGEND AND BORDER: RED (REFLECTORIZED)
BACKGROUND: WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION
By: *Alan C. Row* Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R5-1
DO NOT ENTER SIGN

- (a) Justification: The Do Not Enter Sign (R5-1) shall be authorized for use to prohibit traffic from entering a restricted road section.
- (b) Placement: The R5-1 sign should normally be mounted on the right-hand side of the roadway, facing traffic entering the roadway or ramp in the wrong direction. However, a second sign on the left-hand side of the roadway may be justified, particularly where traffic may be approaching in a turn.
- (c) Size: The standard size of the R5-1 sign shall be 750 mm by 750 mm (30" x 30"). The standard size for expressways shall be 900 mm by 900 mm (36" x 36").



DIMENSIONS - mm (IN)

SIZE	B	C	D	E	F	G	H	J	BLANK STD.
A x B									
450 x 600	65	125	35	115	135	136	176	145	15
600 x 750	90	150	45	145	180	180	225	180	15
750 x 900	115	175	60	170	225	225	270	225	15
900 x 1050	140	200	75	195	285	285	330	285	15

COLOR:
LEGEND: WHITE (REFLECTORIZED)
BACKGROUND: RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION
By: *Alan C. Row* Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R6-2L
VERTICAL LEFT ONE-WAY SIGN

- (a) Justification: The Vertical Left One-Way Sign (R6-2L) shall be authorized for use only when lateral space is limited, in lieu of the Horizontal Left One-Way Sign (R6-1L).
- (b) Size: The standard size of the R6-2L sign shall be 600 mm by 750 mm (24" x 30"), but the minimum size shall be 750 mm by 900 mm (30" x 36") when mounted overhead.



DIMENSIONS - mm (IN)

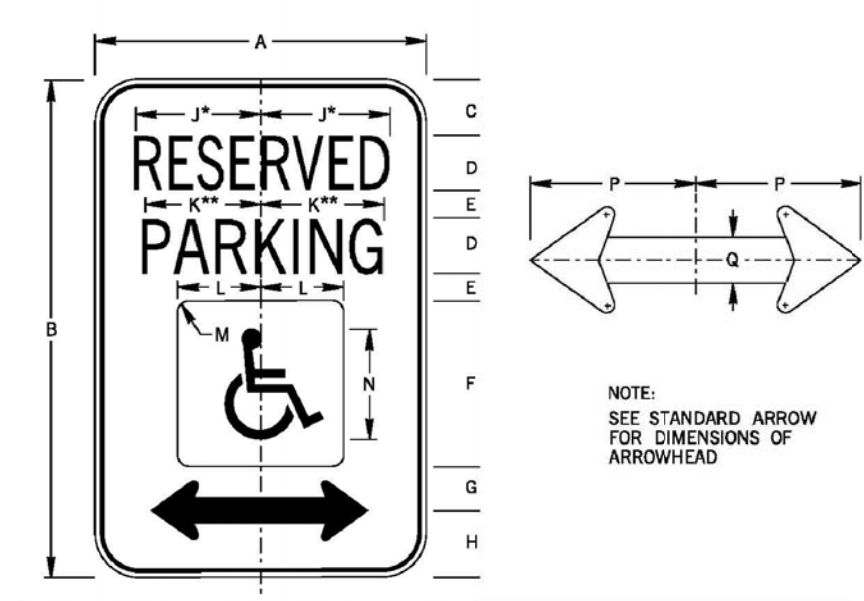
SIZE	C	D	E	F	G	H	J	K	L	M	N	O	P	BLANK STD.
A x B														
450 x 600	65	125	35	115	135	136	176	145	55	10	15	15	15	85-400450
600 x 750	90	150	45	145	180	180	225	180	10	15	15	15	15	85-500600
750 x 900	115	175	60	170	225	225	270	225	10	15	15	15	15	85-600750
900 x 1050	140	200	75	195	285	285	330	285	10	15	15	15	15	85-700900

COLOR:
LEGEND, ARROW AND BORDER: BLACK (NON-REFLECTORIZED)
BACKGROUND: WHITE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION
By: *Alan C. Row* Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

R7-8
RESERVED PARKING SIGN

- The Reserved Parking Sign (R7-8) is authorized to mark the location of a parking space which is reserved for handicapped persons or severely disabled veterans.
- When used the R7-8 sign should generally be installed at the front of each reserved parking stall except in the case of parallel parking. It should be installed at intervals not exceeding 30 m (100') along the side of the stalls. When installed at the front of the parking stalls, the single or double headed arrow may be deleted from the R7-8 sign and the message may be spaced accordingly.
- The Reserved Parking Penalties Sign (R7-8F) shall be posted in conjunction with the R7-8 sign. When used, the R7-8F sign shall be placed below the R7-8 sign.



DIMENSIONS - mm (IN)

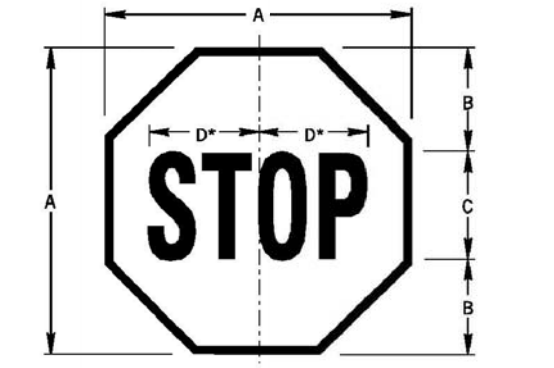
SIZE	C	D	E	F	G	H	J	K	L	M	N	P	Q	MIN. BDR.	MAX. BDR.	BLANK STD.
A x B																
600 x 600	200	200	254	15	15	15	200	200	200	200	200	10	10	85-300400	85-300400	85-600
750 x 750	250	250	305	15	15	15	250	250	250	250	250	10	10	85-300450	85-300450	85-750
900 x 900	300	300	356	15	15	15	300	300	300	300	300	10	10	85-300500	85-300500	85-900
1050 x 1050	350	350	407	15	15	15	350	350	350	350	350	10	10	85-300550	85-300550	85-1050

COLOR:
LEGEND, ARROW AND BORDER: GREEN (REFLECTORIZED)
BACKGROUND AND SYMBOL: WHITE (REFLECTORIZED)
SYMBOL BACKGROUND: BLUE (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION
By: *Alan C. Row* Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering

RI-1
STOP SIGN

- (a) Justification: The Stop Sign (RI-1) is authorized for use on those streets or highways which intersect with a through highway or at a stop intersection as designated by the Department with reference to State-designated highways or local authorities with reference to highways under their jurisdiction. The RI-1 sign is also authorized for use in work zones involving one-lane, two-way roadways. All intersections where all approaches are controlled by an RI-1 sign, a supplemental plaque (R1-3) or (R1-4) shall be mounted below each RI-1 sign.
- (b) Authorization: Before local authorities designate any highway as a through highway or stop intersection which will intersect or affect a State-designated highway, approval of such designation shall first be obtained from the Department. Approval to install RI-1 signs in work areas shall not require the approval of the Department or local authorities when the conditions stipulated in Publication 203M (relating to work zone traffic control) are satisfied.
- (c) Size: The standard size RI-1 sign shall be 750 mm by 750 mm (30" x 30"); however, on low-speed minor roads and secondary streets, a 600 mm by 600 mm (24" x 24") sign may be used.

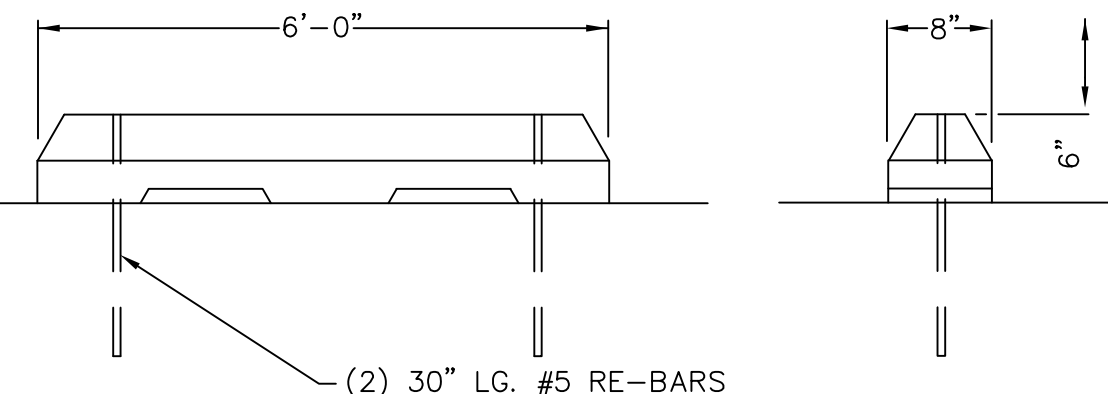


DIMENSIONS - mm (IN)

SIZE	C	D	E	BLANK STD.
A x B				
600 x 600	200	200	254	15
750 x 750	250	250	305	15
900 x 900	300	300	356	15
1050 x 1050	350	350	407	15

COLOR:
LEGEND AND BORDER: WHITE (REFLECTORIZED)
BACKGROUND: RED (REFLECTORIZED)

APPROVED FOR THE SECRETARY OF TRANSPORTATION
By: *Alan C. Row* Date: 01-03-06
Chief, Traffic Engineering and Operations Division
Bureau of Highway Safety and Traffic Engineering



PRECAST CONCRETE BUMPER BLOCK DETAIL
NOT TO SCALE

NO.	DATE	REVISION
1	12/16/09	NEW HOPE ZHB COMMENTS APPROVAL TO REMOVE TREES
2	2/26/10	GILMORE & ASSOCIATES COMMENTS
3	3/30/10	GILMORE & ASSOCIATES COMMENTS

ZONING PERMIT PLAN
CONSTRUCTION DETAILS PLAN
LANDS OF
KEHILAT HANAHAR, TMP NO.27-10-2

NEW HOPE BOROUGH BUCKS COUNTY

KNIGHT ENGINEERING INC.
4998 MECHANICSVILLE ROAD, P.O. BOX 247
MECHANICSVILLE, PENNSYLVANIA 18934
(215) 794-5958

SCALE: AS NOTED	DATE: 6/26/2009	DRAWN BY: BMC	PLAN NO.: 5302	DWG. NO.: 5 OF 7
-----------------	-----------------	---------------	----------------	------------------