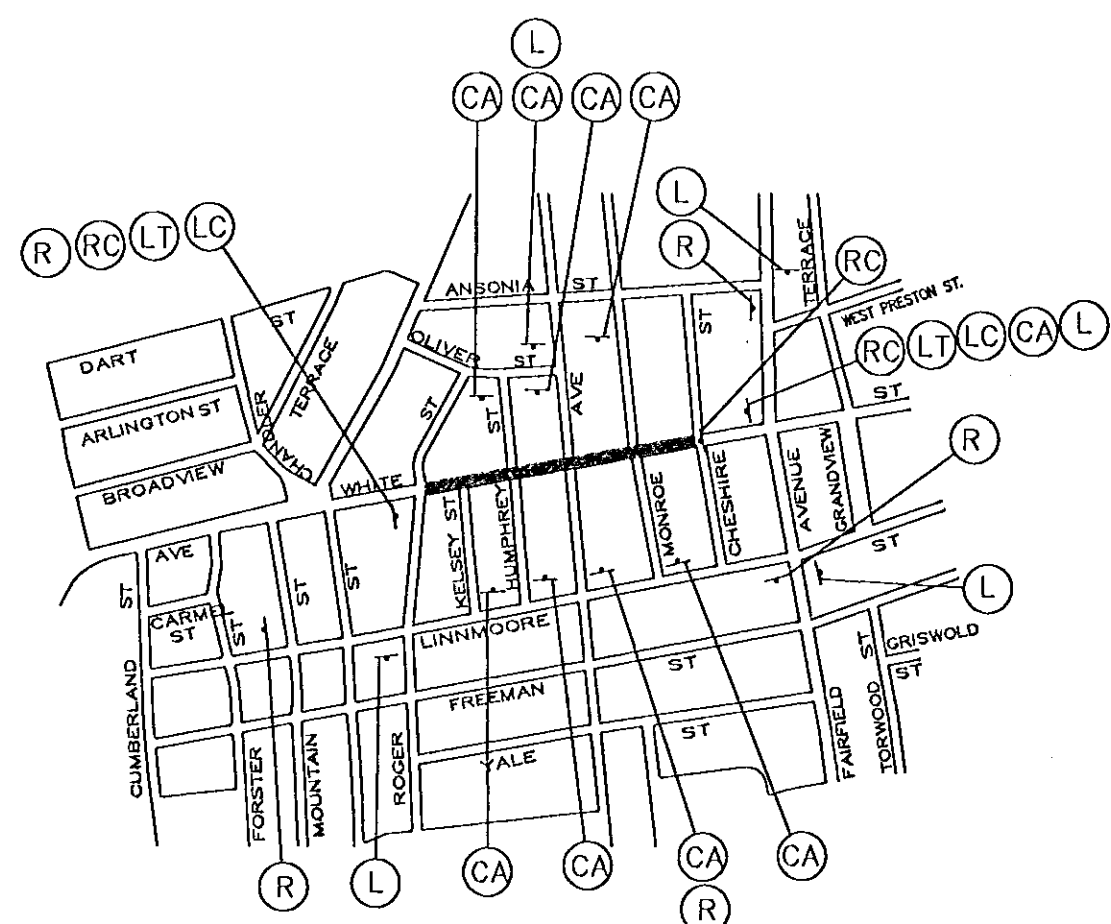


# TRAFFIC PHASING AND SIGN INSTALLATION PLAN



## LEGEND

- (RC) = STREET LEGALLY CLOSED
- (L) = DETOUR LEFT
- (R) = DETOUR RIGHT
- (CA) = ROAD CLOSED AHEAD
- (LT) = LOCAL TRAFFIC ONLY
- (C) = ROAD CLOSED
- (L2) = LEFT LANE CLOSED AHEAD
- (R2) = RIGHT LANE CLOSED AHEAD
- (M) = MERGE
- (M2) = MERGE RIGHT
- (M1) = MERGE LEFT
- (RW) = ROAD WORK AHEAD
- (L1) = SIGN DESIGNATION PHASE(S) REQUIRED FOR

SEE CONSTRUCTION PHASING PLANS FOR SIGN PATTERNS ON ASYLUM AVE.

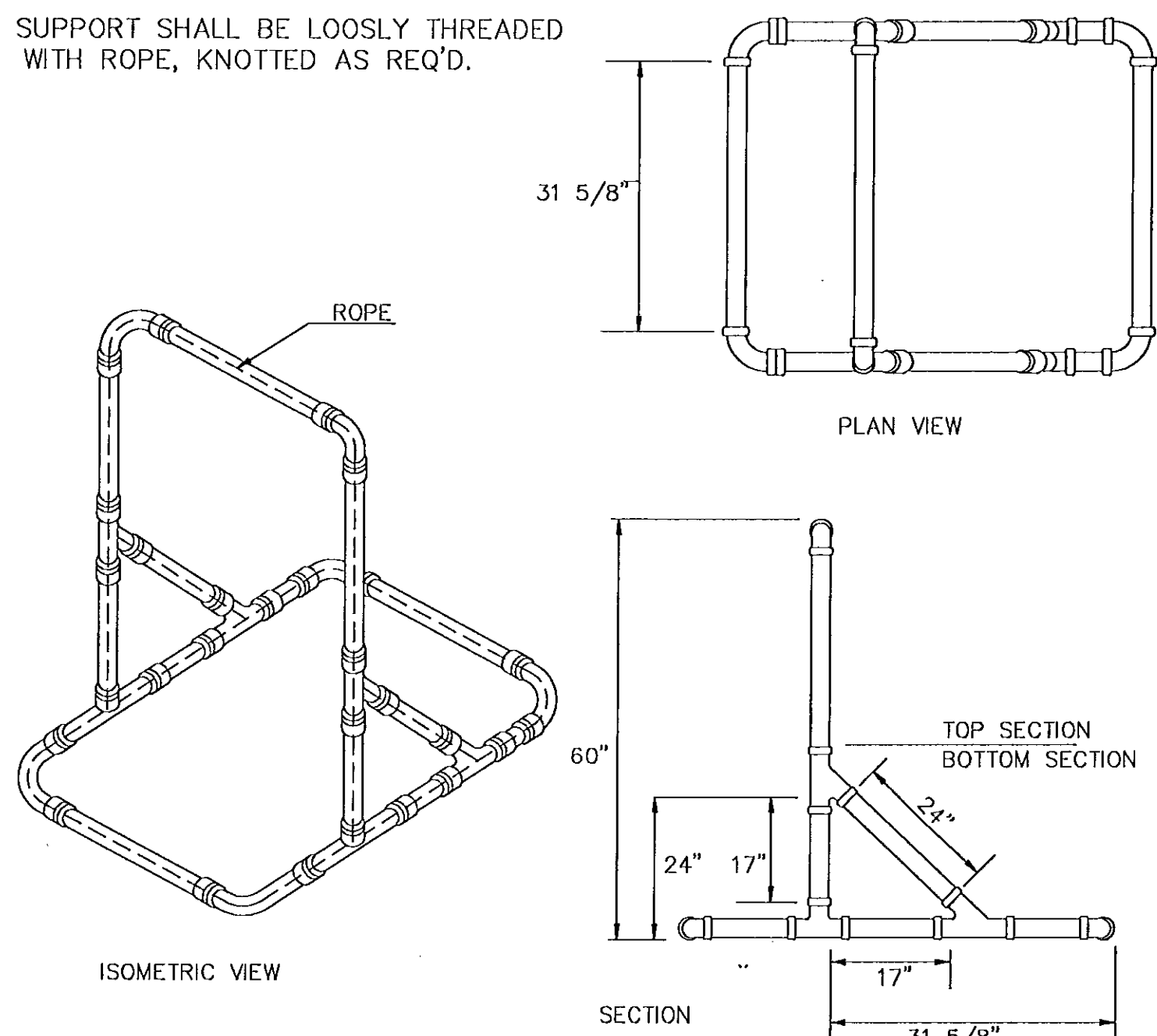
## CONSTRUCTION SEQUENCE (STEPS)

1. INSTALL TRAFFIC CONTROL DEVICES.
2. INSTALL CURB UNDERDRAIN/DRAINAGE STRUCTURES.
3. INSTALL GRANITE CURBING.
4. CONSTRUCT CONC. WALKS, DRIVES, ETC.
5. EXCAVATE/MILL ROADWAY.
6. REPAIR CONCRETE BASE IF APPLICABLE.
7. INSTALL TACK COAT.
8. PAVE ROADWAY.
9. INSTALL PAVEMENT MARKINGS.
10. LOAM, SEED TREE BELT/GENERAL CLEAN-UP.

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE CONSTRUCTION PHASING PLANS.
2. CONSTRUCTION SIGNS WILL BE PAID FOR ONCE ON A SQUARE FOOT BASIS REGARDLESS OF THEIR RELOCATION OR ADJUSTMENT TO A NEW LOCATION, OR PHASE.
3. IN GENERAL, OR UNLESS SPECIFICALLY STATED OTHERWISE, WORK INVOLVING STEPS #2 THRU #4 SHALL BE COMPLETED ON ONE SIDE OF THE STREET AT A TIME ON A BLOCK BY BLOCK BASIS. WORK INVOLVING STEPS #2 THRU #4 WILL NOT BE ALLOWED TO OCCUR SIMULTANEOUSLY ON BOTH SIDES OF THE STREET WITHIN THE SAME BLOCK AS DETERMINED BY THE ENGINEER. THE CITY RESERVES THE RIGHT TO ADJUST OR LIMIT WORK AREAS IN THE INTEREST OF PUBLIC SAFETY.

## NOTES:

1. DIMENSIONS ARE APPROXIMATE.
2. BOTTOM SECTION SHALL BE FILLED WITH SAND OR BALLAST.
3. SUPPORT SHALL BE LOOSLY THREADED WITH ROPE, KNOTTED AS REQ'D.



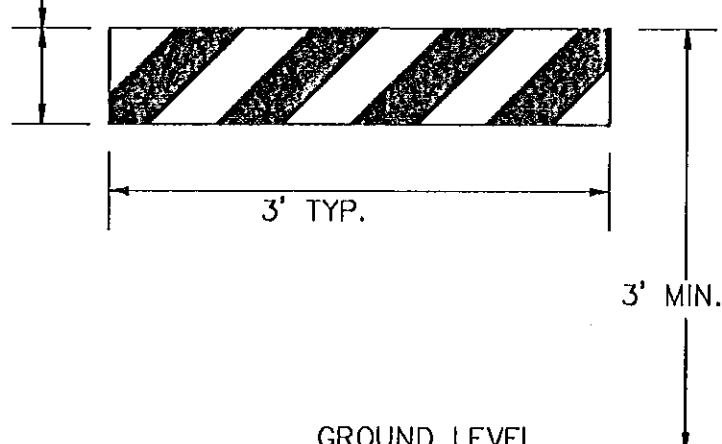
TYPICAL 3" OR 4" BARRICADE SUPPORT

## CONSTRUCTION BARRICADES NOT TO SCALE

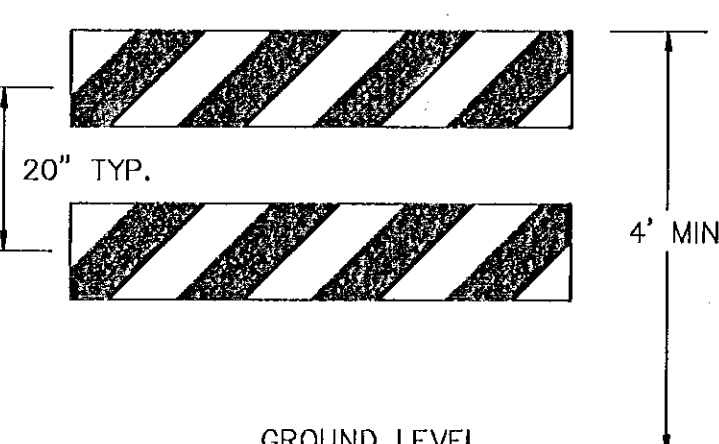
## NOTES:

1. ALUMINUM BARRICADE FACE PANELS SHALL BE MOUNTED ON 3" OR 4" P.V.C. BARRICADE SUPPORT.
2. MARKINGS FOR BARRICADE FACE PANELS SHALL ALTERNATE ORANGE AND WHITE STRIPES SLOPING DOWNWARD IN THE DIRECTION TRAFFIC IS TO PASS. 6" WIDE STRIPES AT 45° ANGLE SHALL BE USED.
3. THE ENTIRE AREA OF ORANGE AND WHITE STRIPES SHALL BE REFLECTIVE SHEETING--ENCAPSULATED LENS. BARRICADE FACE PANELS AS NOTED SHALL BE REFLECTIVE ON BOTH SIDES. WHERE TRAFFIC PASSES ONLY IN ONE DIRECTION OF TRAVEL, ONLY THE SIDE FACING TRAFFIC SHALL BE REFLECTORIZED.
4. ALUMINUM BARRICADE FACE PANELS SHALL HAVE ROUNDED CORNERS.
5. THE ENGINEER RESERVES THE RIGHT TO REJECT ANY BARRICADE FACE PANEL WHICH HE DEEMS HAZARDOUS, AND NOT IN THE BEST INTEREST OF THE MOTORING PUBLIC, OR NOT SUITABLE FOR THE PURPOSE INTENDED.

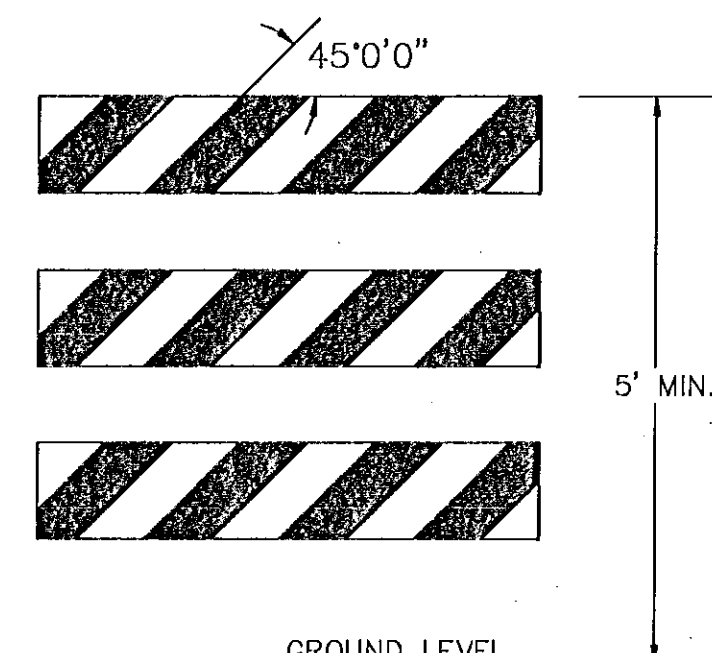
8" TO 12" TYP.



TYPE I



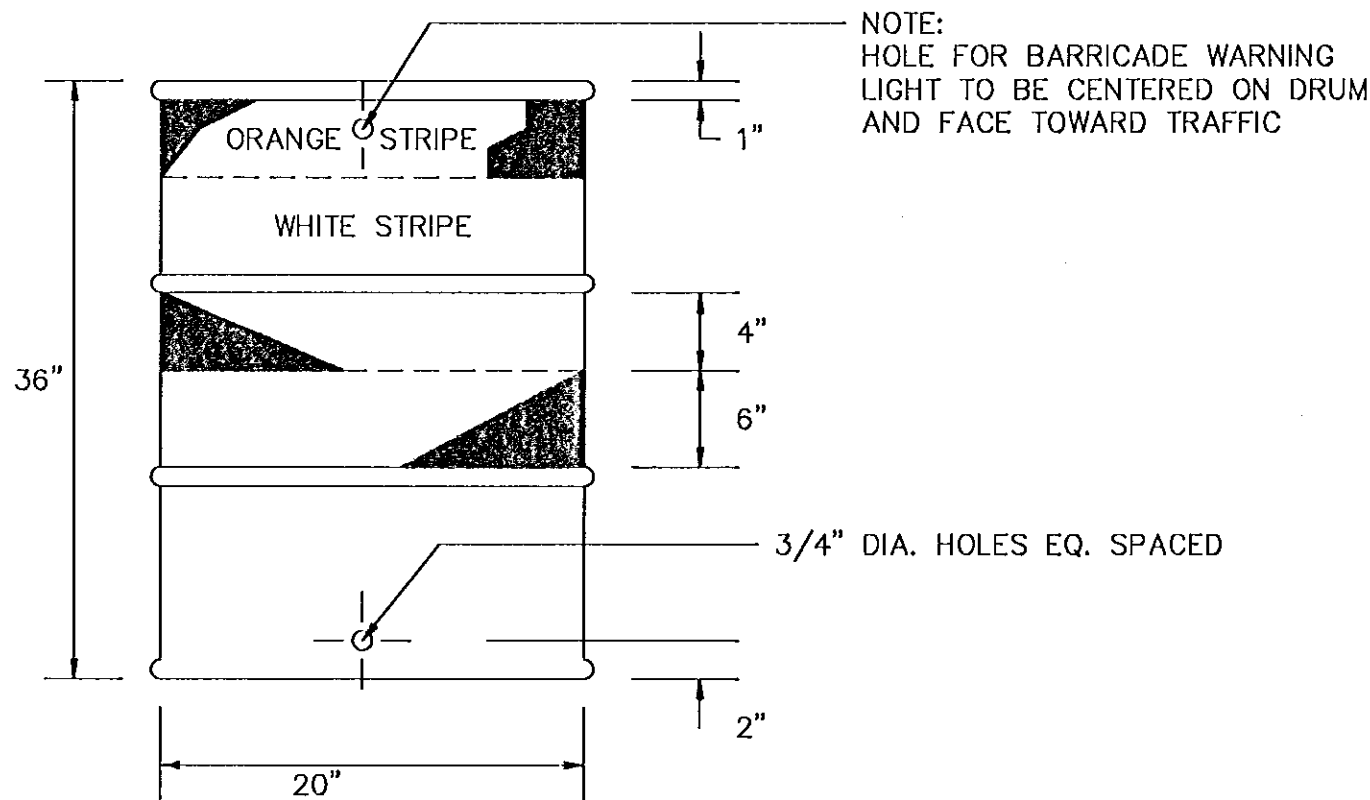
TYPE II



TYPE III

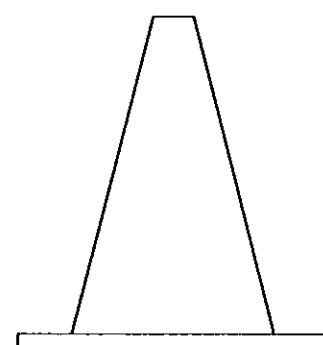
## ALUMINUM BARRICADE FACE PANELS

## TRAFFIC DRUM NOT TO SCALE



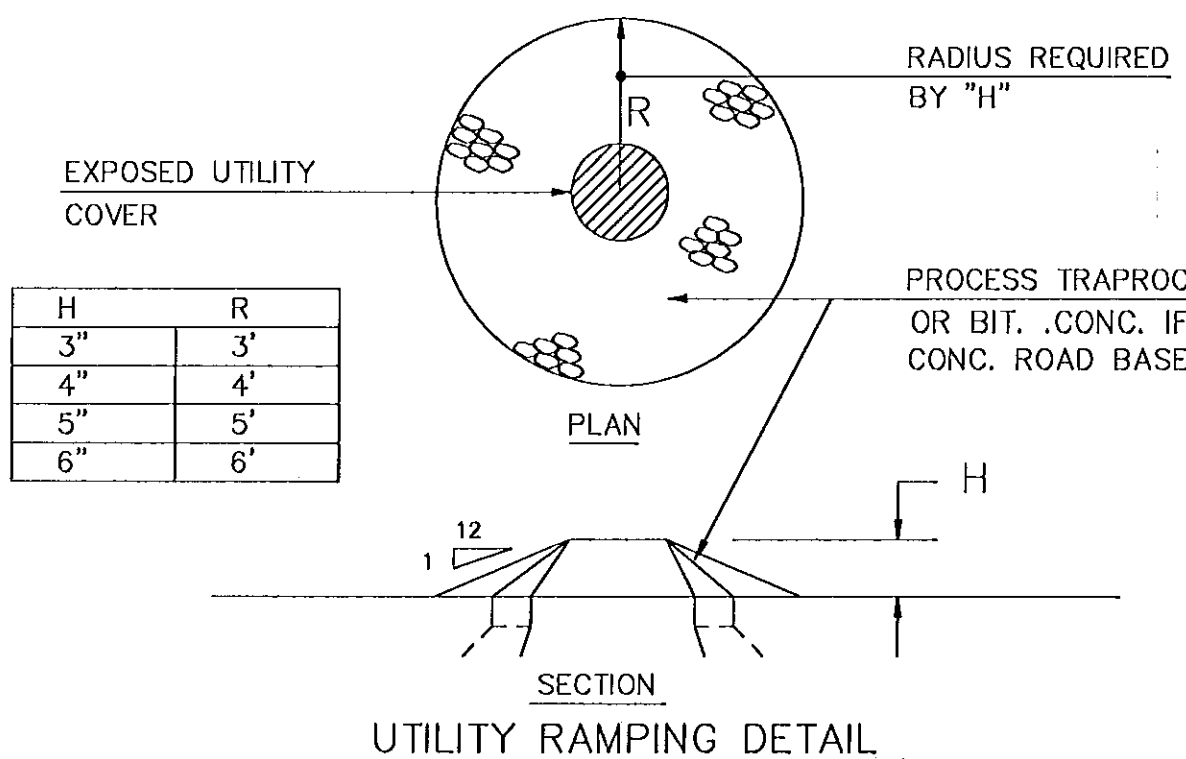
1. TRAFFIC DRUMS SHALL BE CONSTRUCTED OF PLASTIC.
2. TRAFFIC DRUMS SHALL BE DESIGNED IN ACCORDANCE WITH THE SPECIFICATIONS.
3. THE ENGINEER RESERVES THE RIGHT TO REJECT ANY DRUM HE DEEMS NOT SUITABLE FOR THE PURPOSE INTENDED.
4. THE WHITE STRIPES SHALL BE REFLECTIVE SHEETING--ENCAPSULATED LENS.
5. REFLECTORIZED STRIPES SHOULD NOT BE PLACED OVER THE PROTRUDING CIRCUMFERENTIAL RIBS OF THE DRUM.
6. THOSE SECTIONS OF DRUM NOT COVERED WITH REFLECTORIZED STRIPES SHALL BE ORANGE IN COLOR.

## TRAFFIC CONE NOT TO SCALE



## NOTES:

1. TRAFFIC CONES SHALL BE DESIGNED IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CHAPTER VI, SECTION 6C-3 CONE DESIGN".
2. CONES SHALL BE A MINIMUM OF 18" IN HEIGHT OR AS SPECIFIED. COLOR SHALL BE PREDOMINATELY FEDERAL ORANGE.
3. PLASTIC CONES ARE TO BE COLOR IMPREGNATED.
4. RUBBER CONES ARE TO BE REFLECTORIZED WITH INTERIOR RIBS FOR RIGIDITY.
5. CONE WALL THICKNESS MUST WITHSTAND IMPACT, WITHOUT DAMAGE TO EITHER CONE OR VEHICLE UPON IMPACT.
6. THE ENGINEER RESERVES THE RIGHT TO REJECT ANY CONE HE DEEMS NOT SUITABLE FOR THE PURPOSE INTENDED.



UTILITY RAMPING DETAIL

## TRAFFIC PHASING

(REFER TO TRAFFIC PHASING PLAN)



## NOTES:

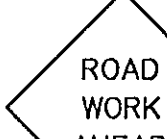
1. WARNING AND CONSTRUCTION SIGNS SHALL FOLLOW THE SPECIFICATIONS OF CT. D.O.T. CATALOG OF SIGNS. A COPY OF WHICH IS AVAILABLE FOR REVIEW AT THE OFFICE OF THE CITY OF HARTFORD DIRECTOR OF TRANSPORTATION.
2. ONE PRIVATE DUTY POLICE OFFICER FROM THE CITY OF HARTFORD SHALL BE ON DUTY DURING STEPS 5 AND 8 AS REQUIRED BY THE ENGINEER. POLICE OFFICERS ARE TO BE INVOICED DIRECTLY TO THE CONTRACTOR AND BILLED TO THE CITY WITH NO MARK-UP BY THE CONTRACTOR. DURING ALL PHASES, THE WORK SITE SHALL BE KEPT SAFE AND PASSABLE BY RAMPING AROUND MANHOLES OR UTILITY STRUCTURES, THE PLACEMENT OF BARRICADES, WARNING LIGHTS, DRUMS, AND SIGNS SHALL BE AS SHOWN ON THE PLANS OR OR AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL OBTAIN TEMPORARY "NO PARKING/TOW ZONE" SIGNS FROM THE CITY OF HARTFORD SIGN SHOP AND RETURN THEM AT THE CONCLUSION OF THE WORK. THE CONTRACTOR WILL BE RESPONSIBLE FOR LOST OR DAMAGED SIGNS AT THE RATE OF \$10.00 PER SIGN. CONTACT HARTFORD SIGN SHOP AT TEL. NO. 543-5974.
4. SIGN AND LETTERING SPECIFICATIONS ARE AVAILABLE UPON REQUEST FROM THE CITY OF HARTFORD. ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, PART VI "TRAFFIC CONTROLS FOR STREET AND HIGHWAY CONSTRUCTION AND MAINTENANCE OPERATIONS".

W20-5							
(L1)	SIZE (IN.)	CT. DOT#	SUPPORTS *	(R1)	SIZE (IN.)	CT. DOT#	SUPPORTS *
(L1)	36	80-9841	2	(R1)	36	80-9842	2
(L2)	48	80-9847	2	(R2)	48	80-9848	2

STREET LEGALLY CLOSED					
IN ACCORDANCE WITH SPECIAL ACT APPROVED MAY 26, 1939 AS AMENDED, PASS AT YOUR RISK			AHEAD		
(RC)	SIZE (IN.)	SUPPORTS *	(RC)	SIZE (IN.)	SUPPORTS *
(RC)	18 X 30	2	(RC)	18 X 30	2

(L)			(R)		
SIZE (IN.)			SUPPORTS *		
(L)	48 X 18	2	(R)	48 X 18	2
(R)	48 X 18	2	(L)	48 X 18	2

			
(MR)		(ML)	
	SIZE (IN.)	CT. DOT #	SUPPORTS *
MR	48	80-2028	2
ML	48	80-2027	2



(RW)			
	SIZE (IN.)	CT. DOT #	SUPPORTS
(C)	30	80-9602	1
(D)	36	80-9603	1
(E)	48	80-9604	2

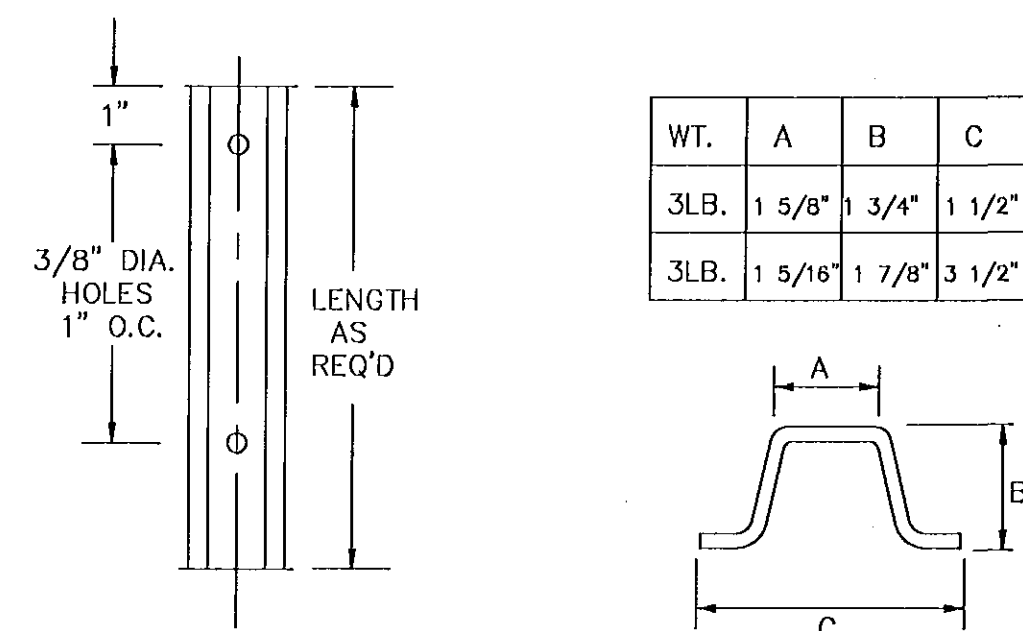
(M)

	SIZE (IN.)	CT. DOT #	SUPPORTS *
(D)	36X18	80-1410	1
(E)	48X24	80-1409	2

(LT)					
SIZE (IN.)			SUPPORTS *		
(LT)	30 X 36	2	(LT)	30 X 36	2

(CA)			(C)		
SIZE (IN.)			SUPPORTS *		
(CA)	36 X 36	1	(C)	36 X 36	1
(C)	36 X 36	1	(CA)	36 X 36	1

## TYPICAL SIGN - POST DETAILS NOT TO SCALE



## \* NOTES:

STEEL FOR POST SHALL CONFORM TO MECHANICAL REQUIREMENTS OF ASTM A499-81 GRADE 60 AND TO CHEMICAL REQUIREMENTS OF ASTM A1-76 CARBON STEEL TEE RAIL HAVING NORMAL WEIGHT OF 91 LB. OR GREATER PER LINEAL YARD.

CITY OF HARTFORD, CONNECTICUT  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION

CITY OF HARTFORD  
STANDARD TRAFFIC PHASING/SIGNAGE DETAILS

SUBMITTED		RECOMMENDED		APPROVED	
PROJECT ENGINEER		DIVISION ENGINEER		CITY ENGINEER	
DRAWN	J.L.B.	SCALE	AS NOTED	DAYBOOK NO.	0113271
CHECKED		DATE	DEC, 1992	FILE NAME	ASYLUM.DWG

SHEET 41