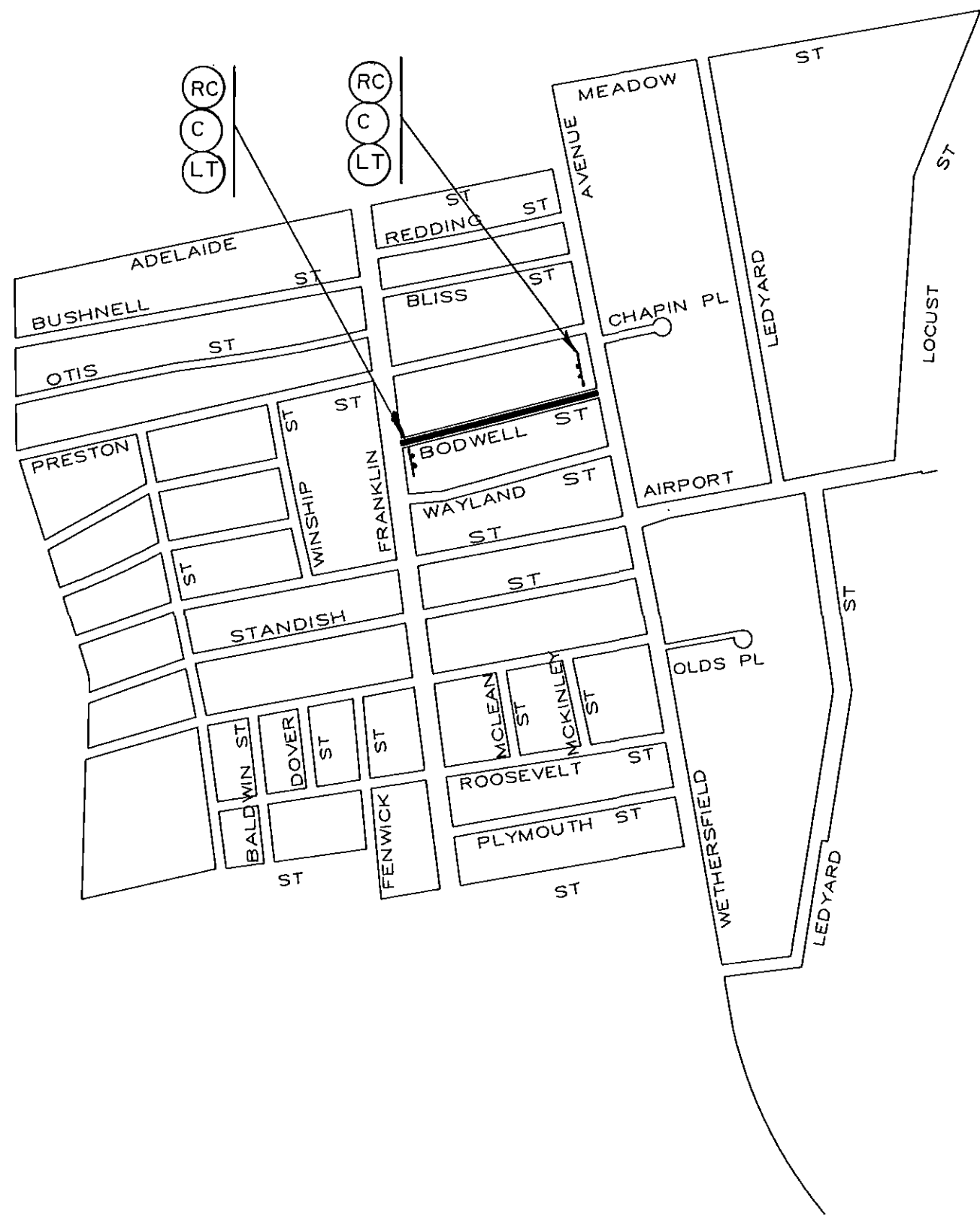


TRAFFIC PHASING AND SIGN INSTALLATION PLAN



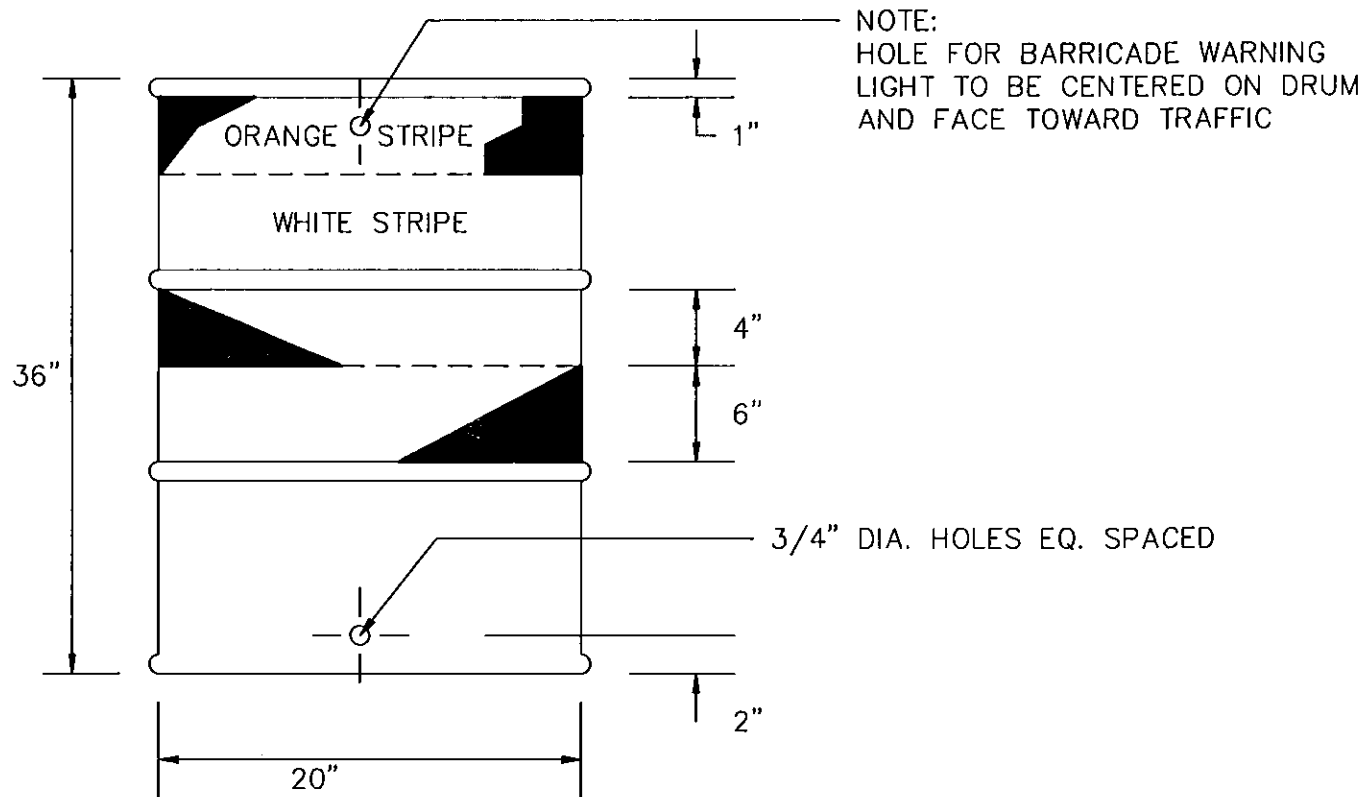
LEGEND

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

CONSTRUCTION STEPS

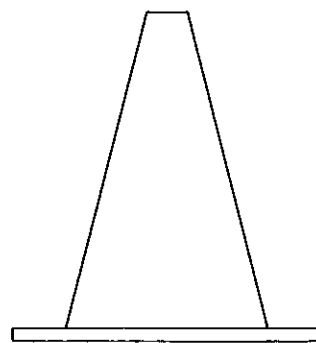
1. INSTALL TRAFFIC CONTROL DEVICES.
2. INSTALL UNDERDRAIN / DRAINAGE STRUCTURES.
3. CONSTRUCT GRANITE CURBING.
4. CONSTRUCT CONCRETE WALKS, DRIVES, ETC.
5. EXCAVATE / MILL ROAD TO REQUIRED GRADE.
6. INSTALL GEOTEXTILE FABRIC IF APPLICABLE.
7. INSTALL TRAPROCK BASE.
8. COMPACT / ROLL BASE TO REQUIRED GRADE.
9. PAVE ROADWAY.
10. INSTALL PAVEMENT MARKINGS.
11. LOAM, SEED TREE BELT, GENERAL CLEAN-UP.

TRAFFIC DRUM  
NOT TO SCALE



1. TRAFFIC DRUMS MAY BE CONSTRUCTED OF STEEL OR 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

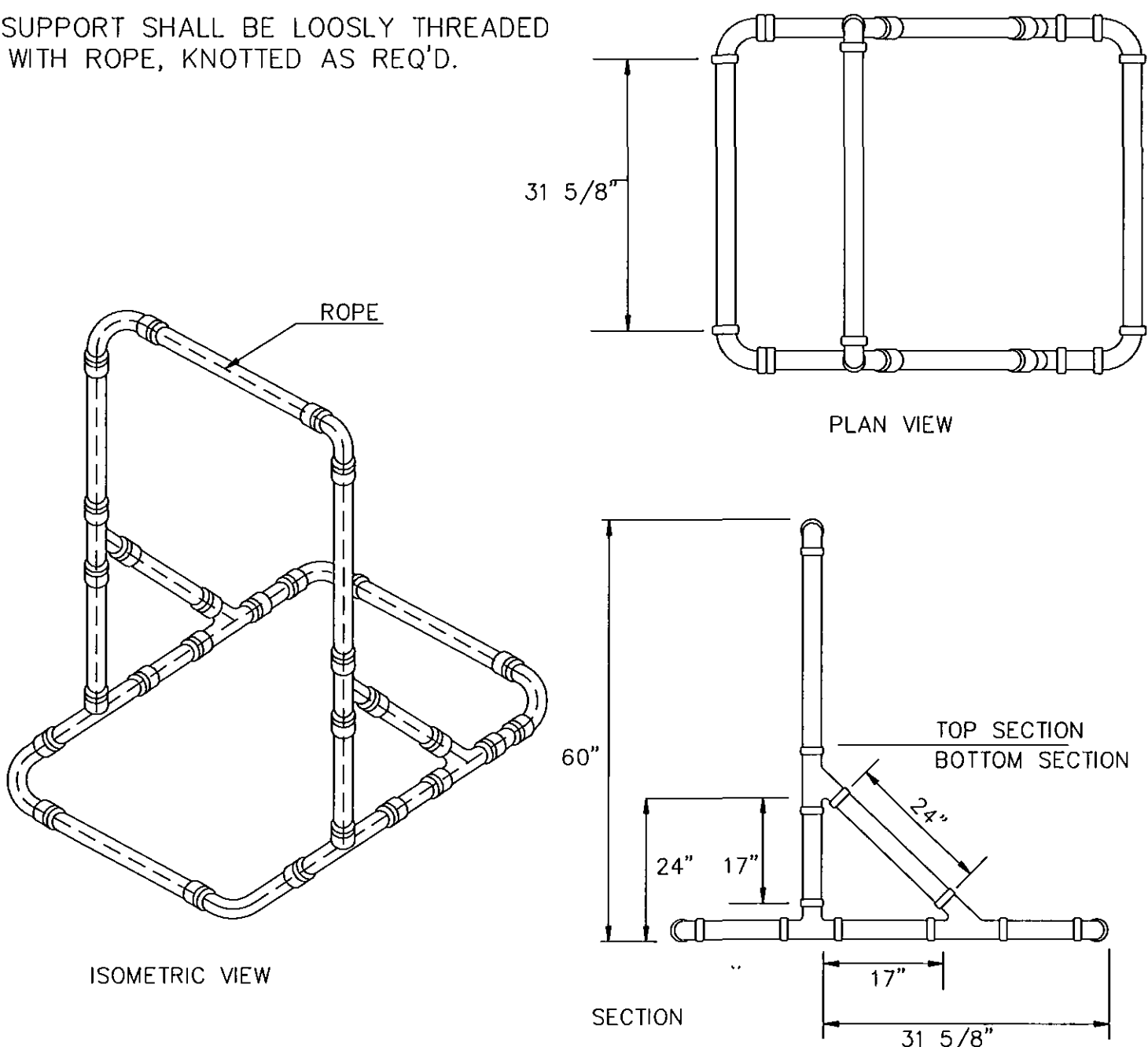


NOTES:

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.

NOTES:

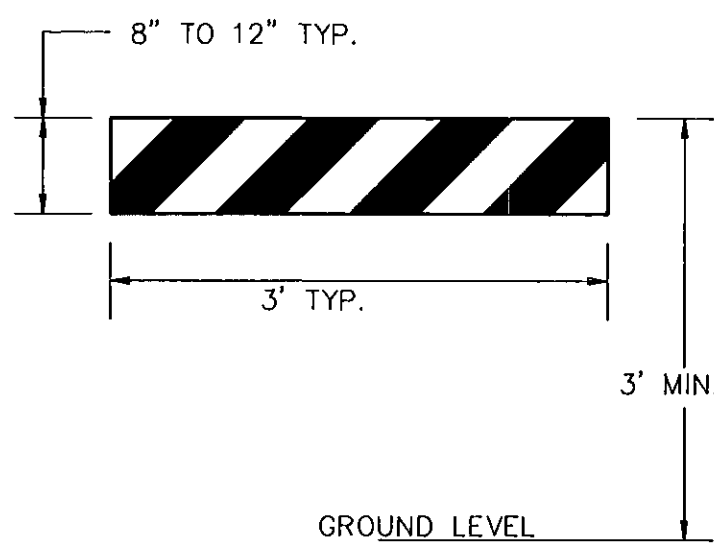
1. DIMENSIONS ARE APPROXIMATE.
2. BOTTOM SECTION MAY BE FILLED WITH SAND OR BALLAST.
3. SUPPORT SHALL BE LOOSLY THREADED WITH ROPE, KNOTTED AS REQ'D.



TYPICAL 3" OR 4" BARRICADE SUPPORT

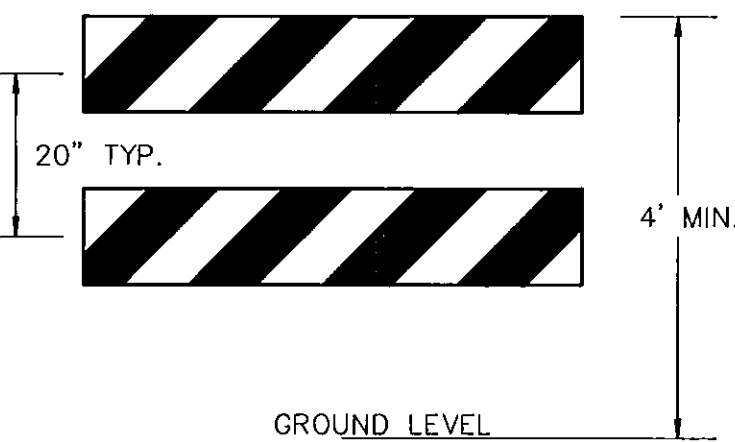
NOTES:

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.



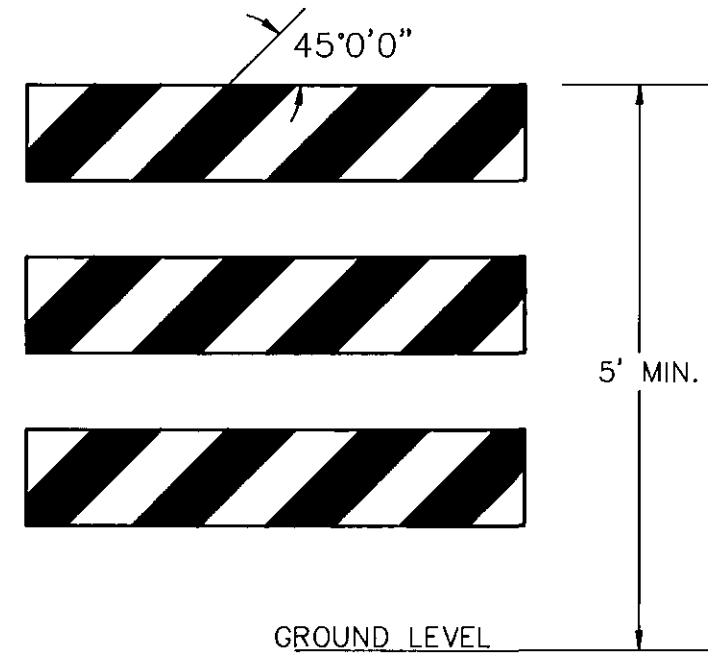
TYPE I

CONSTRUCTION BARRICADES  
NOT TO SCALE

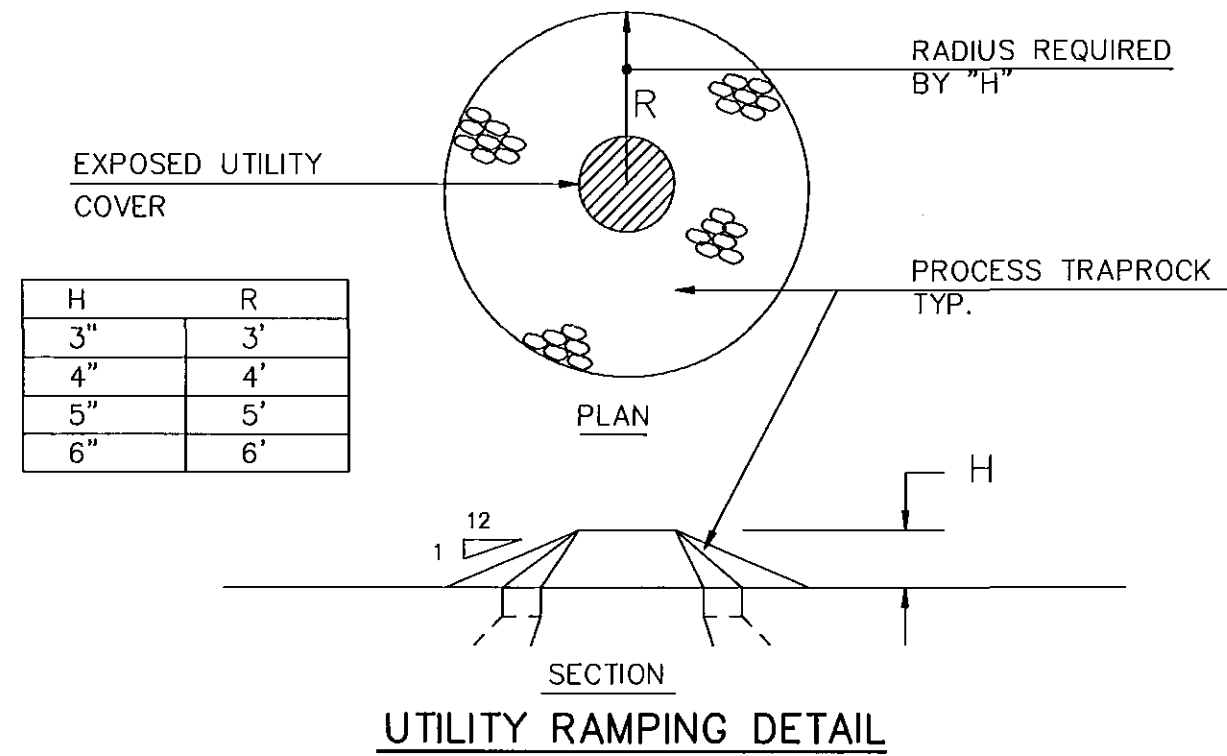


TYPE II

ALUMINUM BARRICADE FACE PANELS



TYPE III



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 1 OR 9 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 THE PLACEMENT OF TRAFFIC DRUMS AND FLASHING LIGHTS AT ALL UTILITIES 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.
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)		(L2)		(R1)		(R2)	
	SIZE (IN.)	CT. DOT#	SUPPORTS *		SIZE (IN.)	CT. DOT#	SUPPORTS *
(L1)	36	80-9841	2	(R1)	36	809-9842	2
(L2)	36	80-9847	2	(R2)	36	80-9848	2

STREET LEGALLY CLOSED					
IN ACCORDANCE WITH SPECIAL ACT APPROVED MAY 28, 1939 AS AMENDED. PASS AT YOUR RISK. DIRECTOR OF PUBLIC WORKS					
(RC)		SIZE (IN.)	(RC)		SUPPORTS *
		30 X 36			2

(L)		(R)	
	SIZE (IN.)	CT. DOT #	SUPPORTS *
L	48 X 18		2
R	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 #
(C)	30	80-9602
(D)	36	80-9603
(E)	48	80-9604

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

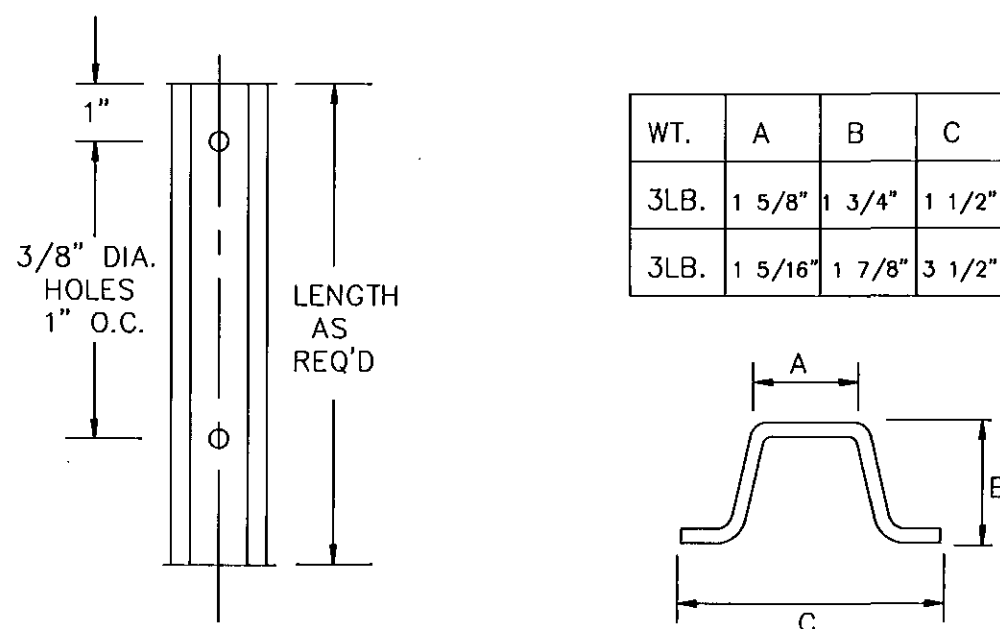
(LT)		
	SIZE (IN.)	SUPPORTS *
	30 X 36	2

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

\* NOTES:

STEEL FOR POST SHALL CONFORM TO MECHANICAL REQUIREMENTS OF ASTM A499-B1 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.

TYPICAL SIGN - POST DETAILS  
NOT TO SCALE



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. 0110470
CHECKED		DATE DEC, 1992
		FILE NAME TPD.DWG