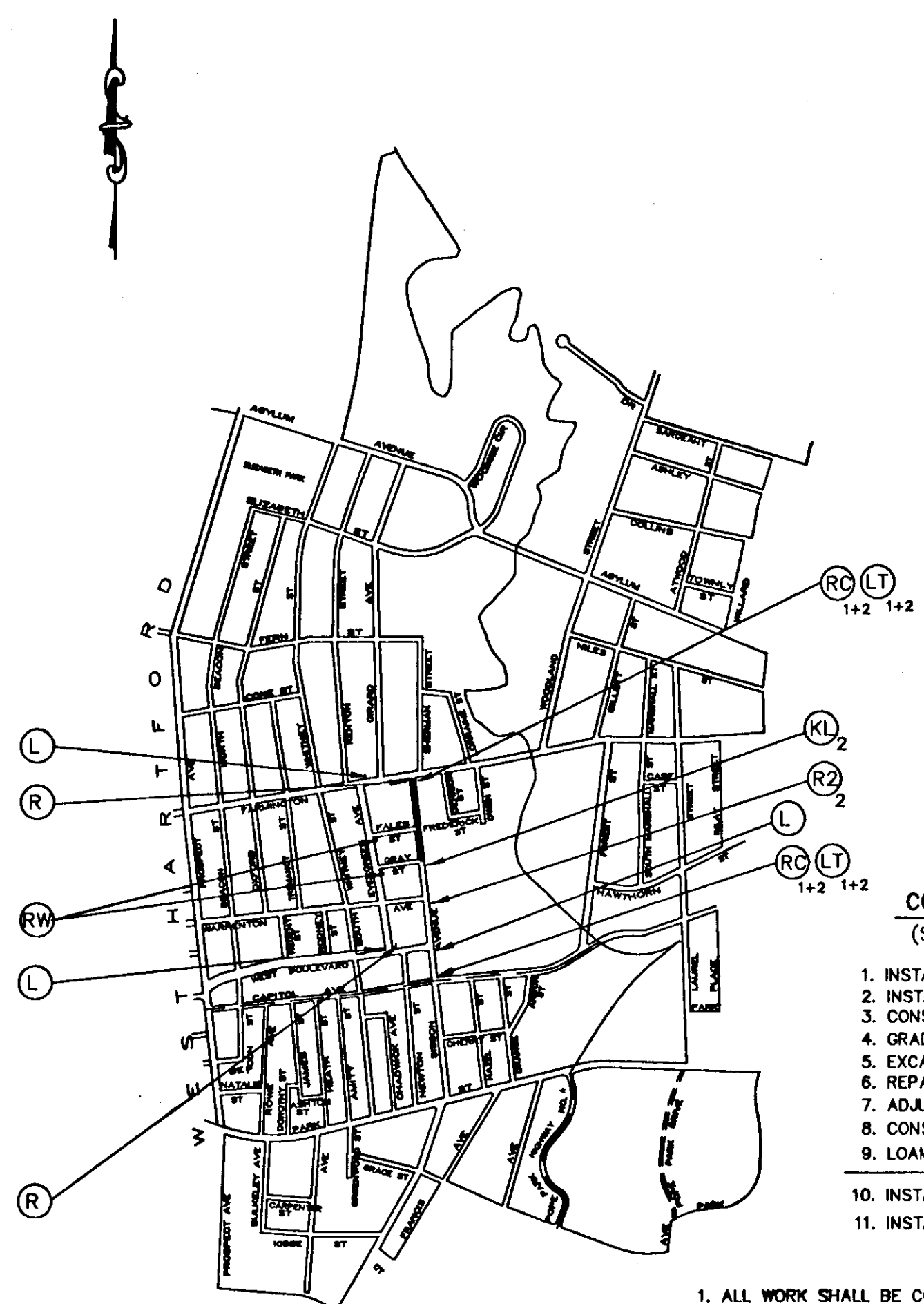


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TRAFFIC PHASING AND SIGN INSTALLATION PLAN



LEGEND

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

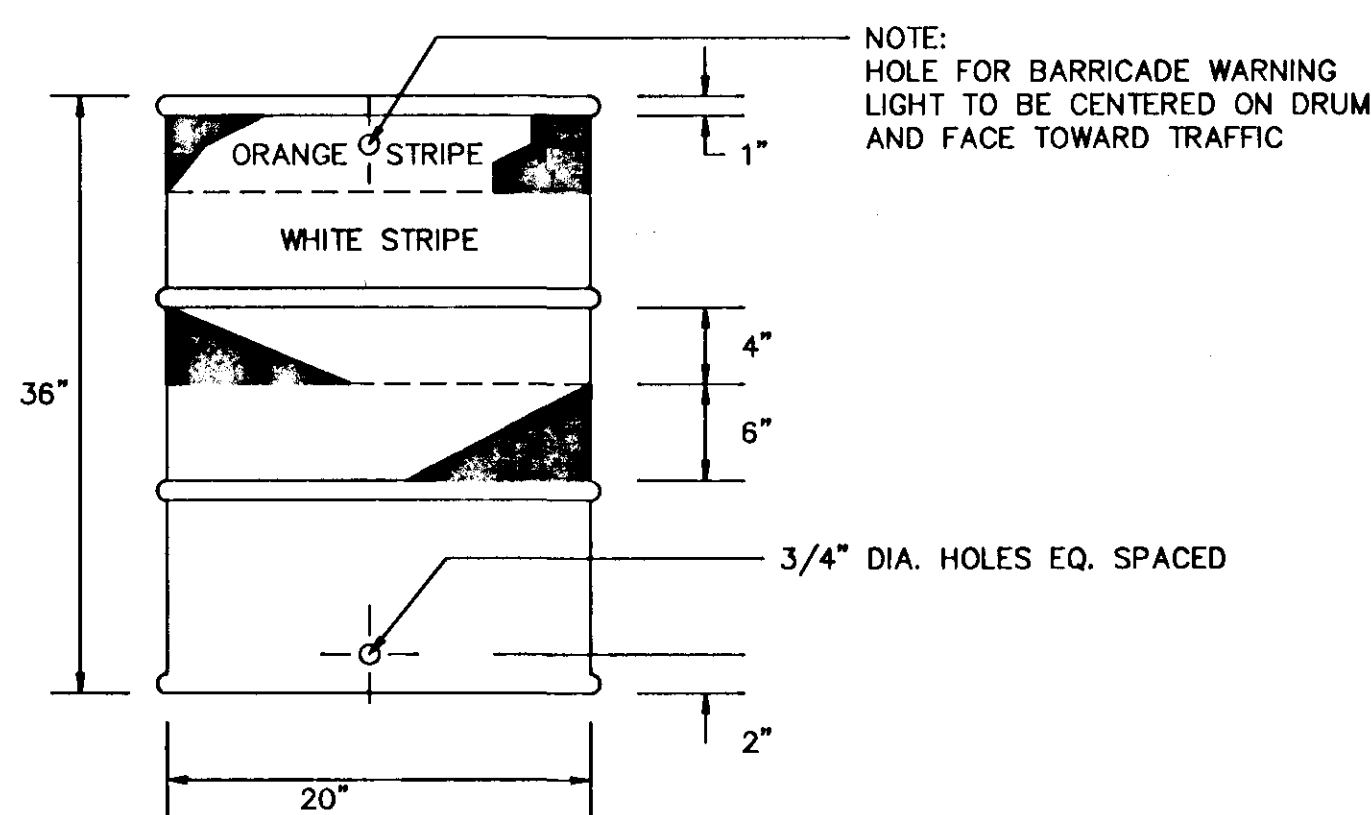
SEE CONSTRUCTION PHASING PLANS FOR ADDITIONAL INFO. ON CONST. PHASING

CONSTRUCTION SEQUENCE (STEPS PER CONST. PHASE)

1. INSTALL TRAFFIC CONTROL DEVICES.
2. INSTALL CURB UNDERDRAIN/DRAINAGE STRUCTURES.
3. CONSTRUCT NEW CONC. ROADBASE INSTALL GRAN. CURB.
4. GRADE SLOPES/CONSTRUCT CONC. WALKS, DRIVES, ETC.
5. EXCAVATE/MILL/STRIP EXIST. ROAD
6. REPAIR CONCRETE BASE IF APPLICABLE.
7. ADJUST UTILITIES/APPLY TACK COAT.
8. CONSTRUCT BIT. "SHIM" AND BASE COURSES.
9. LOAM, SEED TREE BELT/GENERAL CLEAN-UP.
10. INSTALL BIT. CONC. SURFACE COURSE (ENTIRE ROAD)
11. INSTALL PAVEMENT MARKINGS (ENTIRE ROAD).

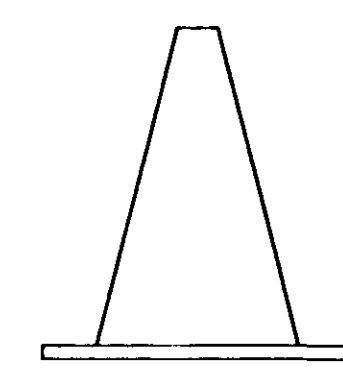
1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE CONSTRUCTION PHASING PLANS.
2. CONSTRUCTION SIGNS WILL BE PAID FOR ONCE ON A SQUARE FOOT BASIS REGARDLESS OF THEIR RELOCATION OR ADJUSTMENT TO A NEW LOCATION, OR PHASE.
3. IN GENERAL, OR UNLESS SPECIFICALLY STATED OTHERWISE, WORK INVOLVING STEPS #2 THRU #9 SHALL BE COMPLETED ON ONE SIDE OF THE STREET AT A TIME ON A BLOCK BY BLOCK BASIS. WORK INVOLVING STEPS #2 THRU #9 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.
4. WORK INVOLVING STEPS #10 & #11 SHALL BE COMPLETED AT NIGHT. SEE BID ITEMS FOR FURTHER INFO. ON THIS WORK.

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.

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 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 MR. BRIAN FOTHERGILL 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)	(L2)	(R1)	(R2)
SIZE (IN.)	36	48	36	48
CT. DOT #	80-9841	80-9847	80-9842	80-9848
SUPPORTS *	2	2	2	2

STREET LEGALLY CLOSED

	(RC)
SIZE (IN.)	18 X 30
SUPPORTS *	2

DETOUR

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

MR, ML

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

ROAD WORK AHEAD

	(RW)
SIZE (IN.)	30
CT. DOT #	80-9602
SUPPORTS *	1

(M)

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

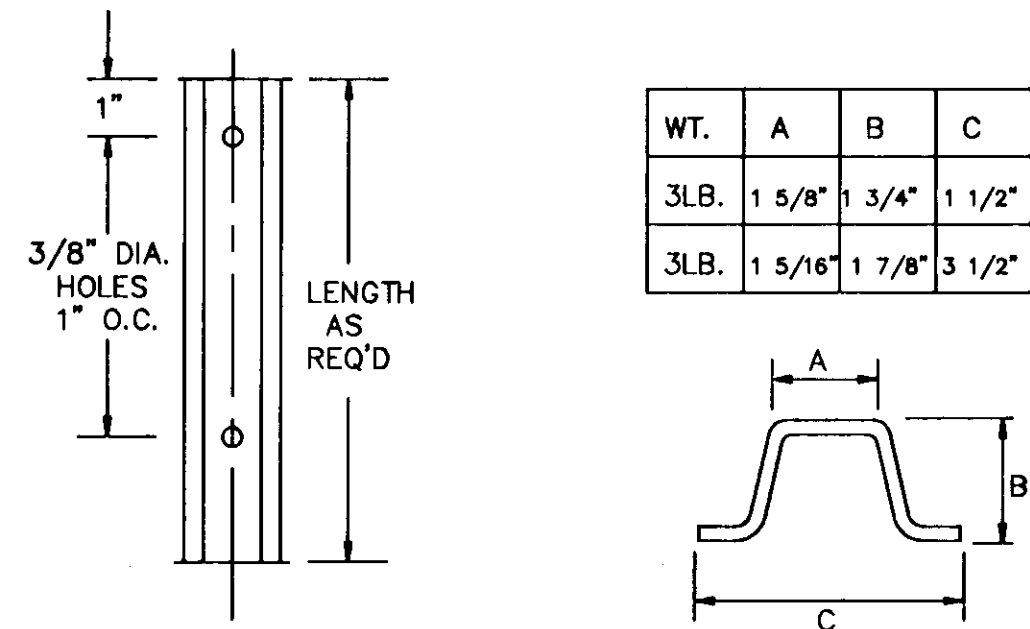
LOCAL TRAFFIC ONLY

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

ROAD CLOSED AHEAD

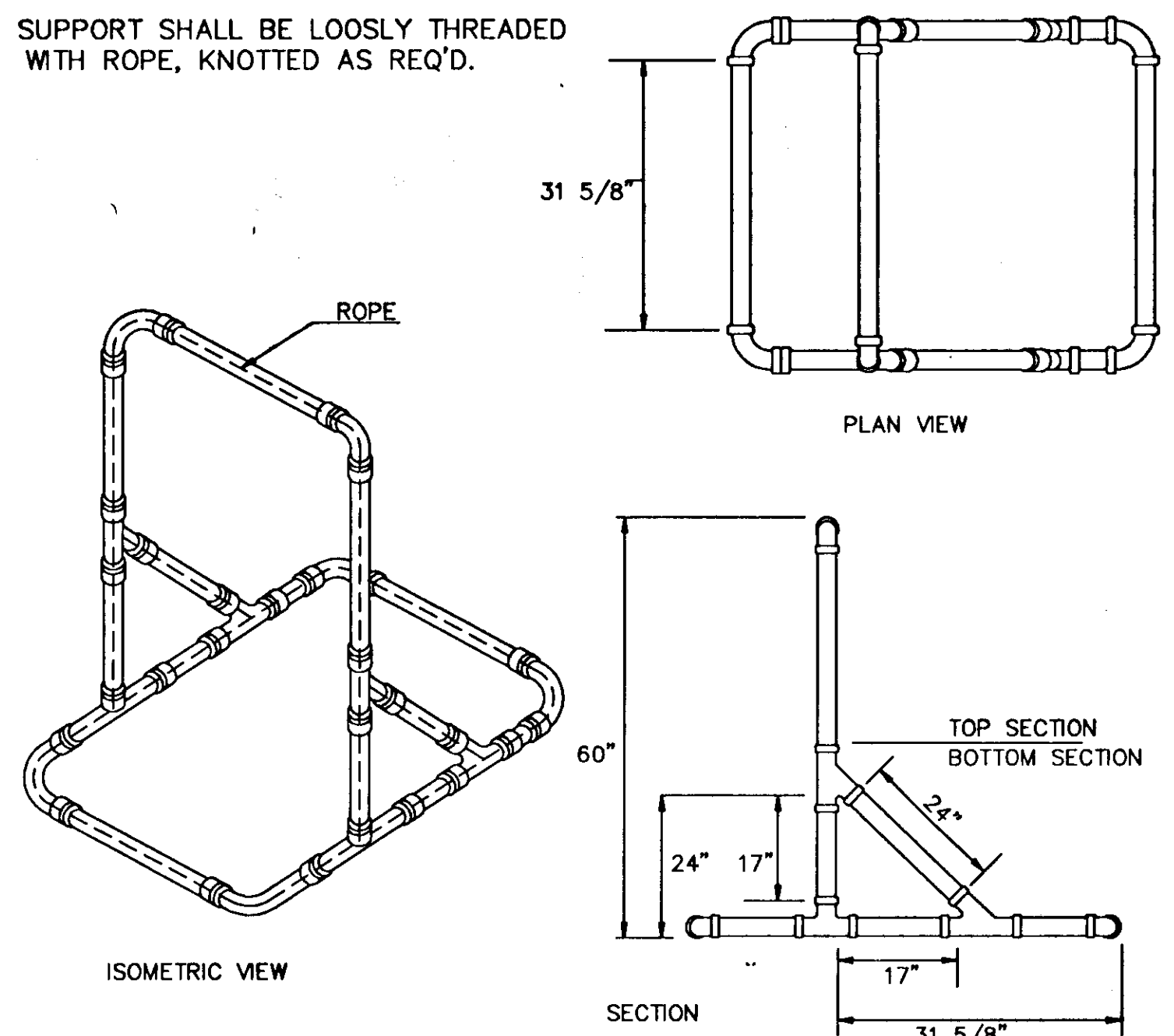
	(CA)	(C)
SIZE (IN.)	36 X 36	36 X 36
SUPPORTS *	1	1

TYPICAL SIGN - POST DETAILS NOT TO SCALE



- * 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.

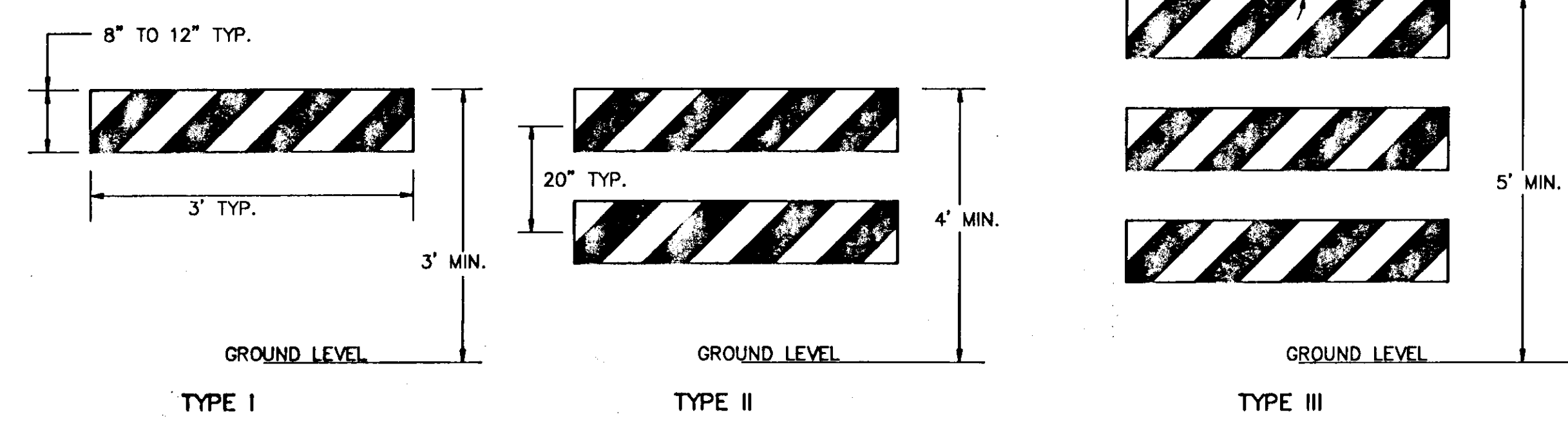
- NOTES:
1. DIMENSIONS ARE APPROXIMATE.
 2. BOTTOM SECTION SHALL BE FILLED WITH SAND OR BALLAST.
 3. SUPPORT SHALL BE LOOSLY THREADED WITH ROPE, KNOTTED AS REQ'D.



TYPICAL 3" OR 4" BARRICADE SUPPORT

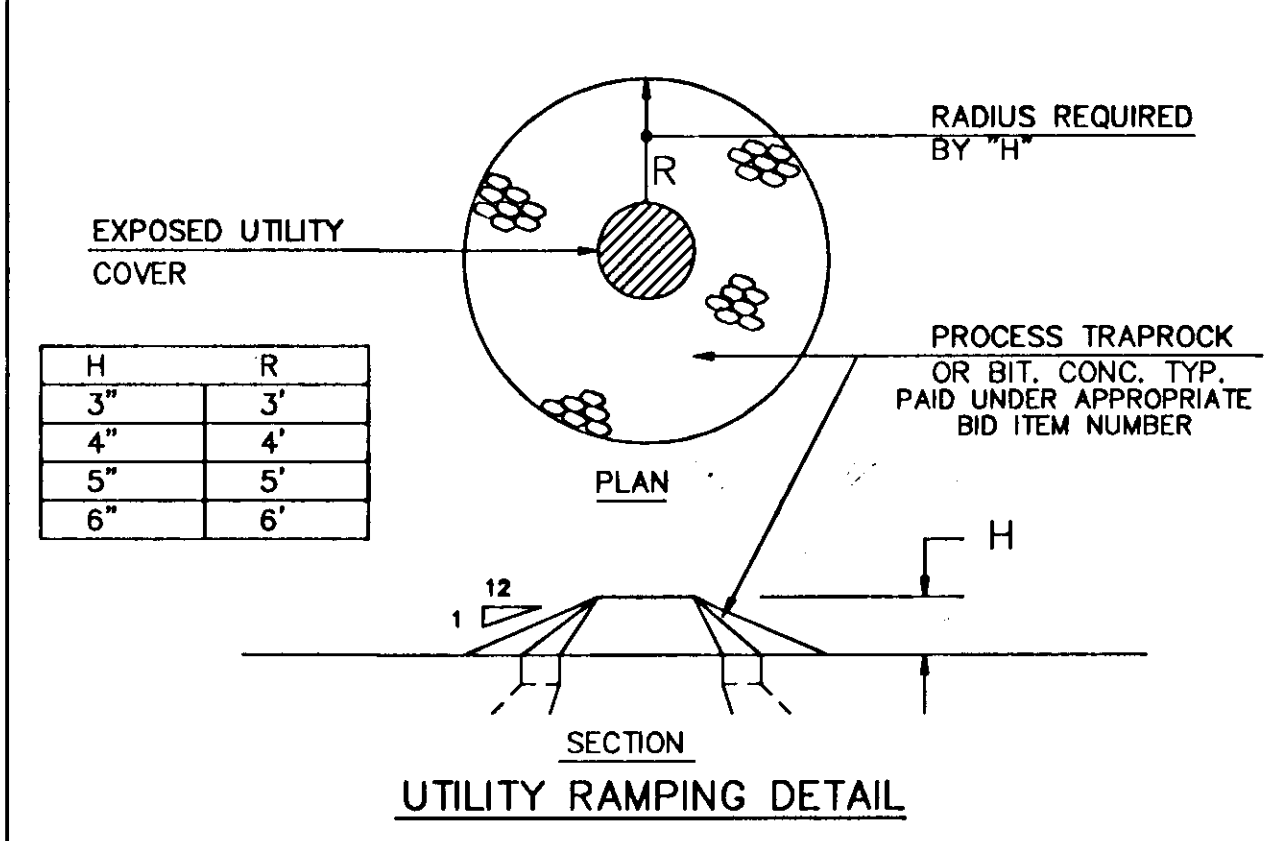
NOTES:

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.



CONSTRUCTION BARRICADES NOT TO SCALE

ALUMINUM BARRICADE FACE PANELS



CITY OF HARTFORD, CONNECTICUT
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

CITY OF HARTFORD
STANDARD TRAFFIC PHASING/SIGNAGE DETAILS
RECONSTRUCTION/WDENING OF SISSON AVE.

SUBMITTED	RECOMMENDED	APPROVED
PROJECT ENGINEER	DIVISION ENGINEER	CITY ENGINEER
DRAWN J.L.B.	SCALE AS NOTED	DAYBOOK NO. 011393
CHECKED		DATE DEC. 1992
		FILE NAME SSSTPD.DWG

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