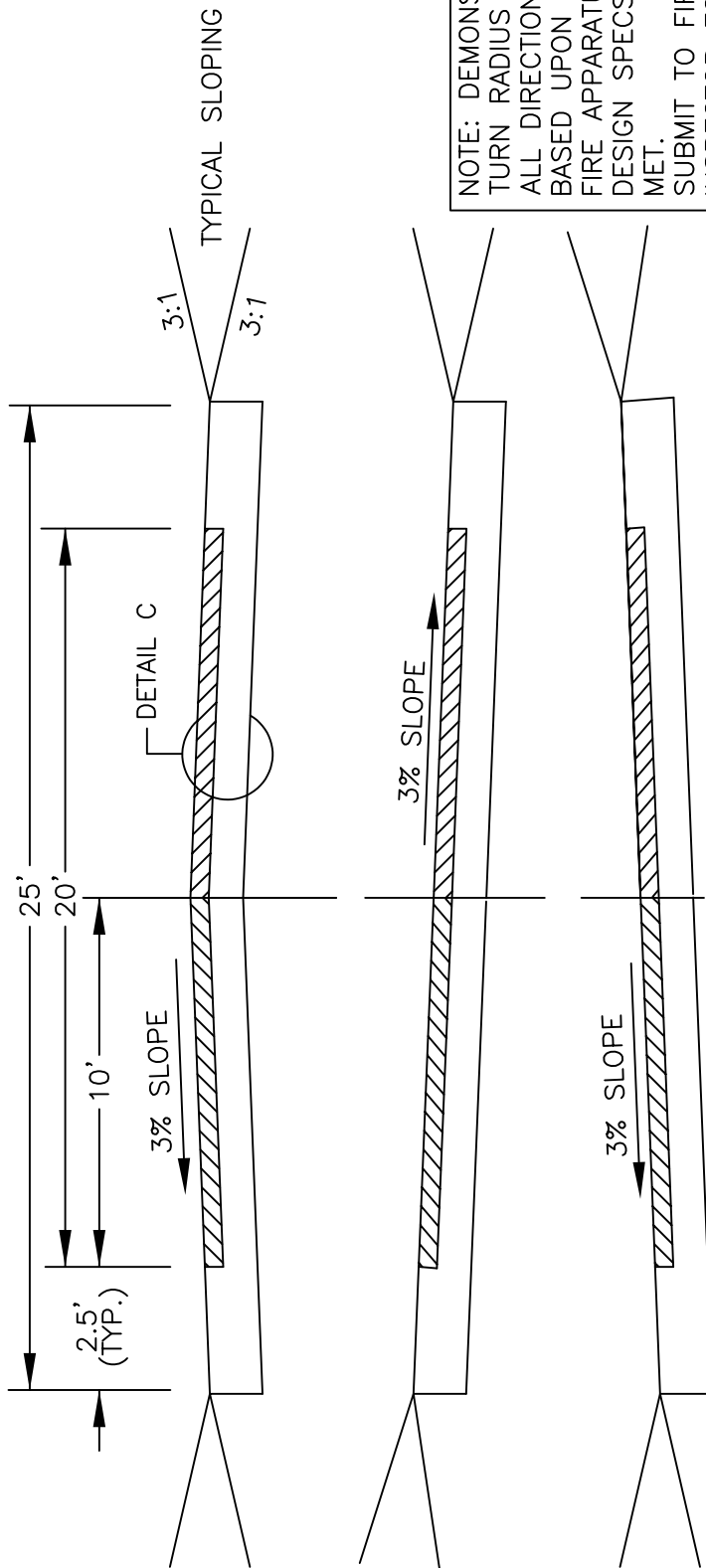




STANDARD DETAILS
FIRE APPARATUS ACCESS ROAD (FIRE LANES)
CITY OF PLYMOUTH

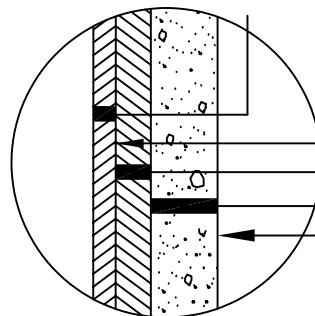
PUBLISHED
3-23
CITY PL. NO.
STRT-17
REVISED 1-20



NOTE: DEMONSTRATE
TURN RADIUS FROM
ALL DIRECTIONS
BASED UPON PFD
FIRE APPARATUS
DESIGN SPECS. IS
MET.
SUBMIT TO FIRE
INSPECTOR FOR
APPROVAL.

NOTE: 7 TON CAPACITY
CONCRETE SIDEWALKS THAT ARE PART OF
FIRE LANE SHALL BE A MINIMUM OF
6" THICK WITH 6" OF CL. 5 AGG. BASE.
MAXIMUM 3% VERTICAL GRADE @
STREET/DRIVE ENTRANCE AND 5% ON SITE.
MINIMUM 13'-6" VERTICAL CLEARANCE
FIRE LANES ACCESSED FROM THE STREET SHALL HAVE AN
ADA RAMP OR DRIVEWAY CUT AS REQUIRED BY FIRE OFFICIAL

DETAIL C



1-1/2" BIT. WEARING COURSE
MN/DOT SPEC. 2360
TYPE SPWEA240C
2357 TACK COAT
2" BITUMINOUS BASE COURSE
MN/DOT SPEC. 2360
TYPE SPNWB330C
8" AGG. BASE CLASS 5
MN/DOT SPEC. 3138 A2
(100% CRUSHED)
APPROVED SUBGRADE

GRANULAR EQUIVALENT (MN/DOT SPECIFIED)

MATERIAL	SPECIFICATIONS	G.E. FACTORS
BITUMINOUS WEAR COURSE	2360	2.25
BITUMINOUS BINDER & BASE	2360	2.25
AGGREGATE BASE	CL.5 (3138)	1.00
AGGREGATE SUBBASE	CL.3, CL.4 (3138)	0.75
SELECT GRANULAR MATERIAL	3149	0.50