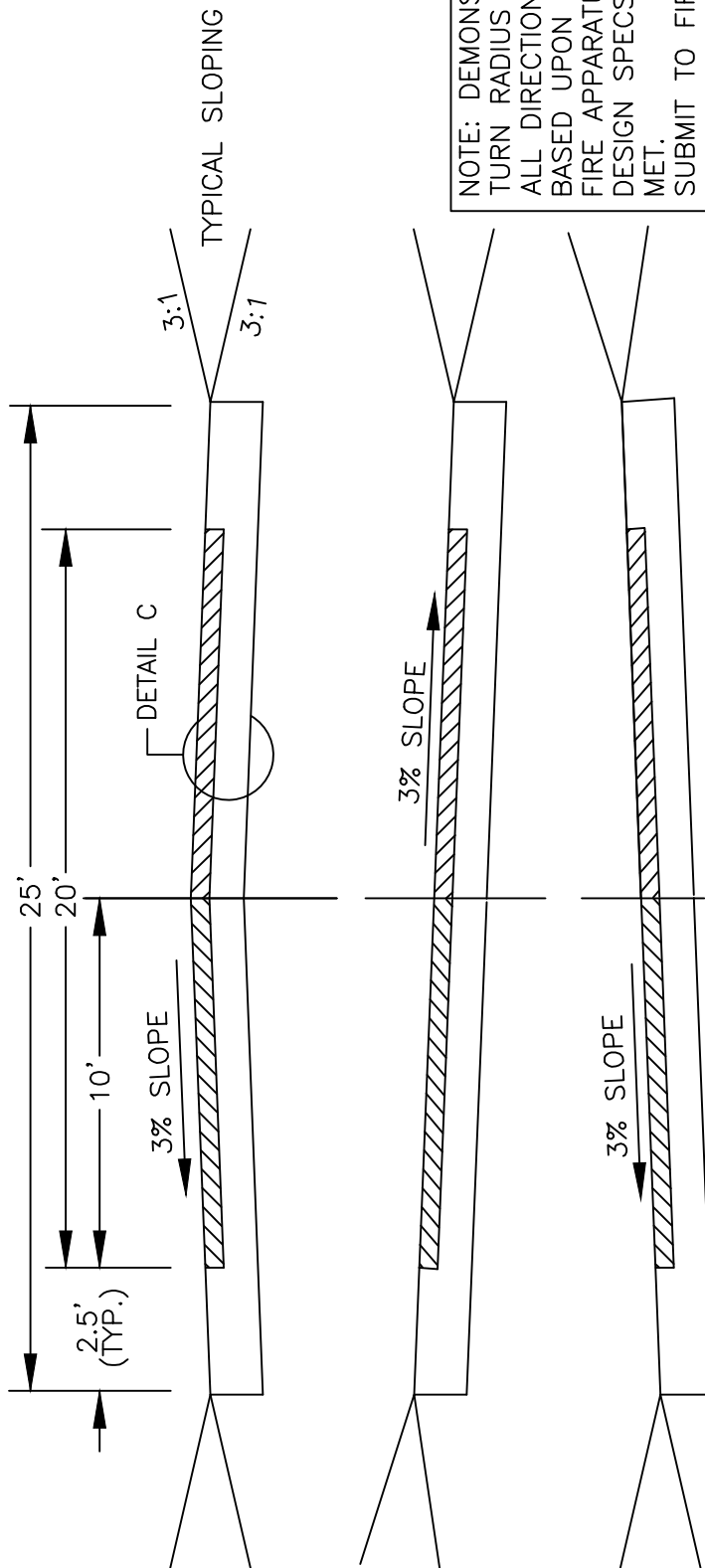




STANDARD DETAILS  
FIRE APPARATUS ACCESS ROAD (FIRE LANES)  
CITY OF PLYMOUTH

PUBLISHED  
3-25  
CITY PL. NO.  
STRT-17  
REVISED 1-20

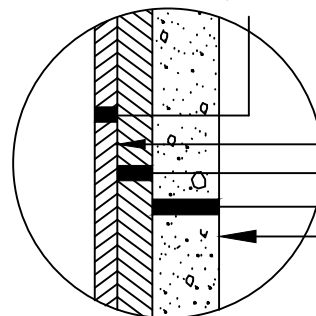


NOTE: DEMONSTRATE  
TURN RADIUS FROM  
ALL DIRECTIONS  
BASED UPON PFD  
FIRE APPARATUS  
DESIGN SPECS. IS  
MET.  
SUBMIT TO FIRE  
INSPECTOR FOR  
APPROVAL.

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         |