CONSTRUCTION SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER NOR THE ENGINEER SHALL BE EXPECTED TO ASSUME ANY RESPONSIBILITY FOR SAFETY OF THE WORK, OF PERSONS ENGAGED IN THE WORK, OF ANY NEARBY STRUCTURES, OR OF ANY OTHER PERSONS.	THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR AN	IN IE IS IY
COPYRIGHT © 2018 METRO CONSULTING ASSOCIATES; ALL RIGHTS RESERVED.	TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.	

### **ROLL CONCRETE CURB & GUTTER** NOT TO SCALE



## NOTE: BASE AND SUBBASE AGGREGATES TO EXTEND MINIMUM 1'-0" BEHIND BACK OF CURB



- 6" MDOT CLASS II GRANULAR FILL //• - COMPACTED EARTH SUBGRADE TO 95% MIN.

- 8" MDOT 22A CRUSHED LIMESTONE

BOND COAT -2 1/2" MDOT NO. 1300L, 20AAA BITUMINOUS COMPACTED TO 97% MAXIMUM MARSHALL UNIT WEIGHT

2" MDOT NO. 1100T, 20AAA BITUMINOUS COMPACTED TO 97% MAXIMUM MARSHALL UNIT WEIGHT -BOND COAT - 2 1/2" MDOT NO. 1300T, 20AAA BITUMINOUS COMPACTED TO 97% MAXIMUM MARSHALL UNIT WEIGHT

## **HEAVY DUTY PARKING LOT BITUMINOUS PAVEMENT** NOT TO SCALE

SPEC. 1.01.01 1990



BOND COAT MDOT NO. 1100L, 20AA BITUMINOUS COMPACTED TO 97% MAXIMUM MARSHALL UNIT WEIGHT 12" MDOT 21AA CRUSHED LIMESTONE COMPACTED

TO 98% OFF MAXIMUM UNIT WEIGHT PER MDOT

- COMPACTED EARTH SUBGRADE TO 95% MIN.

" MDOT NO. 1100T, 20AA BITUMINOUS COMPACTED TO 97% MAXIMUM MARSHALL UNIT WEIGHT

## STANDARD PARKING LOT BITUMINOUS PAVEMENT NOT TO SCALE

1.01.01 1990



BOND COAT MDOT NO. 1100L, 20AA BITUMINOUS COMPACTED TO 97% MAXIMUM MARSHALL UNIT WEIGHT 6" MDOT 21AA CRUSHED LIMESTONE COMPACTED TO 98% OFF MAXIMUM UNIT WEIGHT PER MDOT SPEC.

- COMPACTED EARTH SUBGRADE TO 95% MIN.

" MDOT NO. 1100T, 20AA BITUMINOUS COMPACTED TO 97% MAXIMUM MARSHALL UNIT WEIGHT



### SIDEWALK BITUMINOUS PAVEMENT NOT TO SCALE



1.5" MDOT NO. 1100T, 20AA BITUMINOUS COMPACTED TO 97% MAXIMUM MARSHALL UNIT WEIGHT 6" MDOT 22A CRUSHED LIMESTONE OR GRAVEL COMPACTED TO 98% OFF MAXIMUM UNIT WEIGHT PER MDOT SPEC. 1.01.01 1990 - COMPACTED EARTH SUBGRADE TO 95% MIN.



4

à 4, a 4, à 8

CONCRETE SIDEWALK THROUGH DRIVEWAY

NOT TO SCALE

NOT TO SCALE













— #4

**PITCH IN CURB** 

BÄRS



**CONCRETE CURB (F4)** 

NOT TO SCALE

# **MECHANICAL ANCHOR AND HOOK BOLT SD-R-5** NOT TO SCALE

7 5/8" MIN.

EXIST. CONCRETE PAVEMENT



### **MOUNTABLE CONCRETE CURB & GUTTER (B2)** NOT TO SCALE



### STRAIGHT CONCRETE CURB NOT TO SCALE



## INTEGRAL CONCRETE CURB AND WALK NOT TO SCALE

![](_page_0_Figure_42.jpeg)

NOT TO SCALE

![](_page_0_Figure_43.jpeg)

# **CONCRETE SIDEWALK - HEAVY DUTY** NOT TO SCALE

 $\sim$  6" OF COMPACTED SUBGRADE

- 6" CONCRETE

WITH 6"x6" WWF REINFORCEMENT

- MDOT 21AA 8" GRANULAR BASE

AT OPTIMUM MOISTURE CONTENT

- 6" OF COMPACTED SUBGRADE

∖\_\_#4

5 1/2"

BÄRS

**PITCH OUT CURB** 

1 3/4"

BARS

**PITCH OUT CURB** 

4 4

4" |

└1 3/8"

COMPACTED TO 98% OF MAX. WEIGHT

![](_page_0_Figure_47.jpeg)

47 4 4 44 - 8" CONCRETE WITH 6"x6" WWF REINFORCEMENT

# **CONCRETE SIDEWALK - STANDARD** NOT TO SCALE

![](_page_0_Picture_50.jpeg)

- 4" SAND LEVELING LAYER COMPACTED TO 95% MIN.

![](_page_0_Figure_52.jpeg)

NOTE:

![](_page_0_Figure_53.jpeg)

![](_page_1_Figure_0.jpeg)

![](_page_1_Picture_3.jpeg)