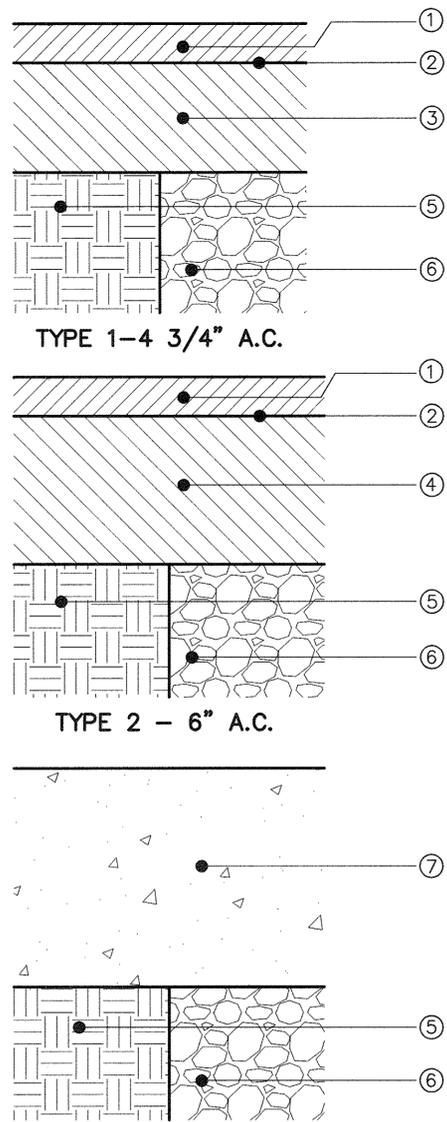


LANDSCAPE SCREENING REQUIREMENTS FOR PARKING LOTS

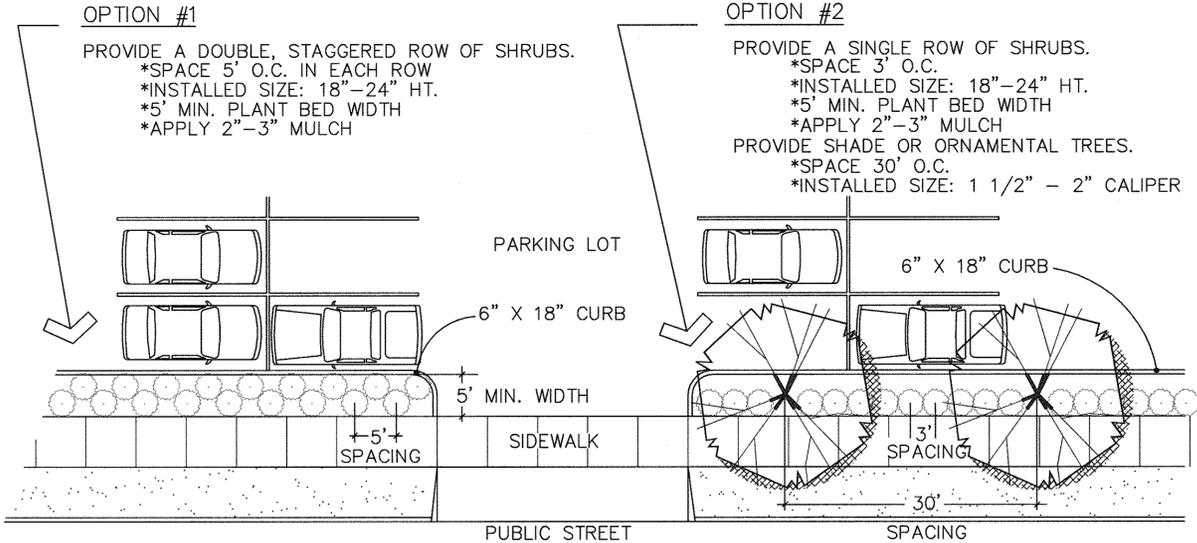


TYPE 1-4 3/4" A.C.

TYPE 2 - 6" A.C.

TYPE 3 - 7" P.C.C.

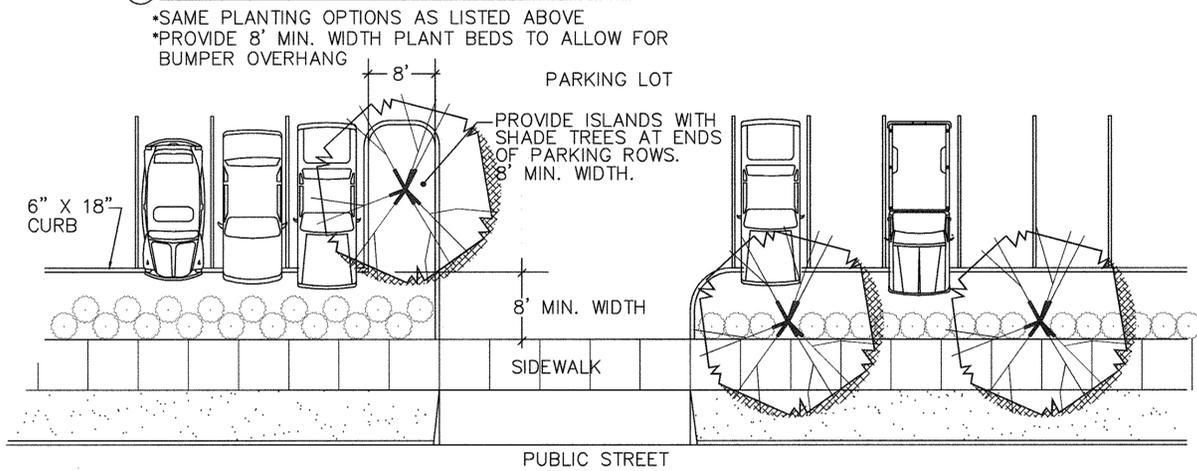
A. PARKING PARALLEL TO PLANT BED



**OPTION #1**  
 PROVIDE A DOUBLE, STAGGERED ROW OF SHRUBS.  
 \*SPACE 5' O.C. IN EACH ROW  
 \*INSTALLED SIZE: 18"-24" HT.  
 \*5' MIN. PLANT BED WIDTH  
 \*APPLY 2"-3" MULCH

**OPTION #2**  
 PROVIDE A SINGLE ROW OF SHRUBS.  
 \*SPACE 3' O.C.  
 \*INSTALLED SIZE: 18"-24" HT.  
 \*5' MIN. PLANT BED WIDTH  
 \*APPLY 2"-3" MULCH  
 PROVIDE SHADE OR ORNAMENTAL TREES.  
 \*SPACE 30' O.C.  
 \*INSTALLED SIZE: 1 1/2" - 2" CALIPER

B. PARKING PERPENDICULAR TO PLANT BED



\*SAME PLANTING OPTIONS AS LISTED ABOVE  
 \*PROVIDE 8' MIN. WIDTH PLANT BEDS TO ALLOW FOR BUMPER OVERHANG

PROVIDE ISLANDS WITH SHADE TREES AT ENDS OF PARKING ROWS.  
 8' MIN. WIDTH.

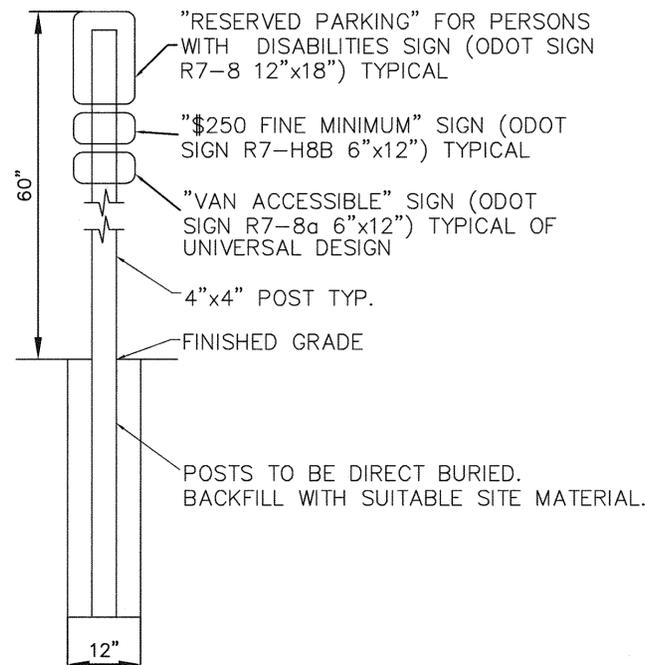
NOTES:

1. TYPICAL SECTIONS SHOWN ARE MINIMUM THICKNESSES ALLOWABLE FOR PARKING LOTS AND DRIVEWAYS WHERE PAVING IS REQUIRED BY THE CITY OF AKRON ZONING CODE.
2. THIS DRAWING REPLACES DWG. NO. A-4478-d PER SECTION 153.286(D)(4)(d) AND 153.287(D)(3)(c) OF THE CITY OF AKRON ZONING CODE.
3. ALL SUBGRADE SHALL BE PREPARED ACCORDING TO ITEM 203, OR COMPACTED SUBBASE ITEM 310.
4. TYPES 1, 2, AND 3 ARE TO BE USED FOR PARKING LOTS WITH NO MORE THAN 500 STALLS, 20 OR LESS HEAVY TRUCKS PER DAY, AND A CBR > FOR AREAS NOT MEETING THESE CONDITIONS, A PAVEMENT DESIGN STAMPED BY A PROFESSIONAL ENGINEER MUST BE SUBMITTED FOR APPROVAL BY THE CITY.
5. TYPE 1 PAVEMENT IS FOR PARKING LOTS WITH PASSENGER VEHICLES ONLY. TRUCK TRAFFIC IS OCCASIONAL.
6. TYPE 1 PAVEMENT MAY BE USED FOR TRUCKS (≤ 20 PER DAY) IF SUBGRADE WITH A CBR ≥ 17 (RESILIENT MODULUS ≥ 20,000 PSI) IS PRESENT, OR 6" AGGREGATE REFILL-TYPE 1 IS USED.
7. TYPE 2 PAVEMENT IS FOR PARKING LOTS THAT WILL HAVE AN AVERAGE OF 1 TO 20 HEAVY TRUCKS PER DAY.
8. TYPE 3 PAVEMENT IS ACCEPTABLE FOR BOTH PASSENGER VEHICLES & TRUCK TRAFFIC (≤ 20 TRUCKS PER DAY).
9. TYPES 1, 2 AND 3 WITH SUBGRADES THAT HAVE APPRECIABLE AMOUNTS OF CLAY AND FINE SILT, OR COARSER SILTS & SANDY LOAMS SUBJECT TO FROST, PROVIDE 6" AGGREGATE REFILL-TYPE 1, ITEM 203. THESE SOILS TYPICALLY HAVE A CBR = 3 TO 7 AND A RESILIENT MODULUS OF 4,000-9,000 PSI.
10. PAVEMENT UNDERDRAINS, WHEN REQUIRED, SHALL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 564-UNDERDRAINS. DRAINS SHALL BE CONSTRUCTED PRIOR TO THE CONSTRUCTION OF THE PARKING LOT.
11. ALTERNATIVE PAVING SURFACES FOR THE PURPOSE OF ALLOWING WATER TO PENETRATE THE GROUND WILL BE REVIEWED ON AN INDIVIDUAL BASIS.

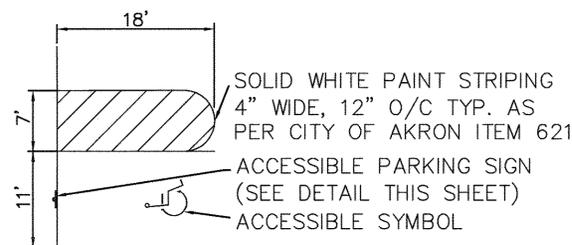
CODE	DESCRIPTION	No.	PAYMENT
1	ASPH. CONC. SURFACE COURSE, TYPE 1, 1 1/4" THICK	448	C.Y.
2	TACK COAT	407	GAL.
3	BITUMINOUS AGGREGATE BASE, 3 1/2" THICK	301	C.Y.
4	BITUMINOUS AGGREGATE BASE, 4 3/4" THICK	301	C.Y.
5	PREPARED SUBGRADE	203/310	
6	6" AGGREGATE REFILL-TYPE 1 (LIMESTONE)	203	C.Y.
7	7" PLAIN PORTLAND CEMENT CONCRETE PAVEMENT	452	S.Y.

ACCESSIBLE PARKING SIGN NOTES:

1. PROVIDE GALVANIZED CARRIAGE BOLTS APPROPRIATELY SIZED & SPACED FOR INSTALLATION OF SIGN FACE (2 PER POST)
2. POSTS SHALL BE PRESSURE TREATED USING AMMONIACAL COPPER QUATERNARY (ACQ), PER ASTM D 5654, AND DRESSED S4S.
3. ALL SIGNS TO BE LOCATED AS PER PLANS. LOCATIONS TO BE FIELD VERIFIED.
4. SIGN SHALL BE SINGLE POST DESIGN.
5. TOP OF SIGN SHALL BE 60" ABOVE FINISH GRADE.



ACCESSIBLE PARKING SIGN  
 NOT TO SCALE



ACCESSIBLE PARKING SPACE-UNIVERSAL DESIGN  
 NOT TO SCALE

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON BUREAU OF ENGINEERING	CONSTRUCTION STANDARD DWG. No. <b>BP-1.3</b>
<i>Michael A. Teodoreski</i> 4-6-2016 MANAGER, DESIGN DIVISION <i>Travis Caputo</i> 4/6/16 MANAGER, CONSTRUCTION DIVISION <i>James P. ...</i> 4/6/16 CITY ENGINEER	<b>PAVEMENT TYPICAL SECTIONS,                  PARKING LOTS AND UNIVERSAL                  HANDICAP PARKING SPACES</b>
AUTOCAD DRAWING - STD_BP-1.3 DWG REVISIONS: March 27, 2007 April 4, 2008 February 26, 2016	

JULY 30, 2002