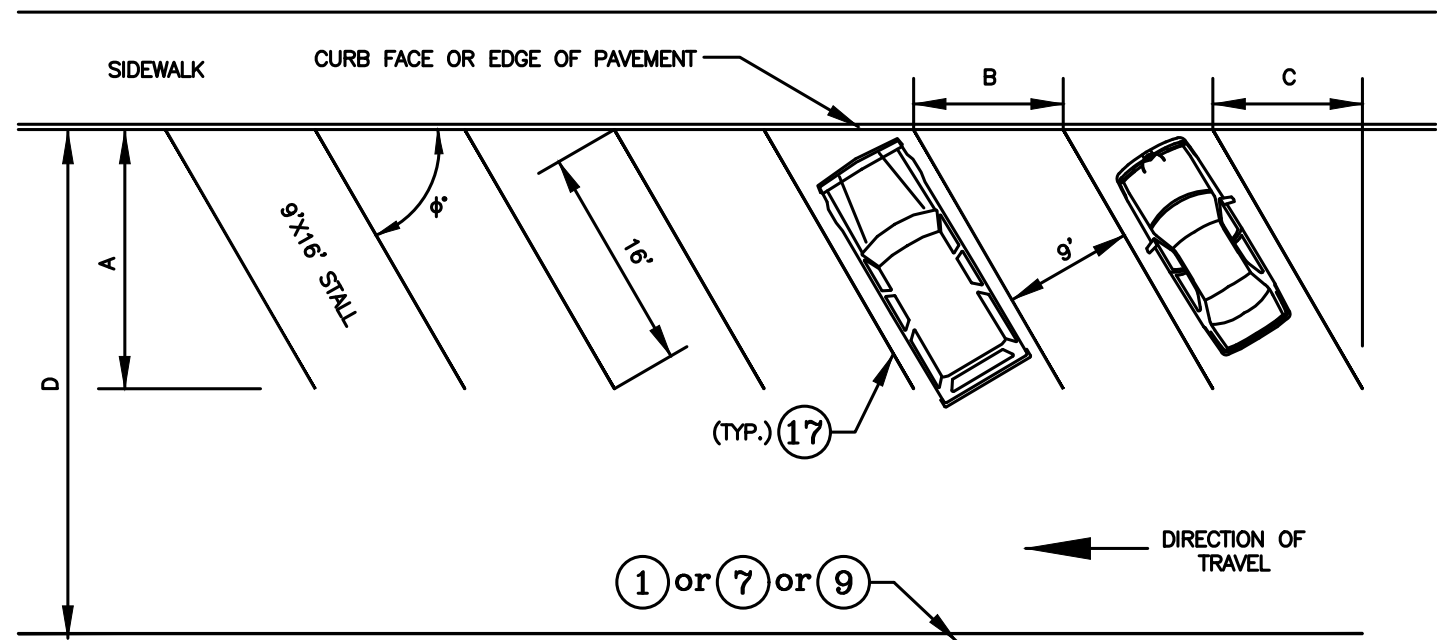


**NOTES:**

1. ALL PARKING STALL LINES SHALL BE WHITE AND CONFORM TO ACHD'S PAINT SPECIFICATIONS.
2. PARKING STALL LINES SHALL NOT BE INSTALLED AT AN ANGLE LESS THAN 45 DEGREES, AS MEASURED BETWEEN THE CURB FACE AND THE STALL EDGE LINE.
3. CALCULATIONS FOR ON STREET PARKING SPACE DIMENSIONS ARE BASED ON A 9'X16' STALL SIZE. LONGER VEHICLES ARE EXPECTED TO OVERHANG THE CURB (IF PRESENT) BY NO MORE THAN TWO FEET. PARKING METERS (IF PRESENT) SHOULD BE INSTALLED TO AVOID VEHICLES OVERHANGING THE CURB.
4. A DESIGNATED ARTERIAL STREET, FOR THE PURPOSES OF THIS STANDARD DETAIL, MAY BE DIMENSIONED AS A COLLECTOR STREET IF THE AVERAGE DAILY VOLUME (ADT) IS LESS THAN 10,000 VEHICLES OR THE STRIPING PROVIDES ONLY ONE THROUGH LANE IN EACH DIRECTION.

| STREET TYPE | TYPICAL LANE WIDTH | PARKING ANGLE (φ) | STALL DEPTH (A) | STALL WIDTH AT CURB (B) | WIDTH OF STALL EDGE AT CURB (C) | CURB FACE TO NEAREST ROADWAY STRIPE (D) |
|-------------|--------------------|-------------------|-----------------|-------------------------|---------------------------------|---|
| ARTERIAL    | 11' - 12'          | 45°               | 17.7'           | 12.7'                   | 17.7'                           | 38.7' (MIN.)                            |
|             |                    | 60°               | 18.4'           | 10.4'                   | 10.6'                           | 39.4' (MIN.)                            |
|             |                    | 75°               | 17.8'           | 9.3'                    | 4.8'                            | 38.8' (MIN.)                            |
| COLLECTOR   | 10' - 12'          | 45°               | 17.7'           | 12.7'                   | 17.7'                           | 32.7' (MIN.)                            |
|             |                    | 60°               | 18.4'           | 10.4'                   | 10.6'                           | 33.4' (MIN.)                            |
|             |                    | 75°               | 17.8'           | 9.3'                    | 4.8'                            | 32.8' (MIN.)                            |
| LOCAL       | 10' - 11'          | 45°               | 17.7'           | 12.7'                   | 17.7'                           | 27.7' (MIN.)                            |
|             |                    | 60°               | 18.4'           | 10.4'                   | 10.6'                           | 28.4' (MIN.)                            |
|             |                    | 75°               | 17.8'           | 9.3'                    | 4.8'                            | 27.8' (MIN.)                            |

**TABLE 1 - DIAGONAL ON-STREET PARKING DIMENSIONS**



**FIGURE 1 - DIAGONAL ON-STREET PARKING SCHEMATIC**

| NO.  | DATE | BY | DESCRIPTION                |
|------|------|----|----------------------------|
| 4/16 | JES  |    | Minor design modifications |

• REVISIONS •

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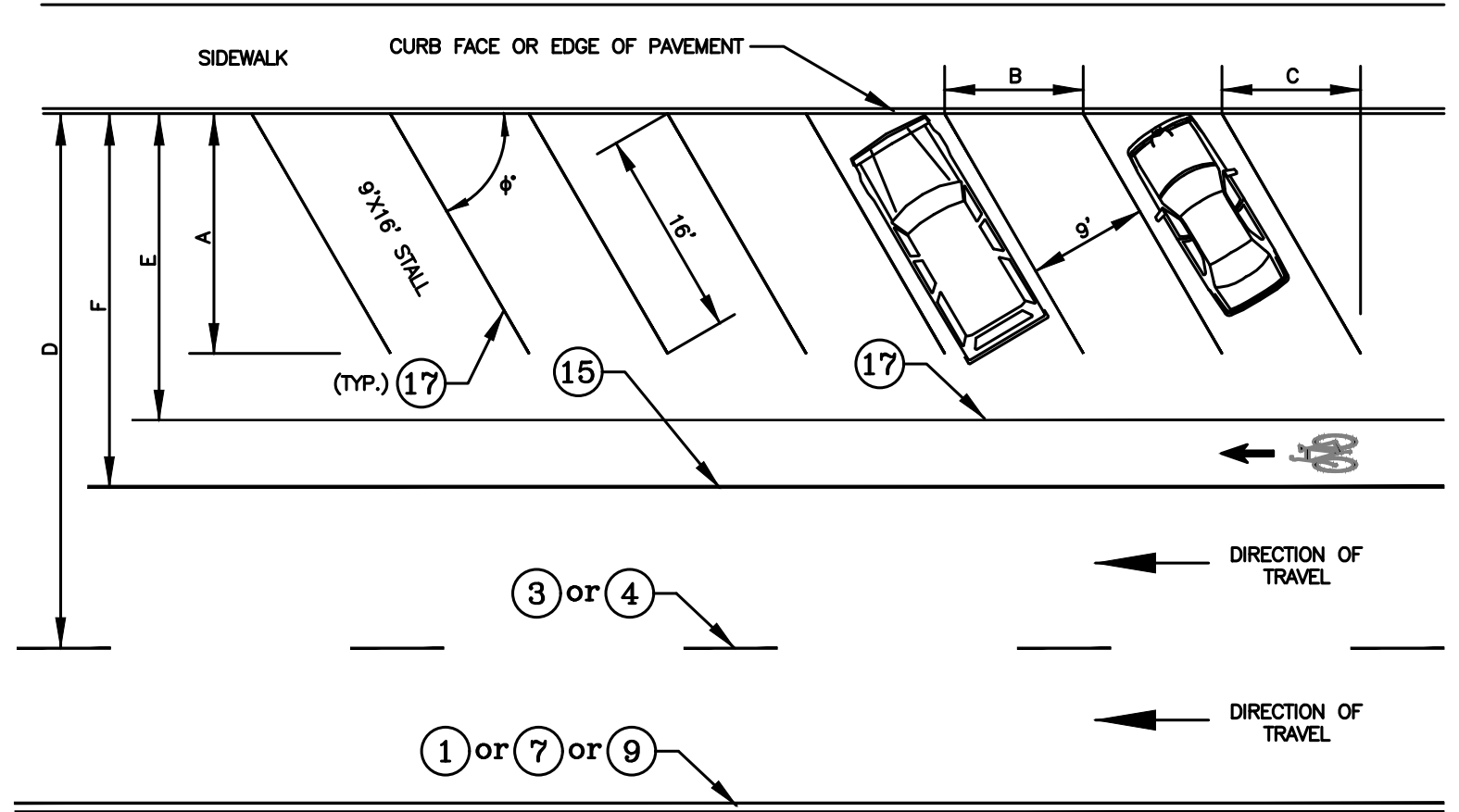
| • SIGNATURES •       |                           |
|----------------------|---------------------------|
| Scale: NTS           | Drawn By: Joshua Seak     |
| Date: 11/10/2014     | Design By: Joshua Seak    |
| File: TS-1122.01.DWG | Approved By: Shawn Martin |

| • SHEET TITLE •                    |  |
|------------------------------------|--|
| Diagonal On Street Parking Details |  |

PROFESSIONAL ENGINEER  
REGISTERED  
12842  
STATE OF IDAHO  
JOSHUA SEAK  
• STANDARD DETAIL NO. •  
TS-1122.01

**NOTES:**

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**FIGURE 2 - DIAGONAL ON-STREET PARKING SCHEMATIC WITH BIKE LANE**

| STREET TYPE | TYPICAL LANE WIDTH | PARKING ANGLE (φ°) | STALL DEPTH (A) | STALL WIDTH AT CURB (B) | WIDTH OF STALL EDGE AT CURB (C) | CURB FACE TO 4" BIKE LANE LINE (E) | CURB FACE TO 8" BIKE LANE LINE (F) | CURB FACE TO NEAREST ROADWAY STRIPE (D) |                  |
|-------------|--------------------|--------------------|-----------------|-------------------------|---------------------------------|------------------------------------|------------------------------------|---|------------------|
| ARTERIAL    | 11' - 12'          | 45°                | 17.7'           | 12.7'                   | 17.7'                           | 32.7' (MIN.)                       | (E) + 5' (MIN.)                    | (F) + 11' (MIN.)                        |                  |
|             |                    | 60°                | 18.4'           | 10.4'                   | 10.6'                           | 33.4' (MIN.)                       |                                    |   |                  |
|             |                    | 75°                | 17.8'           | 9.3'                    | 4.8'                            | 32.8' (MIN.)                       |                                    |   |                  |
| COLLECTOR   | 10' - 12'          | 45°                | 17.7'           | 12.7'                   | 17.7'                           | 27.7' (MIN.)                       |                                    | (E) + 5' (MIN.)                         | (F) + 10' (MIN.) |
|             |                    | 60°                | 18.4'           | 10.4'                   | 10.6'                           | 28.4' (MIN.)                       |                                    |   |                  |
|             |                    | 75°                | 17.8'           | 9.3'                    | 4.8'                            | 27.8' (MIN.)                       |                                    |   |                  |
| LOCAL       | 10' - 11'          | 45°                | 17.7'           | 12.7'                   | 17.7'                           | 22.7' (MIN.)                       | (E) + 5' (MIN.)                    |   | (F) + 10' (MIN.) |
|             |                    | 60°                | 18.4'           | 10.4'                   | 10.6'                           | 23.4' (MIN.)                       |                                    |   |                  |
|             |                    | 75°                | 17.8'           | 9.3'                    | 4.8'                            | 22.8' (MIN.)                       |                                    |   |                  |

**TABLE 2 - DIAGONAL ON-STREET PARKING DIMENSIONS WITH BIKE LANE**

|               |      |     |                            |
|---------------|------|-----|----------------------------|
| NO.           | DATE | BY  | DESCRIPTION                |
| 4/16          |      | BCA | Minor design modifications |
| • REVISIONS • |      |     |                            |

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| • SIGNATURES •       |                           |
|----------------------|---------------------------|
| Scale: NTS           | Drawn By: Joshua Seak     |
| Date: 11/24/2014     | Design By: Joshua Seak    |
| File: TS-1122.02.DWG | Approved By: Shawn Martin |

| • SHEET TITLE •                                  |  |
|--|--|
| Diagonal On Street Parking with Bike Lane Detail |  |

PROFESSIONAL ENGINEER  
STATE OF IDAHO  
12842  
JOSHUA E. SEAK

• STANDARD DETAIL NO. •  
**TS-1122.02**

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