

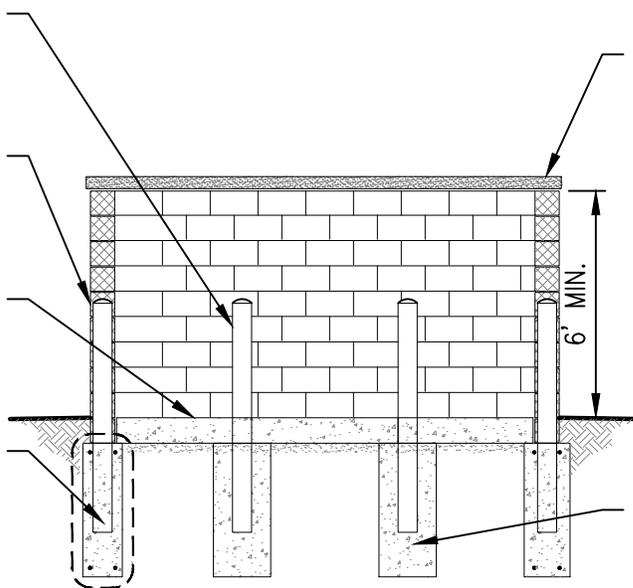
6" DIAMETER STEEL PIPE BOLLARDS FILLED WITH CONCRETE AND PAINTED YELLOW. EXTEND 4 FEET ABOVE TOP OF SLAB AND 3 FEET BELOW

8" CONCRETE BLOCK OR CAST-IN PLACE CONCRETE WALLS, OR APPROVED ALTERNATE MATERIAL

8" POURED CONCRETE SLAB OVER 8" 21AA DENSE GRADED AGGREGATE

12" X 42" POURED CONCRETE TRENCH FOUNDATION (SEE DETAIL)

LIMESTONE (OR CONCRETE) WALL CAP (TYP)



18" x 42" POURED CONC (TYP)

#5 DOWEL W/4" HOOK EXTEND 18" ABOVE AND BELOW TOP OF FOOTING @ 24" O.C.

#5 REBAR

3"

#4 STIRRUP W/ 15" OVERLAP IF IN TWO PIECES

CONCRETE BRICK SUPPORT

TRENCH FOUNDATION DETAIL
N.T.S.

18" LAP LENGTH REQUIRED FOR #5 REBAR AT CORNERS

6 YD TRASH/RECYCLE RECEPTACLE

2% SLOPE MAX

11.0' MIN. CLEARANCE AT NARROWEST POINT IN ENCLOSURE AS MEASURED FROM EDGE OF BOLLARD

EXPANSION JOINT

6" DIAMETER STEEL PIPE BOLLARDS FILLED WITH CONCRETE AND PAINTED YELLOW (TYP.)

8" POURED CONCRETE SLAB EXTENSION. PITCH TO DRAIN AWAY FROM ENCLOSURE @ MIN 1% SLOPE

GATE SWING ANGLE, MIN 120° FROM CLOSED POSITION

120° MIN.

10.0'

12.0' MIN.

NO PARKING

NOTE:
SEE SD-SW-6 FOR GENERAL NOTES



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| REV. NO. | DATE | DRAWN BY | CHECKED BY |
| SINGLE BIN ENCLOSURE | | | |
| DR. ENG | CH. ENG | DRAWING NO. | |
| SCALE N.T.S. | DATE 10/1/2022 | SD-SW-1 | |

6" DIAMETER STEEL PIPE BOLLARDS FILLED WITH CONCRETE AND PAINTED YELLOW. EXTEND 4 FEET ABOVE TOP OF SLAB AND 3 FEET BELOW

8" POURED CONCRETE SLAB OVER 8" 21AA DENSE GRADED AGGREGATE

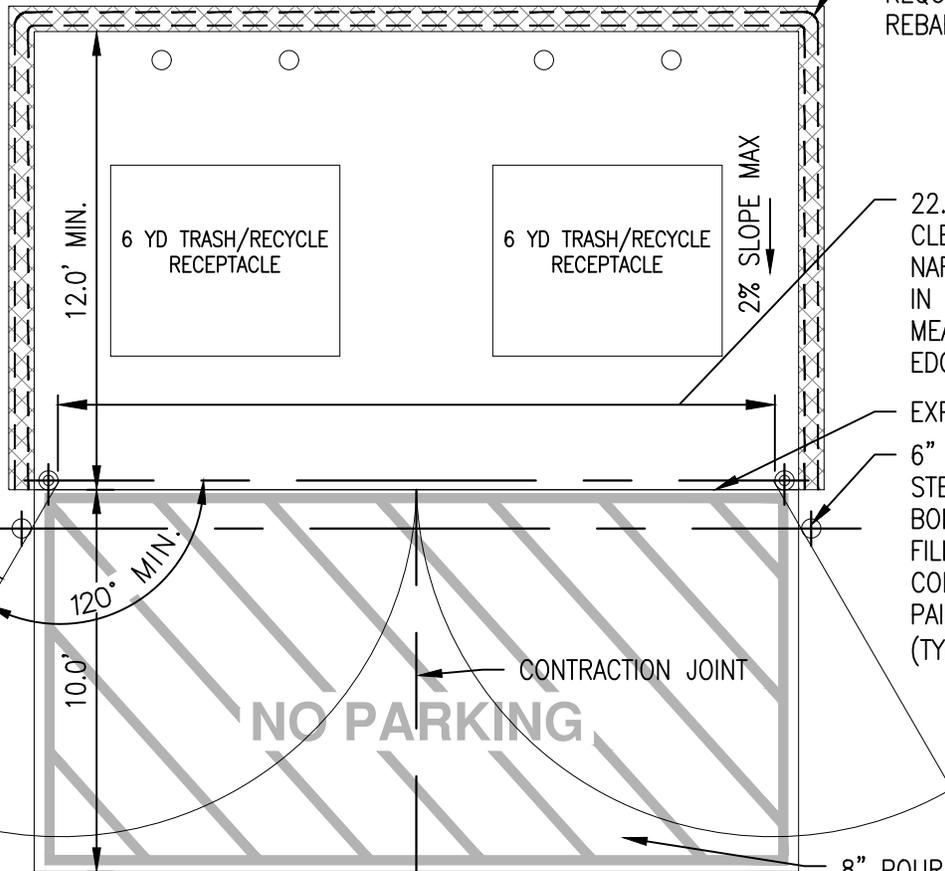
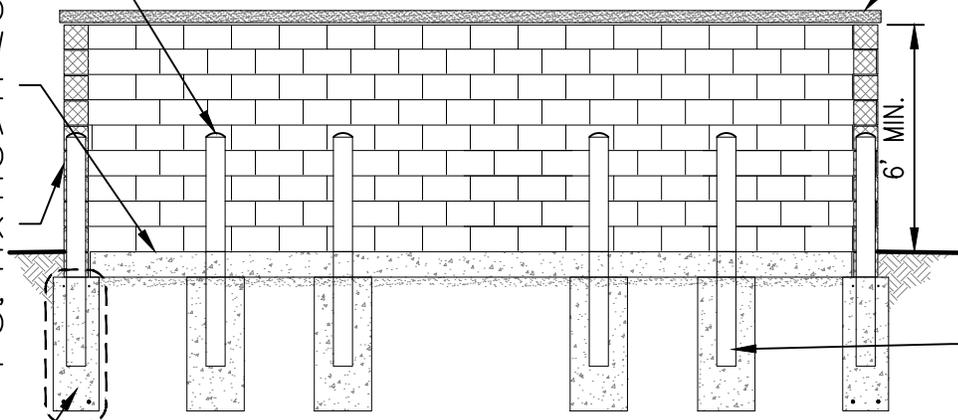
8" CONCRETE BLOCK OR CAST-IN PLACE CONCRETE WALLS, OR APPROVED ALTERNATE MATERIAL

12" X 42" POURED CONCRETE TRENCH FOUNDATION (SEE DETAIL SD-SW-1)

LIMESTONE (OR CONCRETE) WALL CAP (TYP)

18" x 42" POURED CONC (TYP)

ELEVATION



18" LAP LENGTH REQUIRED FOR #5 REBAR AT CORNERS

22.0' MIN. CLEARANCE AT NARROWEST POINT IN ENCLOSURE AS MEASURED FROM EDGE OF BOLLARD

EXPANSION JOINT

6" DIAMETER STEEL PIPE BOLLARDS FILLED WITH CONCRETE AND PAINTED YELLOW (TYP.)

GATE SWING ANGLE, MIN 120° FROM CLOSED POSITION

120° MIN.

CONTRACTION JOINT

NO PARKING

NOTE: SEE SD-SW-6 FOR GENERAL NOTES

8" POURED CONCRETE SLAB EXTENSION. PITCH TO DRAIN AWAY FROM ENCLOSURE @ MIN 1% SLOPE

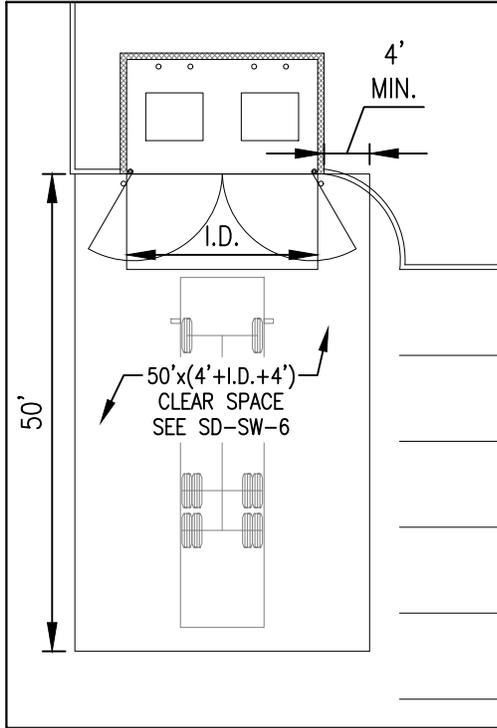
PLAN



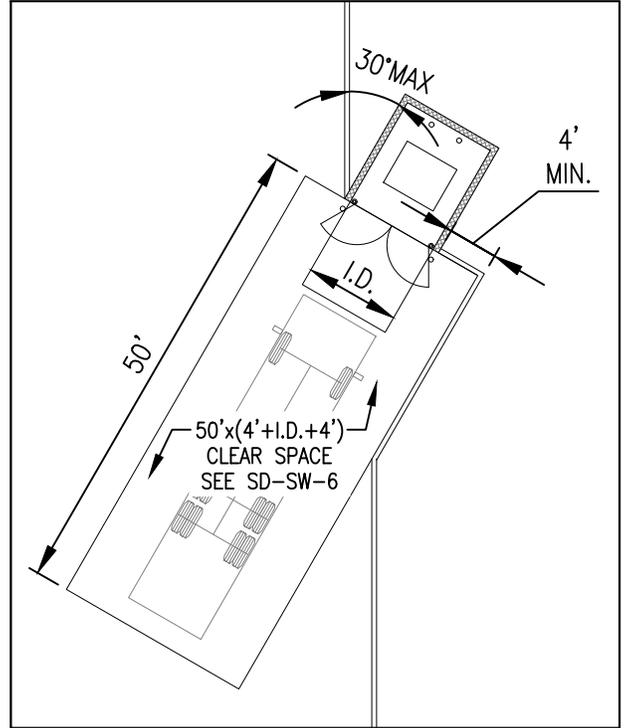
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| DOUBLE BIN ENCLOSURE | | | |
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ACCEPTABLE

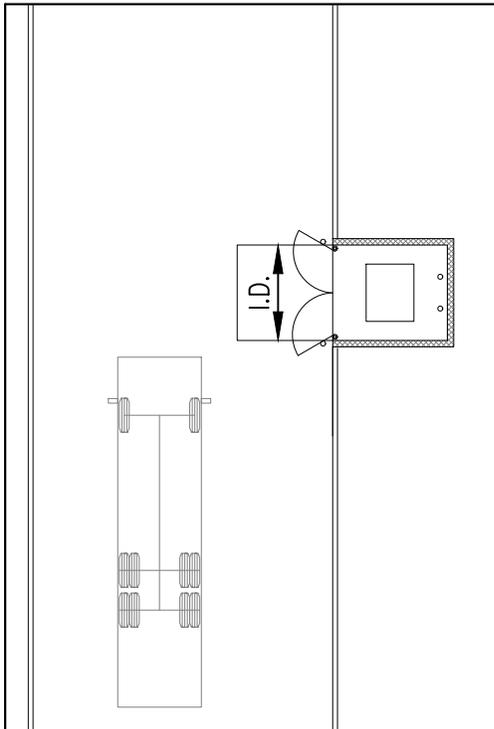


DIRECT ACCESS
(PREFERRED)

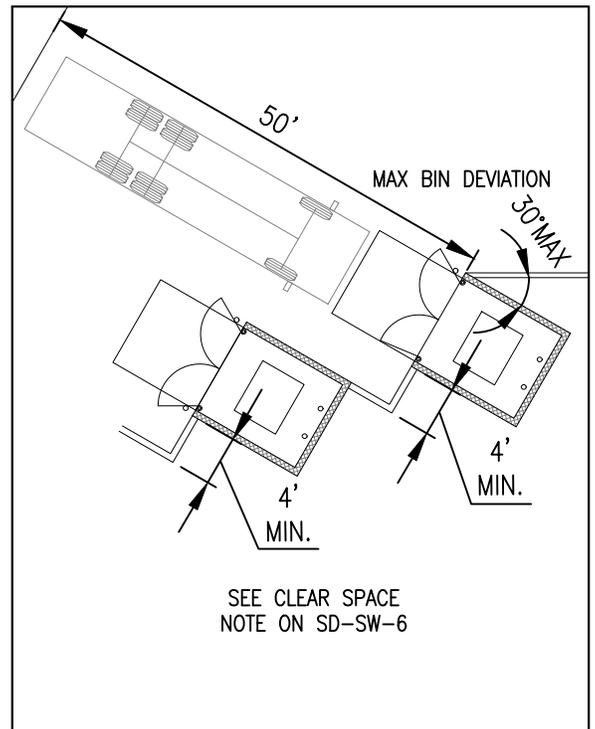


OPTIONAL ANGLED DIRECT ACCESS
(ACCEPTABLE WITH APPROVAL)

UNACCEPTABLE



INDIRECT ACCESS

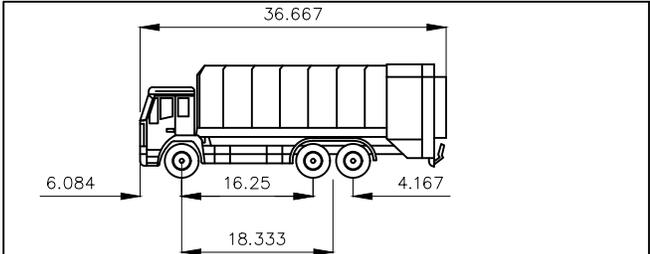
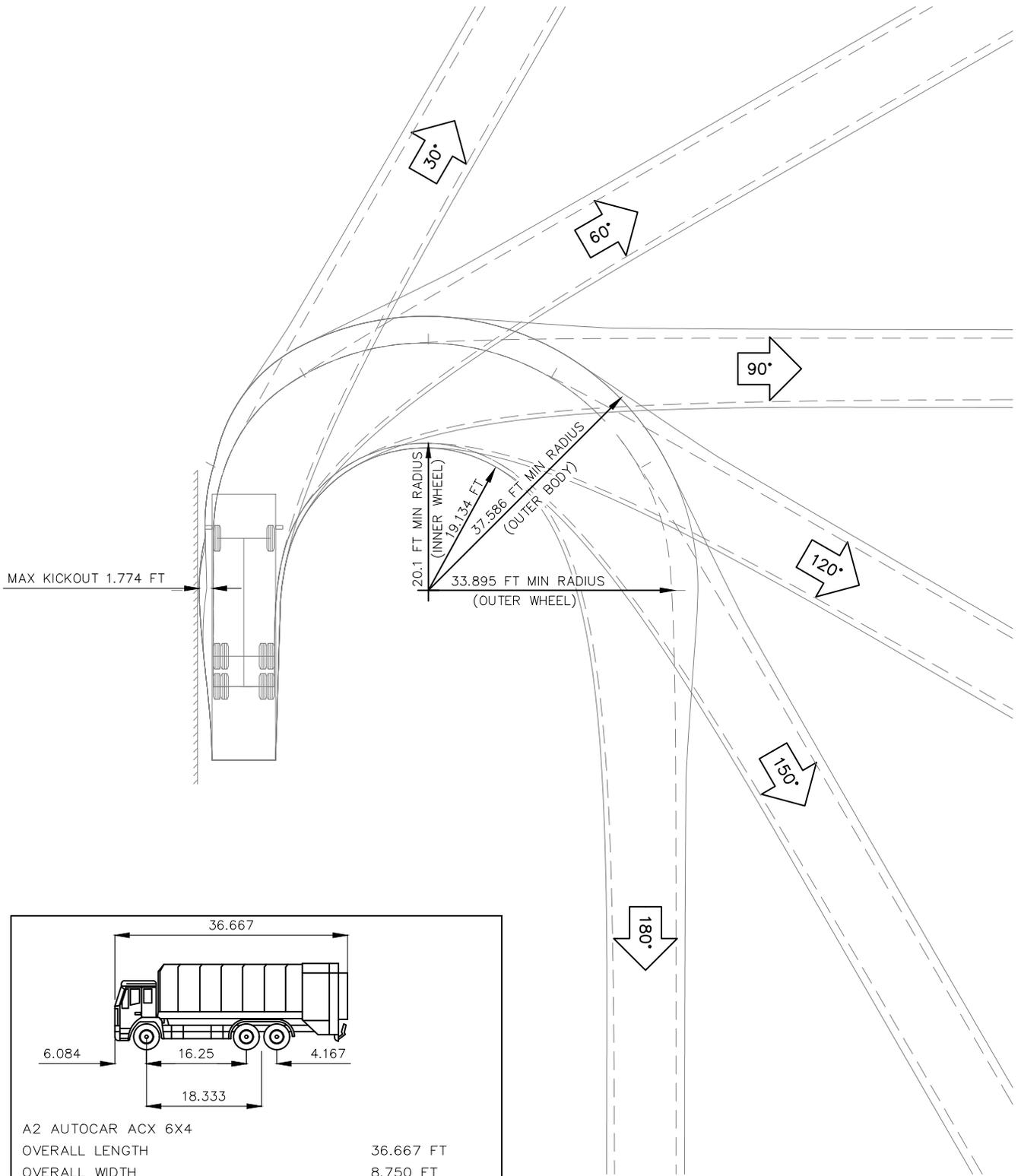


OPTIONAL ANGLED DIRECT ACCESS
(ACCEPTABLE WITH APPROVAL)



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| REV. NO. | DATE | DRAWN BY | CHECKED BY |
| STANDARD BIN ENCLOSURE LAYOUTS | | | |
| DR. ENG | CH. ENG | DRAWING NO. | |
| SCALE N.T.S. | DATE 10/1/2022 | SD-SW-3 | |

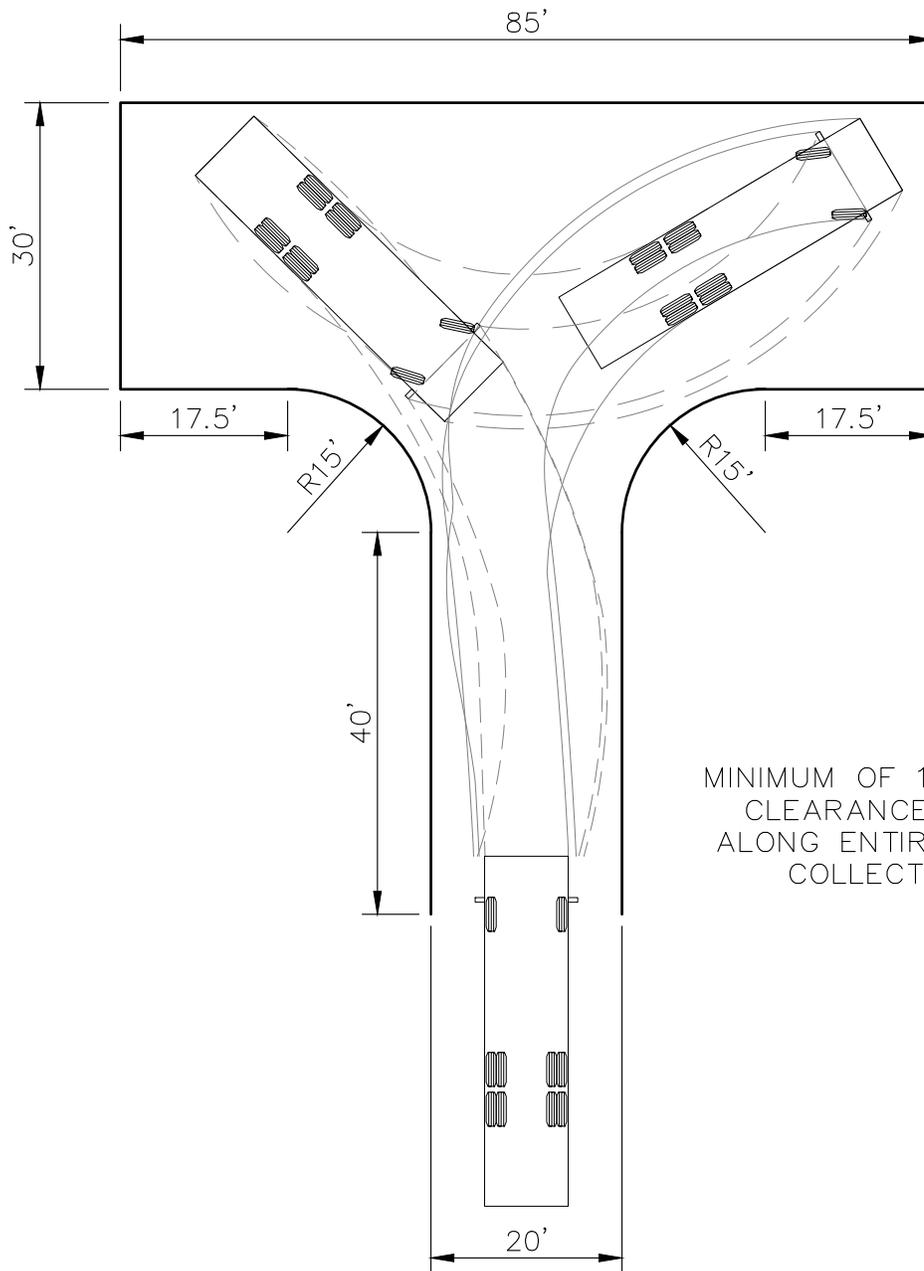


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|-----------------------------|-----------|
| A2 AUTOCAR ACX 6X4 | |
| OVERALL LENGTH | 36.667 FT |
| OVERALL WIDTH | 8.750 FT |
| OVERALL BODY HEIGHT | 12.500 FT |
| MIN BODY GROUND CLEARANCE | 0.830 FT |
| MAX TRACK WIDTH | 8.417 FT |
| LOCK-TO-LOCK TIME | 6.00 S |
| CURB TO CURB TURNING RADIUS | 33.895 FT |



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| REV. NO. | DATE | DRAWN BY | CHECKED BY |
| SWEPT PATH REQUIREMENTS FOR FRONT LOAD SOLID WASTE VEHICLE | | | |
| DR. ENG | CH. ENG | DRAWING NO. | |
| SCALE N.T.S. | DATE 10/1/2022 | SD-SW-4 | |



MINIMUM OF 15'-0" VERTICAL
CLEARANCE IS REQUIRED
ALONG ENTIRE SOLID WASTE
COLLECTION ROUTE.



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| REV. NO. | DATE | DRAWN BY | CHECKED BY |
| SOLID WASTE VEHICLE TURN-AROUND | | | |
| DR. ENG | CH. ENG | DRAWING NO. | |
| SCALE N.T.S. | DATE 10/1/2022 | SD-SW-5 | |

1. MAINTAIN A CLEAR SPACE DIRECTLY IN FRONT OF THE SOLID WASTE ENCLOSURE. THE CLEAR SPACE SHALL BE A MINIMUM OF FIFTY (50) FEET LONG BY THE WIDTH OF THE INSIDE DIMENSION (I.D.) OF THE ENCLOSURE WALLS PLUS FOUR (4) FEET ON EACH SIDE. A MINIMUM VERTICAL CLEARANCE OF AT LEAST TWENTY-FIVE (25) FEET MUST BE PROVIDED ABOVE THIS AREA.
2. INGRESS AND EGRESS ROUTES MUST BE DEVELOPED BASED ON SOLID WASTE SWEEP PATH REQUIREMENTS PER SD-SW-4. A MINIMUM HORIZONTAL CLEARANCE OF FOUR (4) FEET FROM THE EDGE OF THE SWEEP PATH AND A MINIMUM VERTICAL CLEARANCE OF AT LEAST FIFTEEN (15) FEET MUST BE PROVIDED ALONG THE ENTIRE SOLID WASTE COLLECTION ROUTE.
3. PROVIDE TEN (10) FEET MINIMUM HORIZONTAL CLEARANCE FROM SOLID WASTE ENCLOSURE TO MAJOR ELECTRICAL EQUIPMENT, ABOVE GROUND UTILITY SERVICES, AND EDGE OF OVERHEAD OBSTRUCTIONS SUCH AS TREE BRANCHES, BALCONIES, AND OVERHANGS.
4. IF FORWARD ACCESS TO THE PUBLIC STREET IS NOT AVAILABLE FOR THE SOLID WASTE VEHICLE, THE SITE DEVELOPMENT LAYOUT MUST ACCOMMODATE A TURN-AROUND LOCATION MEETING REQUIREMENTS WITHIN SOLID WASTE REFERENCE SPECIFIC TURN-AROUND DETAIL (SD-SW-5) AND ACCEPTABLE TO THE PSAA.
5. FOR SITES THAT CANNOT ACCOMMODATE A TURN-AROUND, THE FOLLOWING ADDITIONAL REQUIREMENTS MUST BE MET:
 - 5.1. SOLID WASTE VEHICLES MUST BE ABLE TO SERVICE DUMPSTERS WITHOUT IMPEDING THE PUBLIC STREET OR SIDEWALK.
 - 5.2. THE COLLECTION LOCATION SHALL BE CLEARLY DELINEATED AND NOT HAVE A SLOPE GREATER THAN 2% IN ANY DIRECTION.
 - 5.3. BOLLARDS OR ADEQUATE CLEAR SPACE MUST BE PROVIDED BEHIND THE LIFT POINT SO THE DUMPSTERS ARE NOT PUSHED INTO ANY BUILDING OR ACCESS ROUTE.
 - 5.4. ALL SWEEP-PATH CLEARANCE AND VERTICAL CLEARANCE REQUIREMENTS PREVIOUSLY IDENTIFIED SHALL BE PROVIDED.
 - 5.5. SOLID WASTE VEHICLE BACK-UP DISTANCES MUST BE LESS THAN 30' ALONG SERVICING ROUTE.
6. GATES ON BIN ENCLOSURES SHALL OPEN A MINIMUM OF 120 DEGREES FROM THE CLOSED POSITION. THE GATES SHALL NOT IMPEDE ON THE REQUIRED BIN ENCLOSURE OPENING WIDTH, SHALL NOT BLOCK ADJACENT PARKING SPOTS, AND NOT BE IMPEDED BY ADJACENT CURBS OR LANDSCAPING.
7. GATES SHALL BE DESIGNED TO BE FREE STANDING WITHOUT CENTER POLE DESIGN. IF CENTER POLE DESIGN IS NECESSARY, 12 INCHES SHALL BE ADDED TO THE MINIMUM INTERIOR WIDTH OF THE ENCLOSURE.
8. GATE DESIGN SHALL INCLUDE A RELIABLE MEANS TO SECURE THE DOOR IN BOTH THE OPEN AND CLOSED POSITIONS.



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| REV. NO. | DATE | DRAWN BY | CHECKED BY |
| SOLID WASTE GENERAL NOTES | | | |
| DR. ENG | CH. ENG | DRAWING NO. | |
| SCALE N.T.S. | DATE 10/1/2022 | SD-SW-6A | |

9. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF NO PARKING SIGNS ALONG THE SOLID WASTE INGRESS/EGRESS ROUTE TO ENSURE THE ROUTE REMAINS FREE OF VEHICLES.
10. REFER TO ASSOCIATED STANDARD DETAILS SD-SW-1 AND SD-SW-2 FOR REQUIREMENTS ON SINGLE AND DOUBLE WIDE SOLID WASTE BIN ENCLOSURE LAYOUT AND DESIGN CRITERIA. THE CITY SHALL HAVE THE ABILITY TO MODIFY OR INTERPRET THESE DETAILS AS NECESSARY TO ACCOMMODATE THE CITY OR CITY CONTRACTOR'S NEEDS FOR SOLID WASTE PICK-UP.
11. SOLID WASTE EQUIPMENT ACCESS ROADS AND SERVICE AREA SURFACES SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF COLLECTION VEHICLES WEIGHING UP TO 66,000 LBS GROSS VEHICLE WEIGHT (GVW) AND SHALL BE PROVIDED WITH AN APPROVED SURFACE SO AS TO PROVIDE ALL WEATHER DRIVING CAPABILITIES. PROPERTY OWNER SHALL BE RESPONSIBLE FOR ALL SNOW AND ICE REMOVAL REQUIRED FOR SAFE ACCESS.
12. FOR SITES THAT CANNOT ACCOMMODATE A STANDARD DUMPSTER ENCLOSURE, THE DUMPSTERS MAY BE ROLLED OUT OF A BUILDING OR ALTERNATE ENCLOSURE BY THE PROPERTY OWNER TO AN APPROVED COLLECTION LOCATION.
13. SOLID WASTE COLLECTION LOCATIONS MUST BE LOCATED WITHIN THE BOUNDARIES OF THE PROPERTY UNLESS AN APPROPRIATE EASEMENT IS OBTAINED.



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