

300'

1320'

1980'

2640'

3300'

3960'

R3-17  
R9-3d

R2-1-xx  
R8-3a

R3-17  
R9-3d

R2-1-xx  
R8-3a

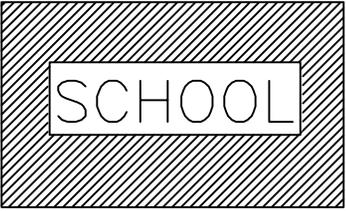
R3-17  
R9-3d

R2-1-xx  
R8-3a

DETAIL NO. 77a	TOWN OF GILBERT STANDARD DETAIL	TYPICAL ARTERIAL SIGNING	CREATED 12/08/99	DETAIL NO. 77a
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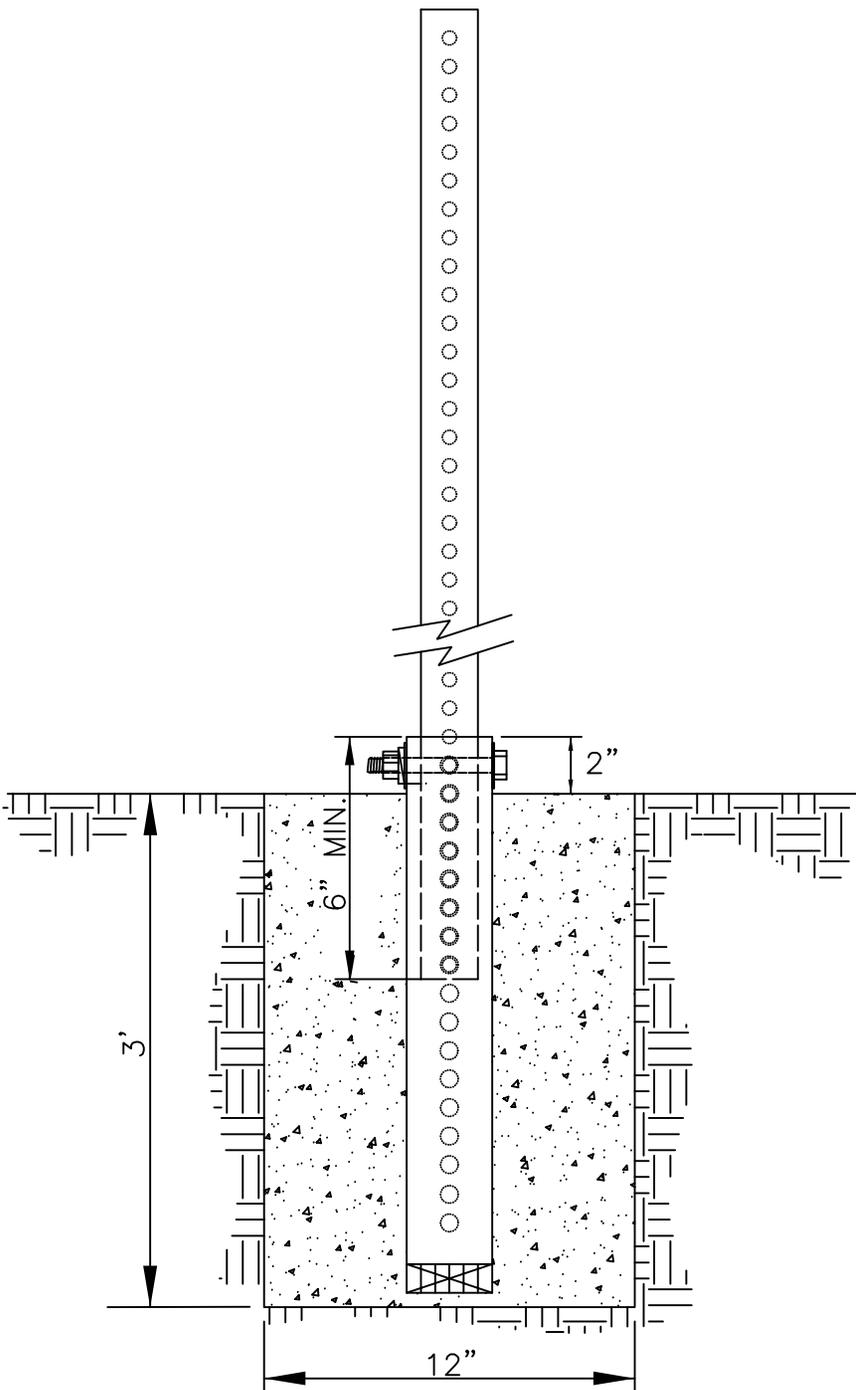

  
 S1-1      S4-3  
           R2-1-35  
           S4-1




  
           S4-3      S1-1  
 R2-1-35  
           S4-1

NOTES:

1. INSTALL ALL TRAFFIC SIGNS 1296 SQUARE INCHES OR LESS ON 12 GAUGE 1 3/4" SQUARE STEEL TUBING.
2. INSTALL ALL TRAFFIC SIGNS GREATER THAN 1296 SQUARE INCHES ON 12 GAUGE 2" SQUARE STEEL TUBING.
3. CONCRETE BASE 3'DEEP X 12" WIDE 2'2" LONG ANCHOR COMPLETELY TAPERED TO PREVENT SEAPAGE OF CONCRETE.
4. POST ANCHOR SHALL NOT PROTRUDE FROM THE GROUND MORE THAN 2".
5. ALL TRAFFIC SIGNS, WITH THE EXCEPTION OF DELINEATORS, SHALL HAVE A MIN. HEIGHT OF 7' TO BOTTOM OF SIGN. DELINEATORS SHALL BE MOUNTED AT A MINIMUM OF 4' TO THE BOTTOM OF THE SIGN.

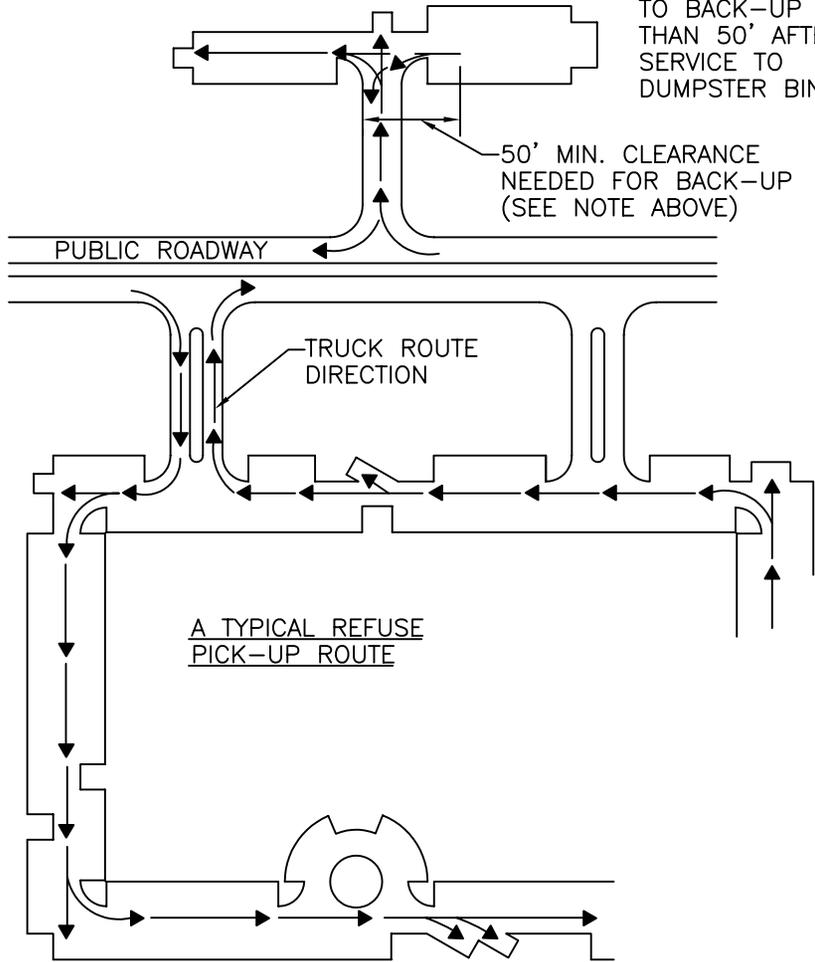


PLEASE NOTE:  
 REFUSE VEHICLES  
 WEIGH APPROX.  
 27 TONS WHEN  
 FULL. DRIVEWAYS  
 MUST BE BUILT  
 TO SUPPORT THIS  
 WEIGHT WITHOUT  
 DAMAGE TO DRIVE

HAMMER HEAD DRIVE

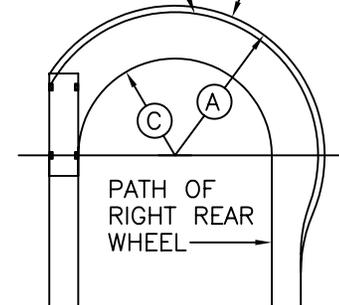
NOTE:  
 TRUCKS ARE NOT  
 TO BACK-UP MORE  
 THAN 50' AFTER  
 SERVICE TO  
 DUMPSTER BIN

50' MIN. CLEARANCE  
 NEEDED FOR BACK-UP  
 (SEE NOTE ABOVE)



PATH OF LEFT  
 FRONT WHEEL

PATH OF  
 OVERHANG



A 55' MIN TURNING RADIUS

C 35' INSIDE RADIUS

TRUCK CLEARANCE REQUIREMENT

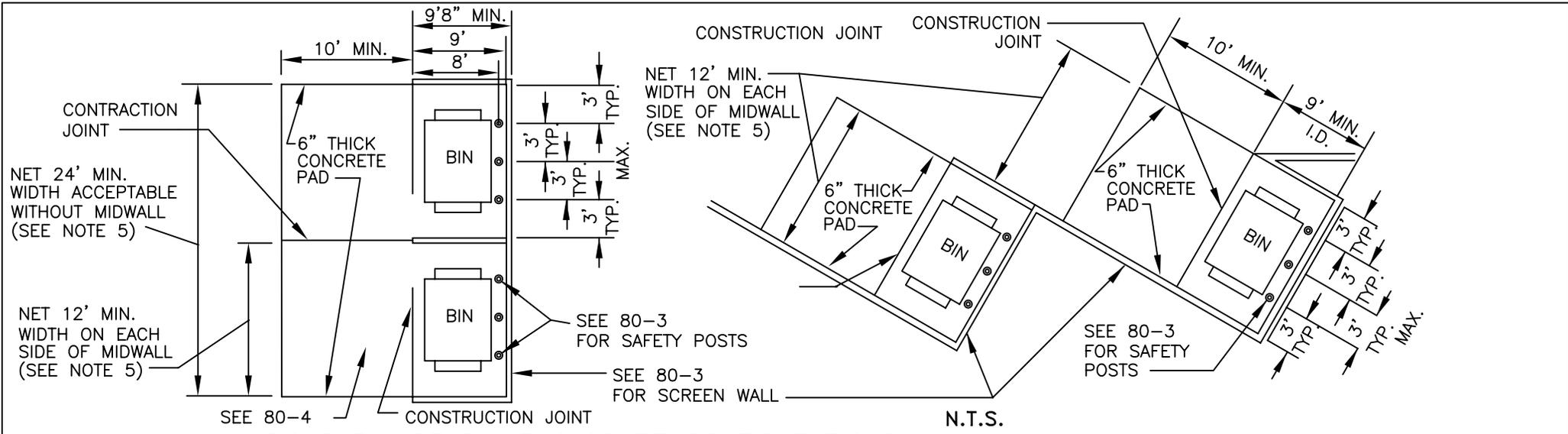
DETAIL NO.  
 80

TOWN OF GILBERT  
 STANDARD DETAIL

DRIVEWAY STANDARDS FOR REFUSE  
 TRUCKS AND DUMPSTER BIN  
 ENCLOSURE

REVISED 6/2005

DETAIL NO.  
 80

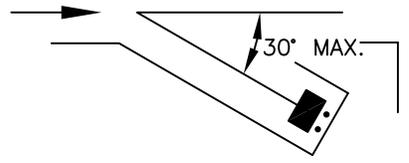


**DOUBLE WIDE BIN ENCLOSURE CONFIGURATIONS**

**NOTES**

- ALL COMMERCIAL PROPERTIES SHALL BE DESIGNED WITH ENCLOSURES TO ACCOMMODATE (1) REFUSE AND (1) RECYCLING ENCLOSURE FOR EVERY 20,000 SQUARE FEET OF BUILDING SPACE. RESTAURANTS WHICH ARE DESIGNED ON A SINGLE PAD SHALL HAVE A MINIMUM (1) REFUSE AND ONE 4' AREA FOR TALLOW BIN. THE ENCLOSURES CAN BE SET UP AS DOUBLES OR SINGLES TO MAXIMIZE THE USE OF THE PROPERTY.
- MULTI-UNIT RESIDENTIAL DEVELOPMENTS SHALL BE DESIGNED WITH EITHER SINGLE OR DOUBLE-WIDE ENCLOSURES FOR TRASH WITH ADJACENT 5 X 5 PAD FOR RECYCLING.
- COMPACTORS CAN BE USED IN DEVELOPMENTS WHERE THE EMPLOYEES LOAD AND ACTIVATE THE COMPACTING EQUIPMENT. DEVELOPMENTS THAT ALLOW CUSTOMERS OR RESIDENTS ACCESS TO THE COMPACTING EQUIPMENT WILL NOT BE APPROVED. MARICOPA COUNTY REGULATIONS REQUIRE TWICE PER WEEK COLLECTION IF FOOD WASTE IS PLACED INTO CONTAINERS.
- THE NUMBER OF BIN ENCLOSURES NEEDED DEPENDS ON THE SIZE OF THE DEVELOPMENT. TYPICALLY, TOTAL VOLUME NEEDS CAN BE CALCULATED BASED ON ONE HALF-CUBIC YARD PER LIVING UNIT PER WEEK. FOR EXAMPLE, A DEVELOPMENT WITH 240 UNITS X .5 YARDS = 120 YARDS PER WEEK OR 10 TRASH BINS (6 YARD) SERVICED TWO TIMES PER WEEK (10 X 6 X 2 = 120 YARDS).
- DOUBLE-WIDE BIN ENCLOSURES SHALL HAVE A NET ENCLOSURE OPENING OF 24 FEET WITHOUT MIDWALLS. ALTHOUGH NOT PREFERRED, DOUBLE WIDE BIN ENCLOSURES CAN BE DESIGNED WITH MIDWALLS WITH A NET ENCLOSURE OPENING OF 12 FEET ON EACH SIDE OF MIDWALL.
- GATES, HINGES, & MOUNTING HARDWARE SHALL BE INSTALLED SO THERE IS A MIN. 9 FOOT DEPTH CREATED WITHIN EACH ENCLOSURE. AND WITH 8 FOOT DEPTH FROM INSIDE EDGE OF BALLARD TO INSIDE EDGE OF GATE.
- GATES, HINGES, AND MOUNTING HARDWARE SHALL NOT INTRUDE UPON MINIMUM NET ENCLOSURE OPENING.
- BIN ENCLOSURES ARE TO BE ANGLED NO MORE THAN 30 DEGREES FROM THE CENTER LINE OF THE SOLID WASTE COLLECTION VEHICLE ROUTE.
- BINS THAT ARE VISIBLE FROM A PUBLIC ROADWAY SHALL HAVE ENCLOSURE GATES THAT SCREEN THE BINS FROM PUBLIC VIEW.
- BIN ENCLOSURES TO BE A MINIMUM OF 5 FEET FROM ANY PLANNED OR EXISTING STRUCTURE AT ITS CLOSEST POINT. (FIRE CODE)
- RESTAURANTS MUST PROVIDE AN ADDITIONAL 4 FOOT TALLOW AREA TO ACCOMODATE THEIR GREASE TRAP. THIS DESIGNATED AREA MUST NOT INTERFERE WITH THE TRASH/RECYCLING COLLECTION. IN DTL 80-5.
- SOLID WASTE ENCLOSURES MAY INCLUDE WATER CONNECTIONS & DRAINS TO FACILITATE CLEANING OF DUMPSTERS. THESE SHOULD BE LOCATED TO NOT IMPEDE THE ENCLOSURE OPENING (AND GATING IF REQUIRED). AND SHALL BE PROVIDED WITH A DRAIN CONNECTED TO THE SANITARY SEWER SYSTEM THORUGH A GREASE INTERCEPTOR. ADDITIONAL ITEMS SUCH AS LANDSCAPING CONTROL BOXES AND LIGHTING MAY BE POSITIONED ON THE OUTSIDE OF THE ENCLOSURE WALLS.

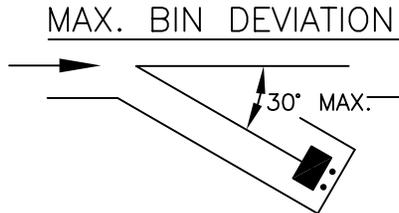
**MAX. BIN DEVIATION**



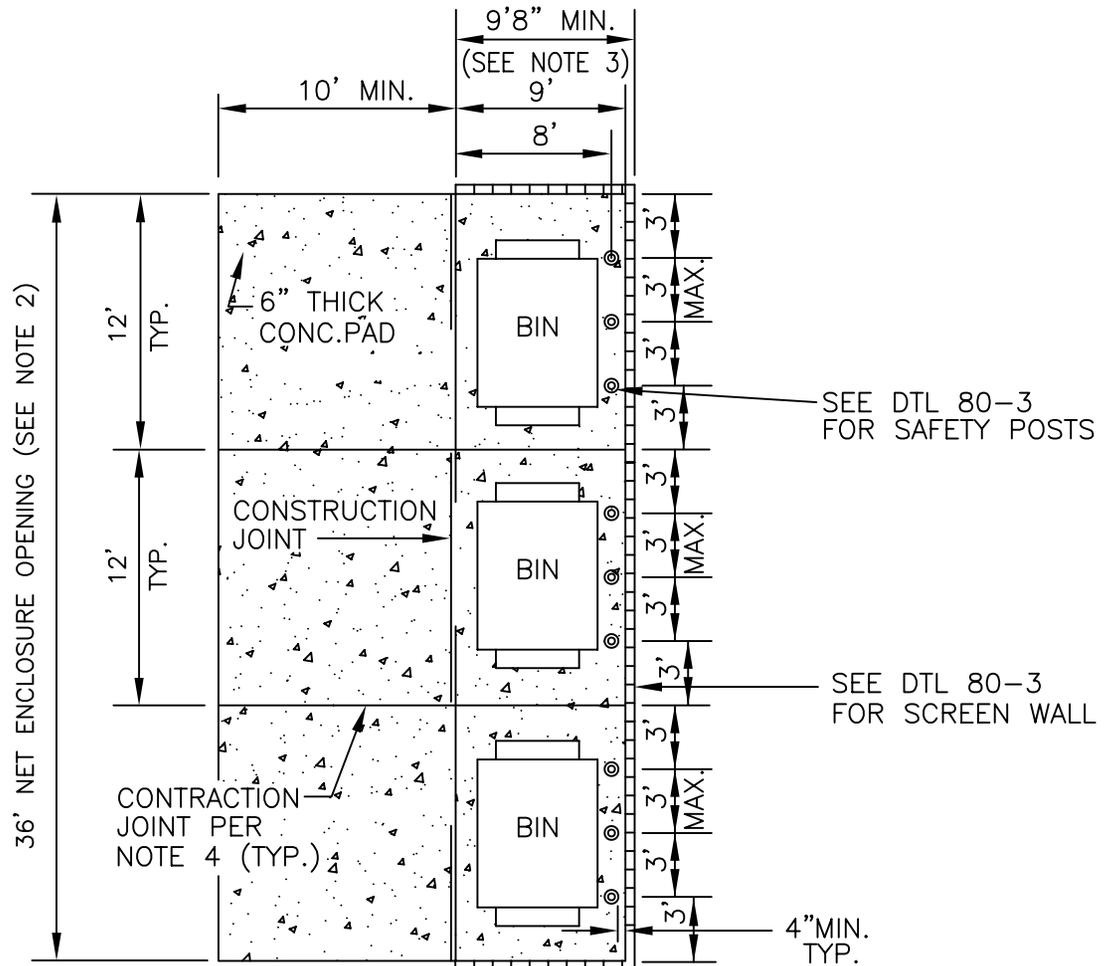
TOWN OF GILBERT  
STANDARD DETAIL

**DOUBLE-WIDE BIN ENCLOSURES**

DETAIL 80-1  
REVISED 6/2005



- NOTES**
1. MULTI-UNIT RESIDENTIAL DEVELOPMENTS SHALL BE DESIGNED WITH A TRIPLE-WIDE ENCLOSURE TO ACCOMMODATE THREE COMMODITIES FOR RECYCLING.
  2. TRIPLE-WIDE ENCLOSURES SHALL HAVE A NET ENCLOSURE OPENING OF 36 FEET AND SHALL BE DESIGNED WITHOUT MIDWALLS. GATES, HINGES, AND MOUNTING HARDWARE SHALL NOT INTRUDE UPON MINIMUM NET ENCLOSURE OPENING.
  3. GATES, HINGES, AND MOUNTING HARDWARE SHALL BE INSTALLED SO THERE IS A MINIMUM 9 FOOT DEPTH CREATED WITHIN EACH ENCLOSURE.
  4. BIN ENCLOSURES ARE TO BE ANGLED NO MORE THAN 30 DEGREES FROM THE CENTER LINE OF THE SOLID WASTE COLLECTION VEHICLE ROUTE.
  5. CONTRACTION JOINTS MAY BE EITHER SCORED OR SAWCUT 1-INCH DEEP.



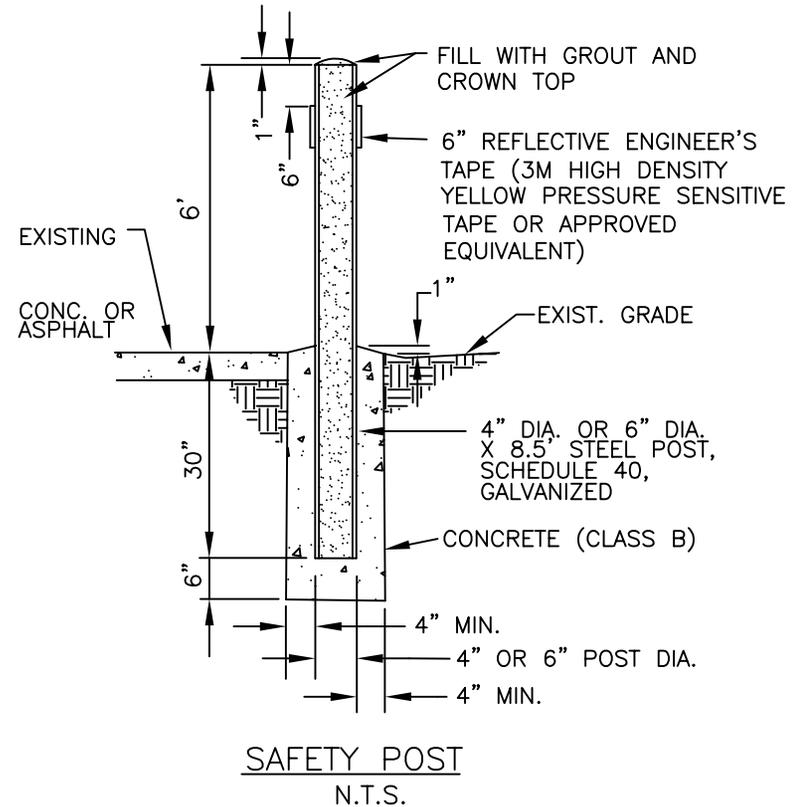
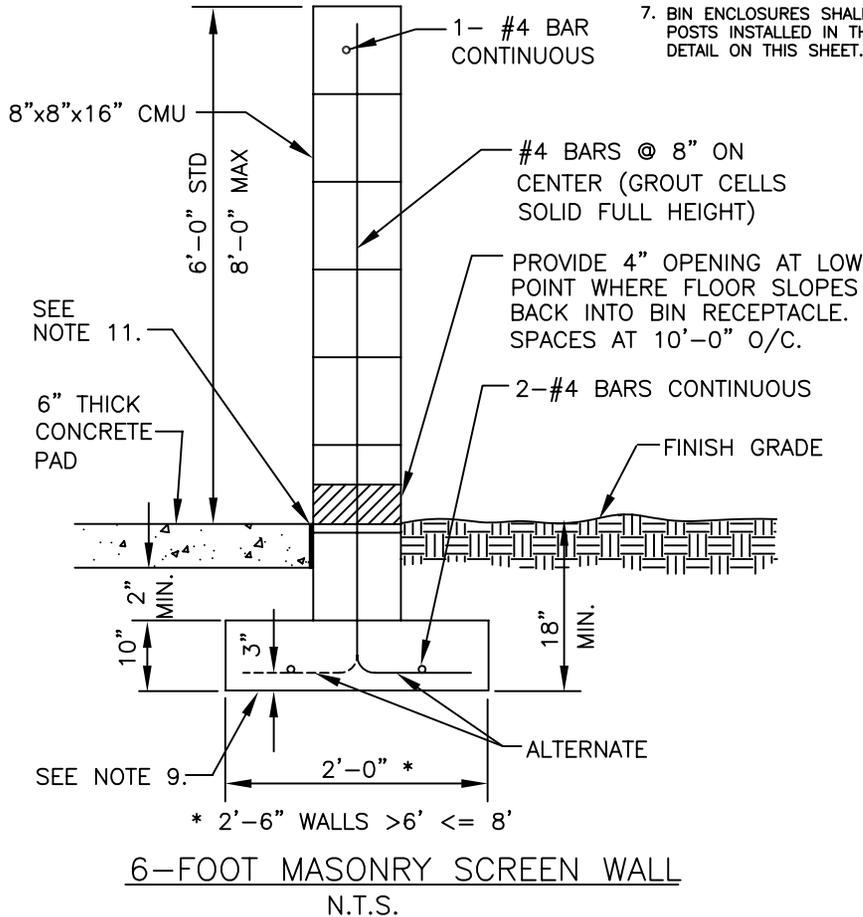
TRIPLE-WIDE BIN ENCLOSURE  
N.T.S.

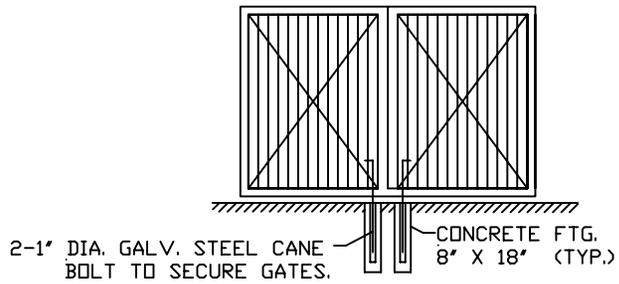
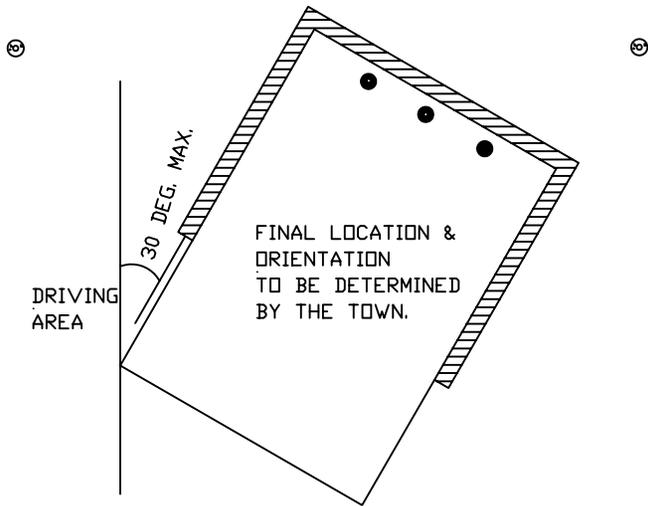
**NOTES**

- TRASH AND RECYCLING BIN(S) SHALL BE SCREENED BY AN ENCLOSURE TALL ENOUGH TO CONCEAL FULL HEIGHT OF BIN(S). SCREEN WALL MINIMUM SIX FOOT (6') PER DETAIL ON THIS SHEET.
- BIN ENCLOSURE TO BE A MINIMUM OF 5 FEET FROM ANY PLANNED OR EXISTING STRUCTURE AT ITS CLOSEST POINT.
- BINS THAT ARE VISIBLE FROM A PUBLIC ROADWAY SHALL HAVE ENCLOSURE GATES THAT SCREEN THE BINS FROM PUBLIC VIEW.

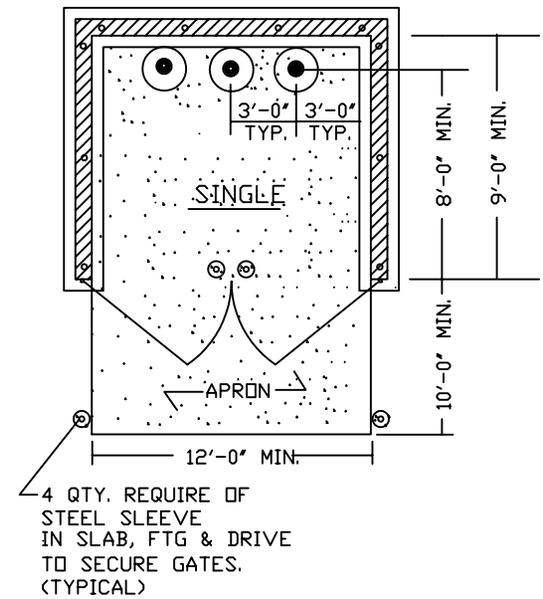
- GATES SHALL BE INSTALLED SO THERE IS A NET BIN ENCLOSURE OPENING OF 12 FEET PER BIN. GATES, HINGES, AND MOUNTING HARDWARE SHALL NOT INTRUDE UPON MINIMUM NET ENCLOSURE OPENING.
- GATES, HINGES, AND MOUNTING HARDWARE SHALL BE INSTALLED SO THERE IS A MINIMUM 9 FOOT DEPTH CREATED WITHIN EACH ENCLOSURE.
- EACH ENCLOSURE GATE SHALL HAVE DROP PINS INSTALLED AND HOLES DRILLED IN THE CONCRETE AT BOTH THE OPEN AND CLOSED POSITIONS TO PREVENT GATES FROM CLOSING INTO THE COLLECTION VEHICLE.
- BIN ENCLOSURES SHALL HAVE (3) 6" DIAMETER STEEL SAFETY POSTS INSTALLED IN THE BACK OF THE ENCLOSURE ONLY PER DETAIL ON THIS SHEET.

- SAFETY POSTS SHALL HAVE A HEIGHT OF 6 FEET OR BE EQUAL TO THE HEIGHT OF THE BACK SCREEN WALL OF THE ENCLOSURE. SAFETY POSTS SHALL BE PLACED A MINIMUM OF 4" FROM THE WALL.
- USE CLASS "A" CONCRETE AS PER SECTION 725 EXCEPT AS NOTED IN SAFETY POST DETAIL ON THIS SHEET.
- STEEL REINFORCEMENT SHALL BE GRADE 40.
- EXPANSION JOINT FILLER SHALL BE 1/2" BITUMINOUS TYPE PREFORMED EXPANSION JOINT FILLER ASTM D-1751.
- EXTERIOR FINISH OF SCREEN WALLS SHALL BE COORDINATED ARCHITECTURALLY WITH PRIMARY BUILDING FINISHES.
- SOIL BELOW THE WALL FOOTER AND CONCRETE PAD SHALL BE COMPACTED TO A DEPTH OF 6 INCHES AND TO A MINIMUM DRY DENSITY OF 90% IN ACCORDANCE WITH ASTM D-2922 AND D-3017, AFTER ADJUSTMENT FOR ROCK CORRECTION.



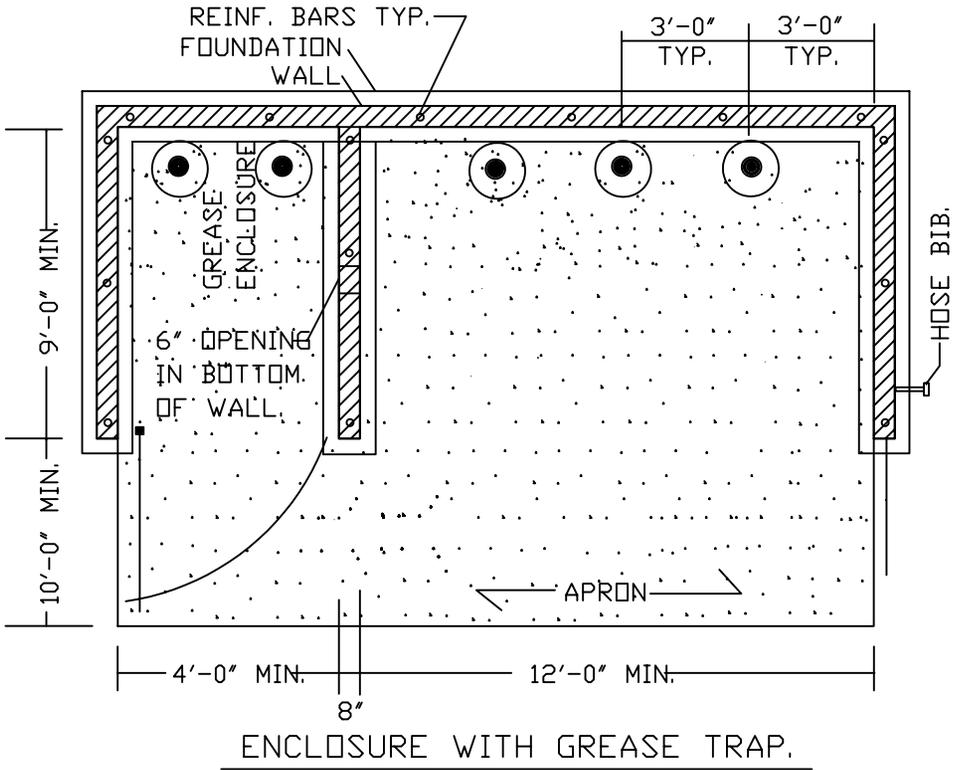


- 1) GATES SHALL BE FULL HEIGHT OF SCREEN WALLS.
- 2) GATES SHALL BE DESIGNED TO FULLY SCREEN ENCLOSED BIN(S). OPEN MESH OR RAIL DESIGNS ARE NOT PERMITTED.



NOTES:

1) WHERE CONNECTIONS TO SANITARY SEWER ARE PROVIDED THE DRAINAGE SYSTEM SHALL BE CONNECTED TO GREASE INTERCEPTOR.



NOTES:

- 1) WHERE A COMPACTOR IS INSTALLED THAT PRODUCES LIQUID WASTE DRAINAGE A RECEPTOR CONNECTED TO THE SANITARY SEWER SHALL BE PROVIDED. THE DRAINAGE PIPING SHALL BE CONNECTED TO A GREASE INTERCEPTOR.

