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Critical Thinking • Creative Design

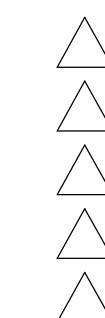
Architecture Planning  
Landscape Architecture  
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Phoenix, AZ 85018  
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www.toddassoc.com

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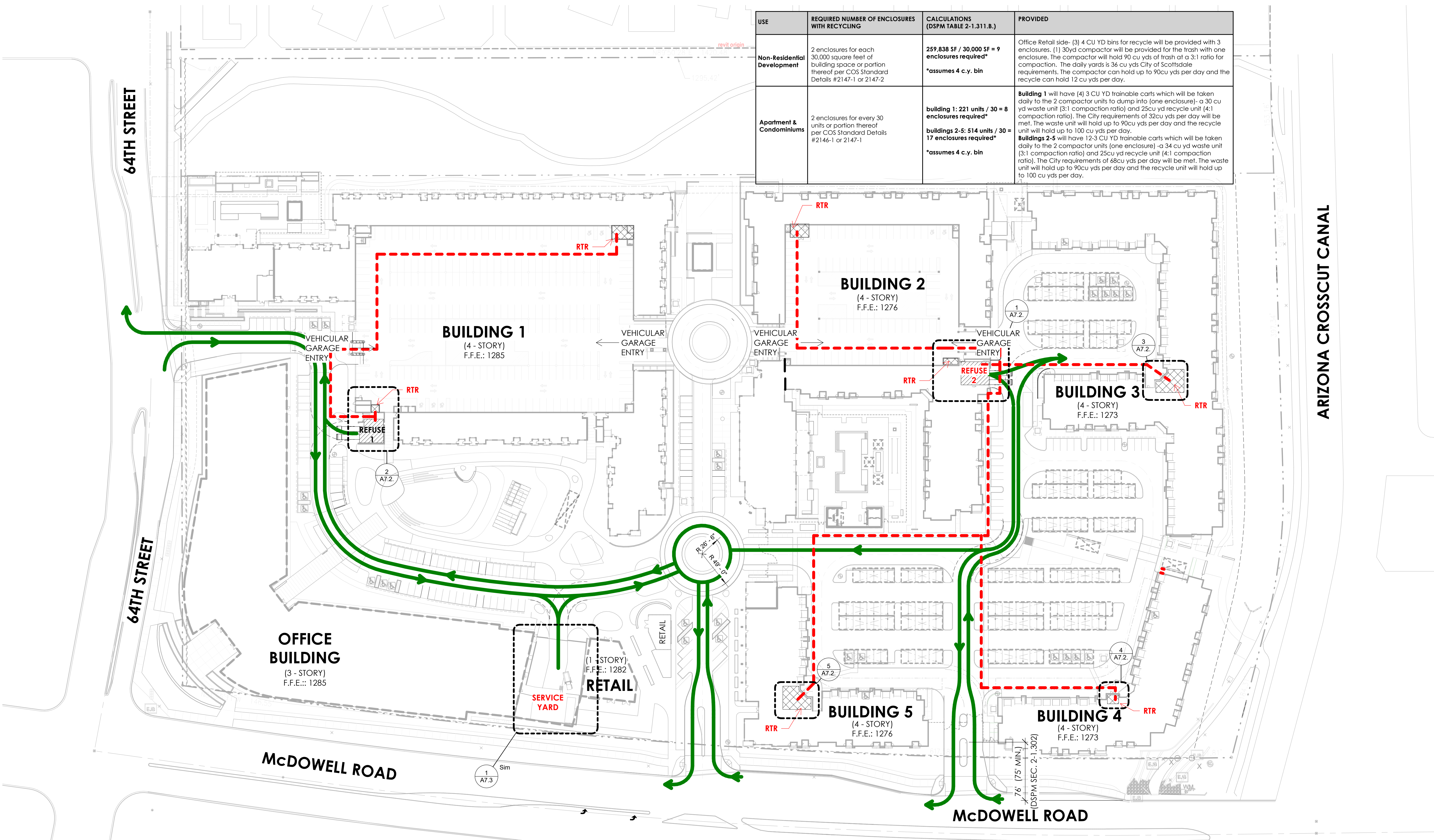
**DATA** 12.20.19

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Dwn By: Author

Rev. Date: Description:

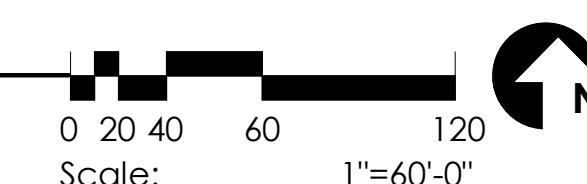


USE	REQUIRED NUMBER OF ENCLOSURES WITH RECYCLING	CALCULATIONS (DSPM TABLE 2-1.311.B.)	PROVIDED
Non-Residential Development	2 enclosures for each 30,000 square feet of building space or portion thereof per COS Standard Details #2147-1 or 2147-2	259,838 SF / 30,000 SF = 9 enclosures required* *assumes 4 c.y. bin	Office Retail side- (3) 4 CU YD bins for recycle will be provided with 3 enclosures. (1) 30yd compactor will be provided for the trash with one enclosure. The compactor will hold 90 cu yds of trash at a 3:1 ratio for compaction. The daily yards is 36 cu yds City of Scottsdale requirements. The compactor can hold up to 90cu yds per day and the recycle can hold 12 cu yds per day.
Apartment & Condominiums	2 enclosures for every 30 units or portion thereof per COS Standard Details #2146-1 or 2147-1	building 1: 221 units / 30 = 8 enclosures required* buildings 2-5: 514 units / 30 = 17 enclosures required* *assumes 4 c.y. bin	Building 1 will have (4) 3 CU YD trainable carts which will be taken daily to the 2 compactor units to dump into (one enclosure)- a 30 cu yd waste unit (3:1 compaction ratio) and 25cu yd recycle unit (4:1 compaction ratio). The City requirements of 32cu yds per day will be met. The waste unit will hold up to 90cu yds per day and the recycle unit will hold up to 100 cu yds per day. Buildings 2-5 will have 12-3 CU YD trainable carts which will be taken daily to the 2 compactor units (one enclosure)- a 34 cu yd waste unit (3:1 compaction ratio) and 25cu yd recycle unit (4:1 compaction ratio). The City requirements of 68cu yds per day will be met. The waste unit will hold up to 90cu yds per day and the recycle unit will hold up to 100 cu yds per day.

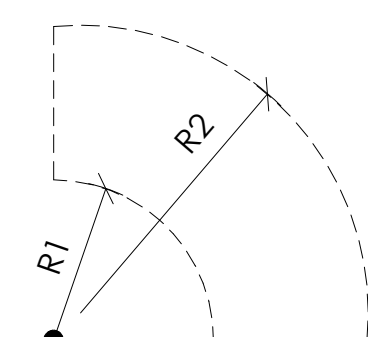


**DRB\_REFUSE PLAN**

1" = 60'-0"

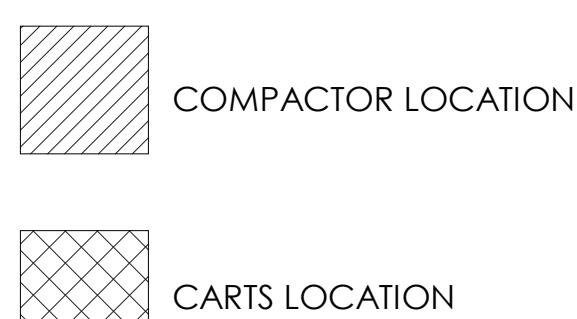


**SYMBOLS**



**CITY OF SCOTTSDALE REFUSE TRUCK RADIUS DETAIL**  
R1 = MIN. 25'-0" INSIDE RADIUS AT COMMERCIAL USES.  
R2 = MIN. 45'-0" OUTSIDE RADIUS AT COMMERCIAL USES.

REFUSE / RECYCLABLE TRUCK ROUTE  
 REFUSE / RECYCLABLES COLLECTION ROUTE



**RTR** REFUSE TERMINATION ROOM

**REFUSE COLLECTION NARRATIVE**

**TYPICAL REFUSE COLLECTION PROCEDURE**

ALL FIVE RESIDENTIAL BUILDINGS AS WELL AS THE OFFICE AND RETAIL WILL BE SERVED BY COMPACTORS. BOTH REFUSE AND RECYCLING COLLECTION WILL BE PROVIDED. BUILDINGS 1 & 2 WILL HOUSE THE COMPACTORS FOR THE RESIDENTIAL BUILDINGS WHILE THE OFFICE AND RETAIL BUILDINGS WILL BE SERVED BY A COMPACTOR IN THE SERVICE YARD. COLLECTION WILL BE PRIVATE WITH COMPACTOR CONTAINER REPLACEMENTS OCCURRING 2-3 TIMES A WEEK.

**RESIDENTIAL:**

- 'REFUSE VALET' SERVICES WILL BE PROVIDED AS AN AMENITY TO THE RESIDENTS.
- 'REFUSE VALET' SERVICES CONSIST OF PERSONNEL THAT WILL COLLECT TRASH AND RECYCLE FROM THE RESIDENTIAL ENTRY DOOR DAILY (MONDAY THROUGH FRIDAY). THE REFUSE AND RECYCLE IS THEN DISPOSED INTO TRASH AND RECYCLE CHUTES AT EACH FLOOR. ON WEEKENDS AND HOLIDAYS THE RESIDENTS HAVE ACCESS AS NEEDED TO THE TRASH AND RECYCLE CHUTES AT EACH FLOOR.
- PROPERTY MAINTENANCE PERSONNEL WILL USE A TOW COLLECTION SYSTEM AND CART EACH TRASH BIN AT EACH BUILDING TO THE COMPACTORS. SPARE BINS WILL BE PROVIDED DURING THIS TIME SO SERVICE ISN'T INTERRUPTED.

**OFFICE / RETAIL:**

CUSTODIAL AND RETAIL STAFF WILL COLLECT REFUSE AND DISCARD INTO COMPACTOR IN THE SERVICE YARD.

**EQUIPMENT**



PROPERTY WORK CART



TOWABLE / TRANABLE BIN

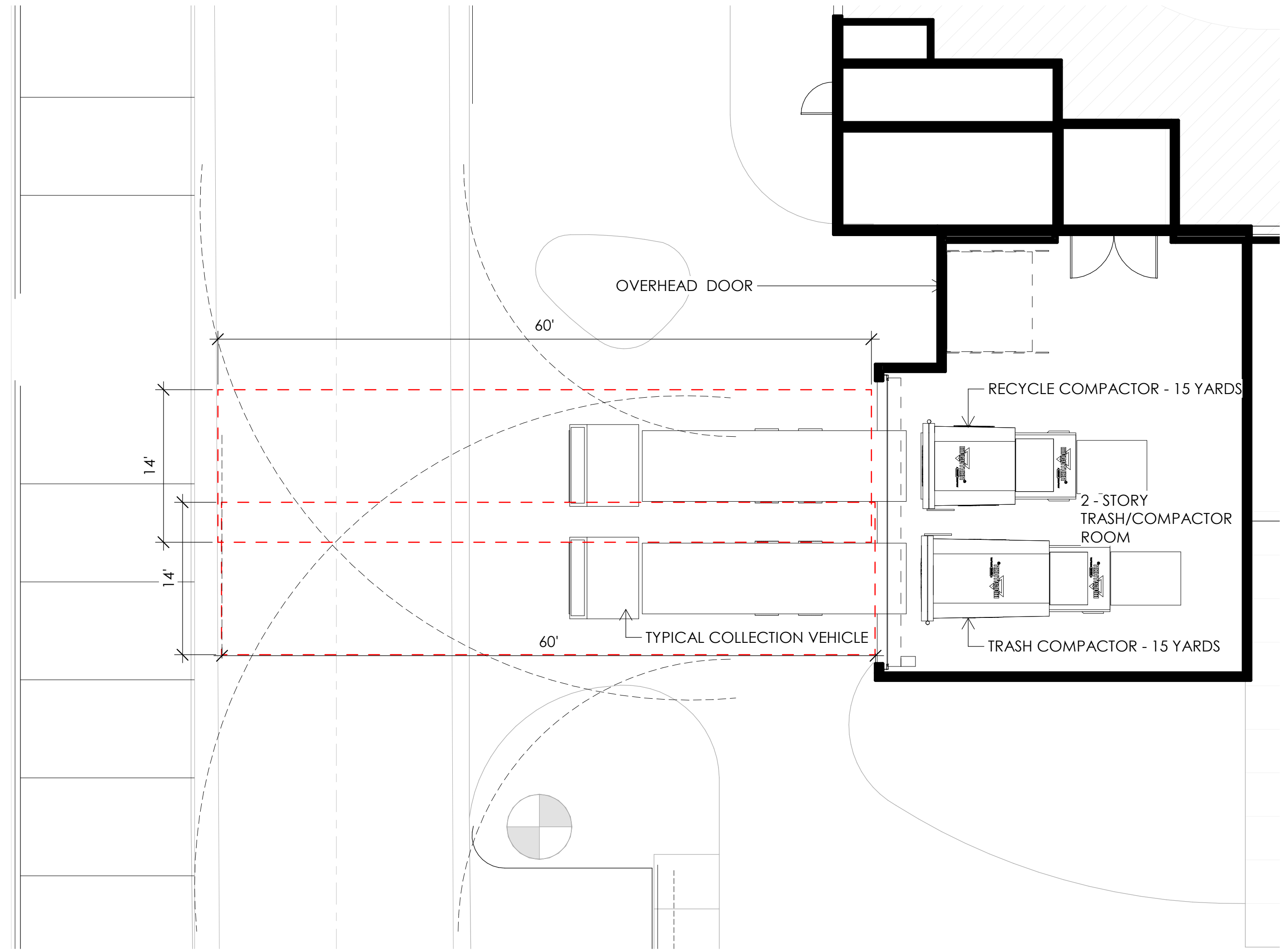


REFUSE CHUTE COMPACTORS W/TIPPER  
25 YD FOR TRASH  
15 YD FOR RECYCLABLE

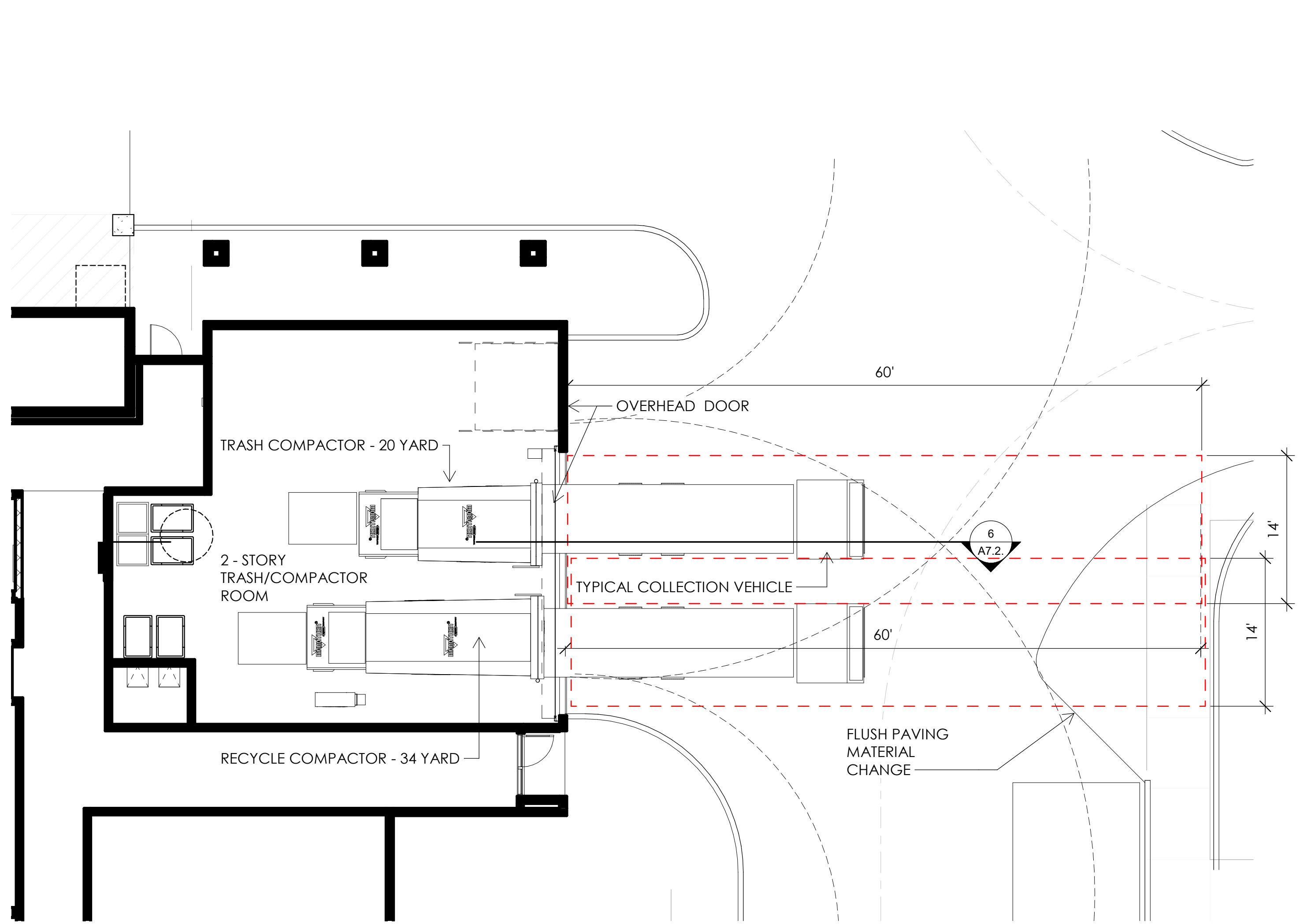
DESIGN REVIEW  
2nd DRB SUBMITTAL

REFUSE PLAN

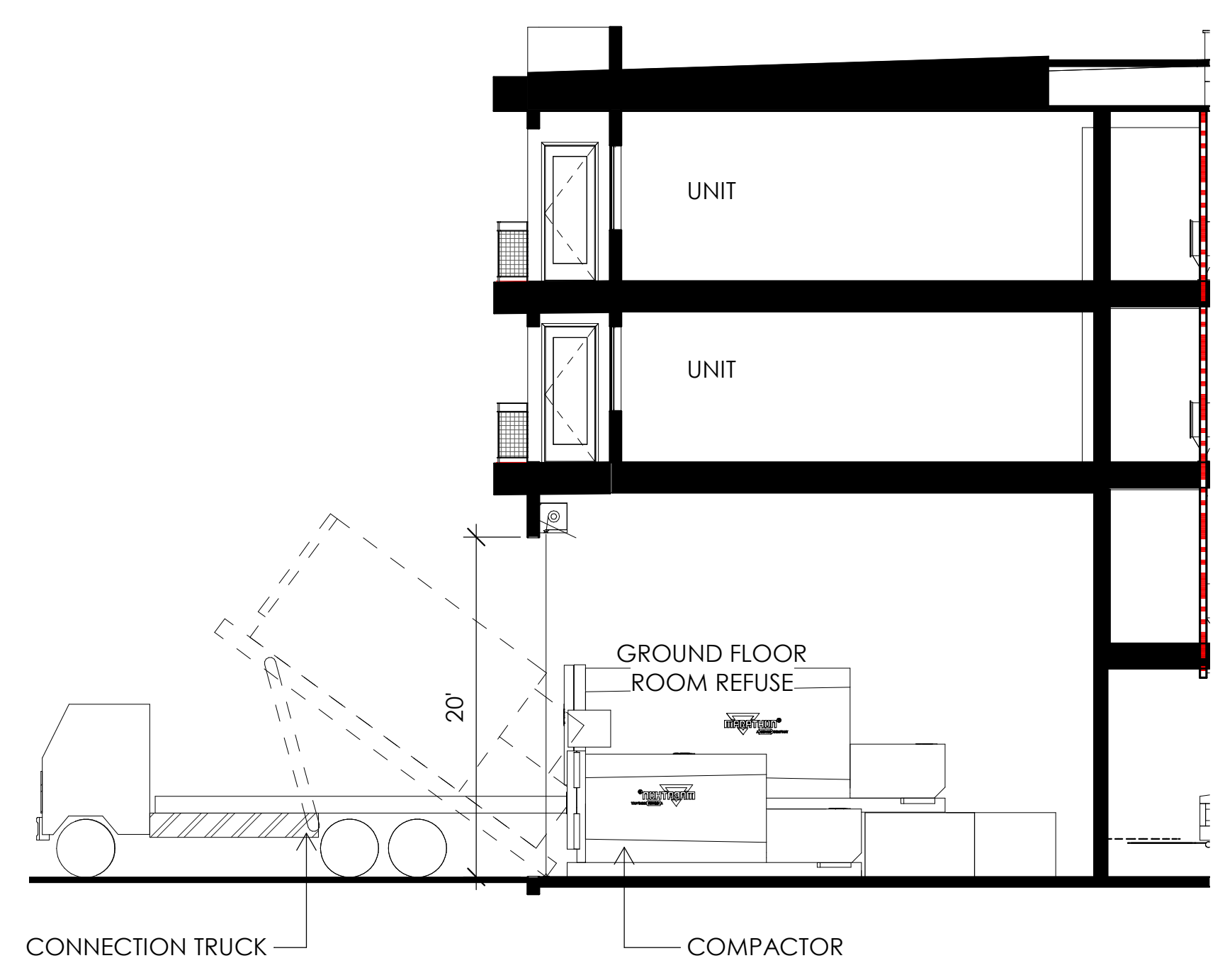
**A7.1**



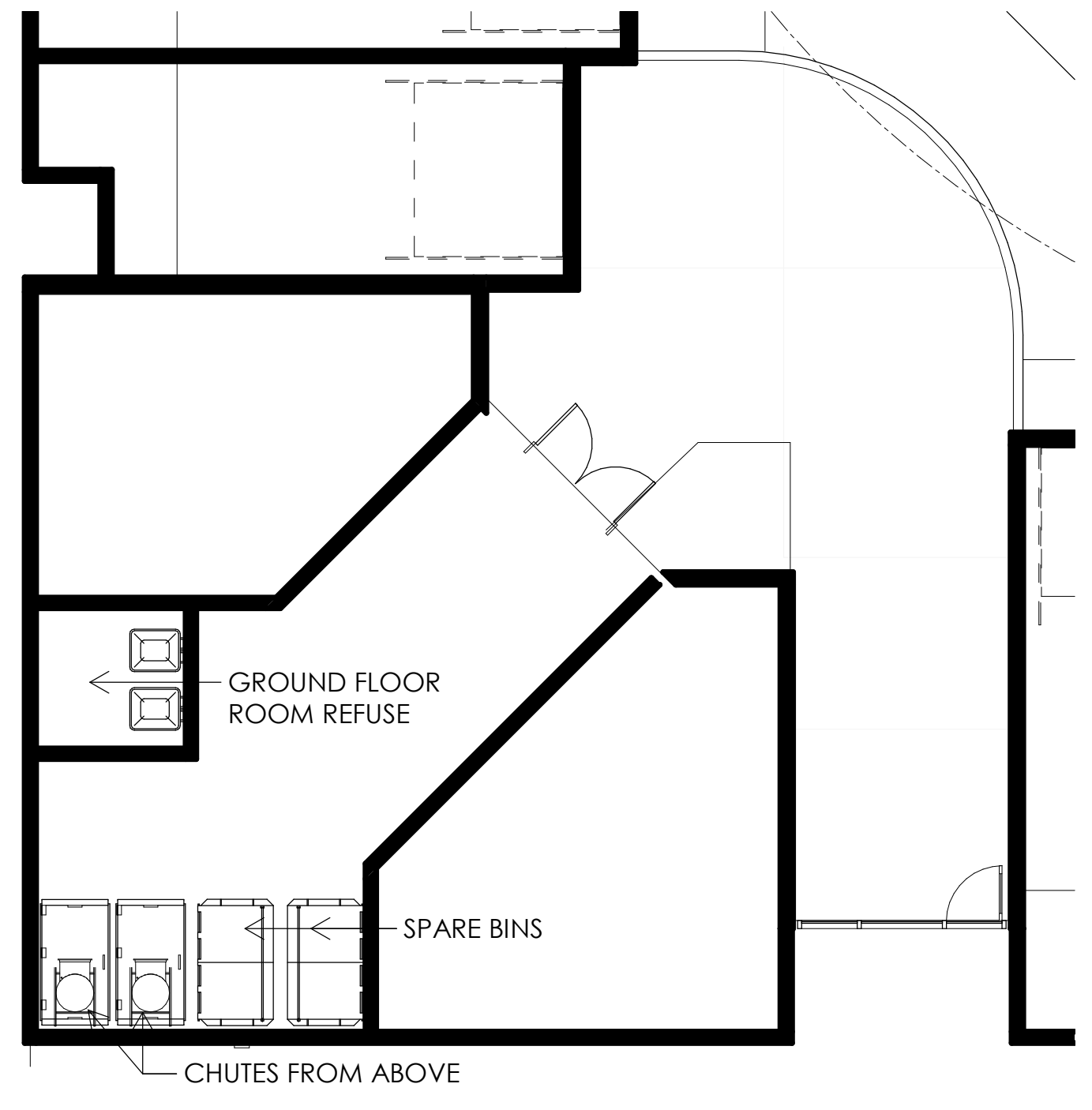
2 BUILDING 1 - REFUSE ROOM  
 1/8" = 1'-0"



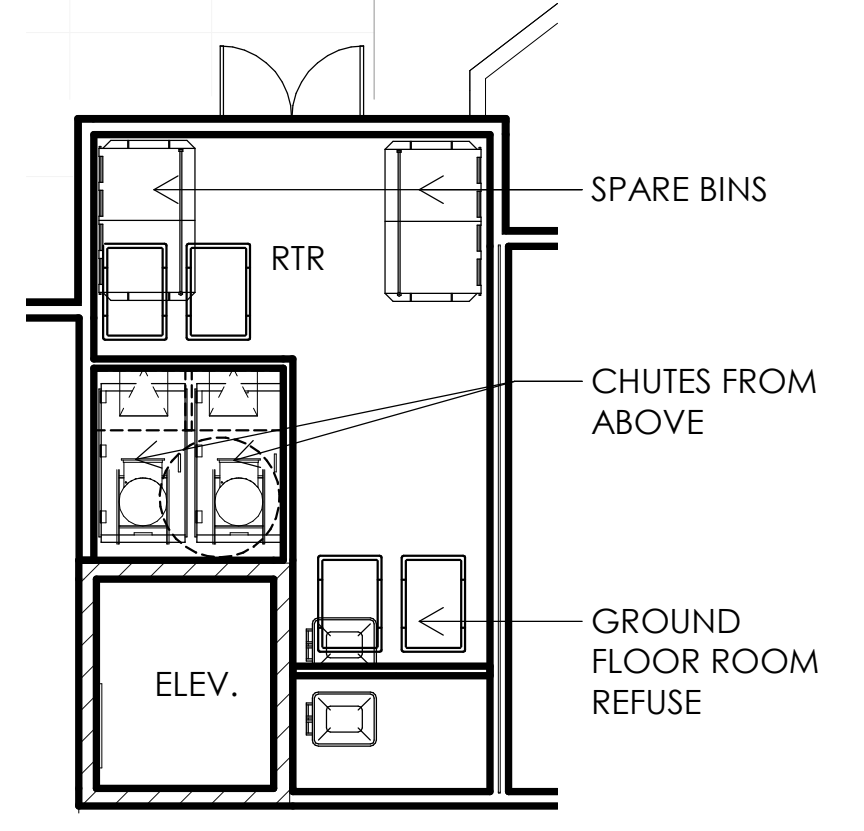
1 BUILDING 2 - REFUSE ROOM  
 1/8" = 1'-0"



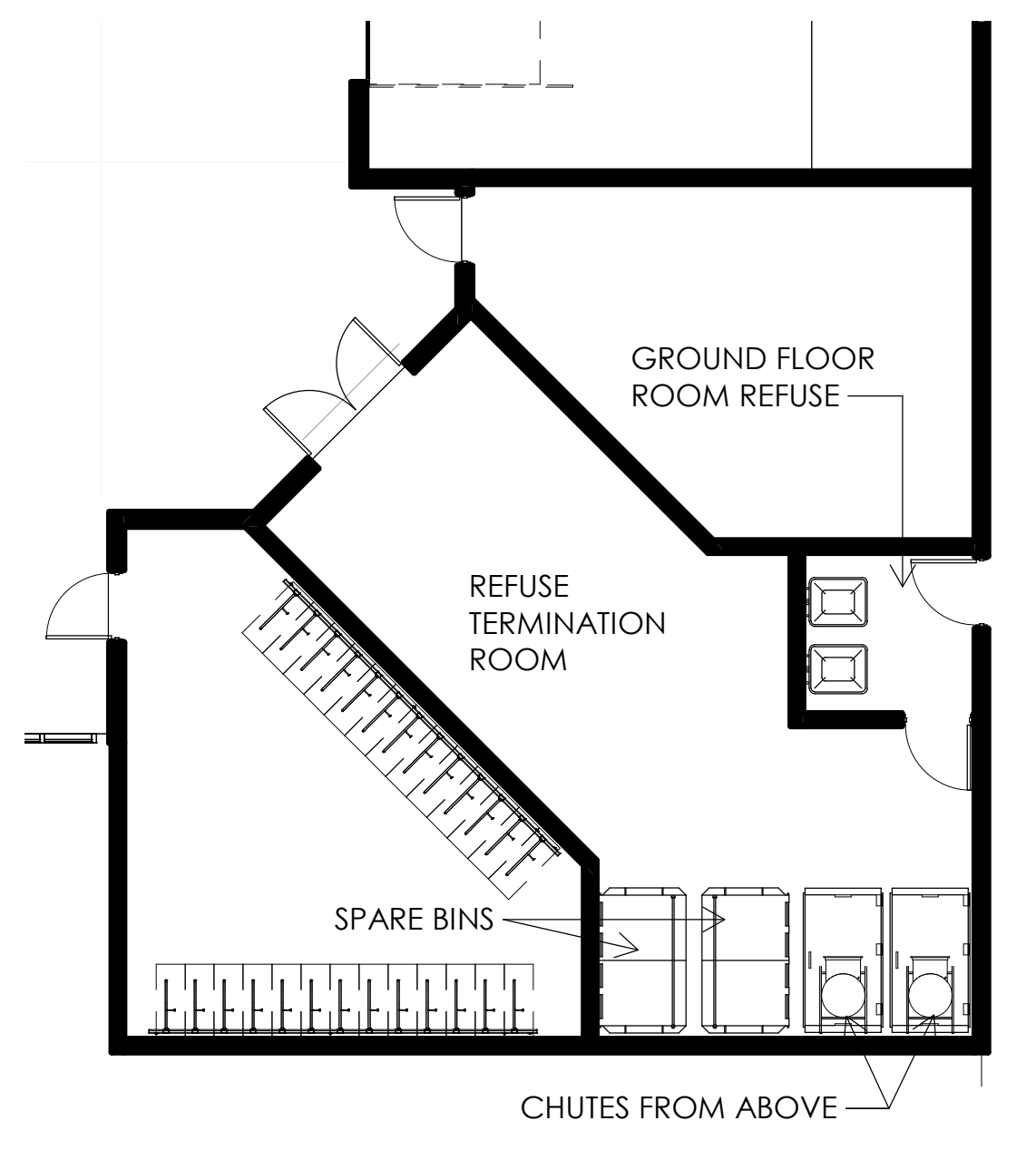
6 COMPACTOR SECTION  
 1/8" = 1'-0"



5 BUILDING 5 - REFUSE/TERMINATION ROOM  
 1/8" = 1'-0"



4 BUILDING 4 - REFUSE/TERMINATION ROOM  
 1/8" = 1'-0"



3 BUILDING 3 - REFUSE/TERMINATION ROOM  
 1/8" = 1'-0"

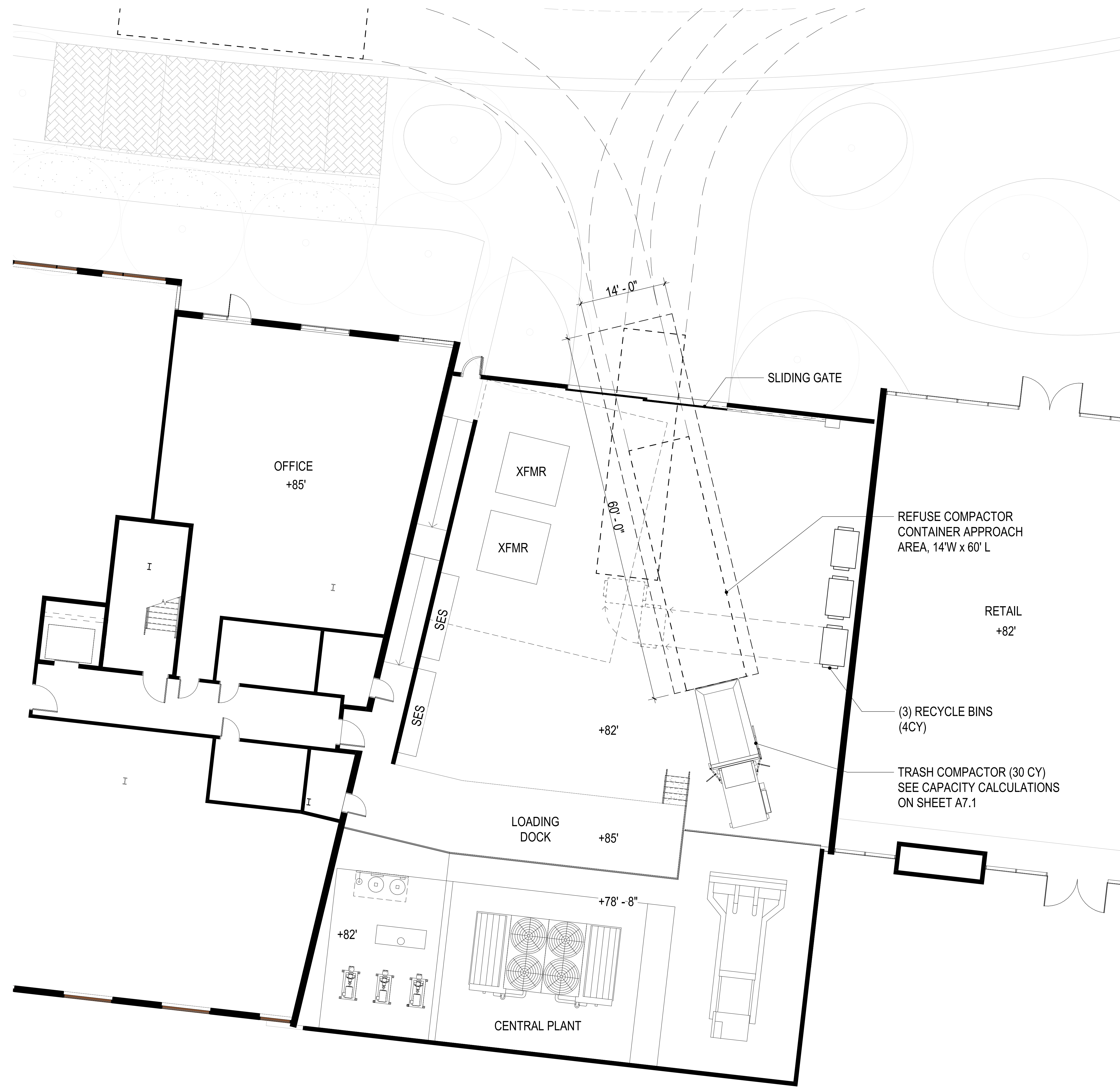
DATA

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DESIGN REVIEW  
 2nd DRB SUBMITTAL

REFUSE  
 COMPACTOR PLAN  
 & DETAILS  
**A7.2**



PROJECT NO. 11595.000  
**SCOTTSDALE ENTRADA**  
 McDowell Rd. & 64th St.  
 Scottsdale, Arizona

CLIENT **Bridge Banyan**  
 Qualified Opportunity  
 Zone Business I, LLC.  
 2411 3rd St. Unit E  
 Santa Monica, CA 90405



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DATA 12.20.2019

Proj Mgr: CL  
 Dwn By: TY

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DESIGN REVIEW  
 2nd DRB SUBMITTAL

REFUSE  
 COMPACTOR PLAN

**A 7.3**

1 REFUSE PLAN AT SERVICE YARD  
 SCALE: 1/8" = 1'-0"

