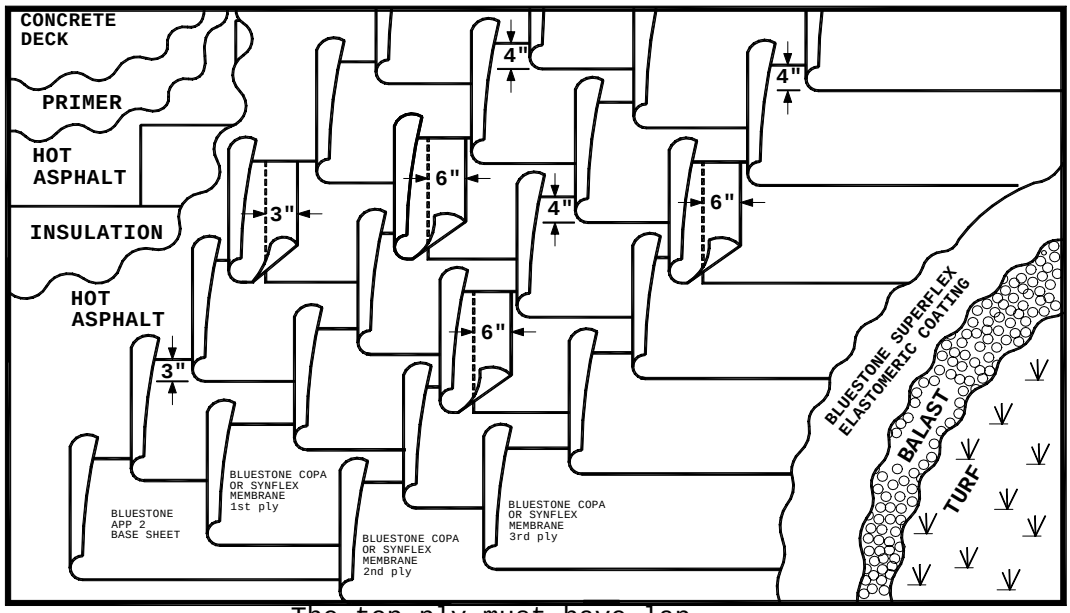
NON-NAILABLE DECK
WITH INSULATION



The top ply must have lap
in center of the underlying ply

1. TYPE OF DECK:
   Poured in place structural concrete precast concrete.

2. MATERIALS:

Asphalt primer. ASTM D41 or equal	OPTIONAL
Asphalt ASTM D312 Type II or Type III	OPTIONAL
Acceptable insulation	OPTIONAL
BLUESTONE APP 2 base sheet	OPTIONAL
BLUESTONE COPA 4 membrane (Co Polymer Alloy)	
BLUESTONE SYNFLEX 4 membrane (SYNthetic FLEXene)	
BLUESTONE SUPERFLEX ELASTOMERIC COATING	OPTIONAL
2 to 3 inch stone	
Loam and grass seeds	

3. ROOF DECK:
   Prime the roof deck and any vertical surfaces with asphalt primer at a rate of no less than 1/2 gallon per 100 square feet and allow to dry.

4. ATTACHMENT WITH HOT ASPHALT: **OPTIONAL** * THE BALLAST AND LOAM WILL WEIGH APPROXIMATELY 20 LBS. PER SQUARE FOOT AND ADEQUATELY ANCHOR THE ROOFING SYSTEM:
   Install insulation and base sheet starting at the low point of the roof deck. Solid mop the primed concrete deck with Type II or Type III asphalt at a rate of 25 to 30 lbs. per 100 sq. ft. and set insulation in the asphalt while hot. Insulation joints are to be staggered and applied perpendicular to the roof deck slope. Over the insulation, solid mop the base sheet using Type II or Type III asphalt at a rate of 25 to 30 lbs. per 100 sq. ft. Base sheet shall be lapped 2" on the sides and 4" on the end and extend 2" past the cant or 2" up the vertical wall.
   NOTE: Contact each roof insulation manufacturer for attachment specifications and compatibility with asphalt.

5. MEMBRANE INSTALLATION:
   Starting at the low point of the roof deck, fully adhere one layer of BLUESTONE COPA or SYNFLEX 4 membrane over the entire surface of the roof, making sure to stagger all of the end laps a minimum of 6'. Side laps must be 4" and end laps 6". Repeat this procedure twice more, conforming to the above diagram. All side laps must be centered on the previously installed ply and all end laps must be staggered a minimum of 2' from the previously installed ply.

6. MEMBRANE PROTECTION:
   The new roof will be coated with BLUESTONE SUPERFLEX ELASTOMERIC COATING at a minimum rate of 10 gals. per 100 sq. ft. and covered with 2 to 3 inch stone at a rate of approximately 10 lbs. per ft. Allow to cure for one year.

7. TURF INSTALLATION:
   Once the roof has cured for a year, cover the roof with loam to whatever thickness is desired and immediately seed the loam.