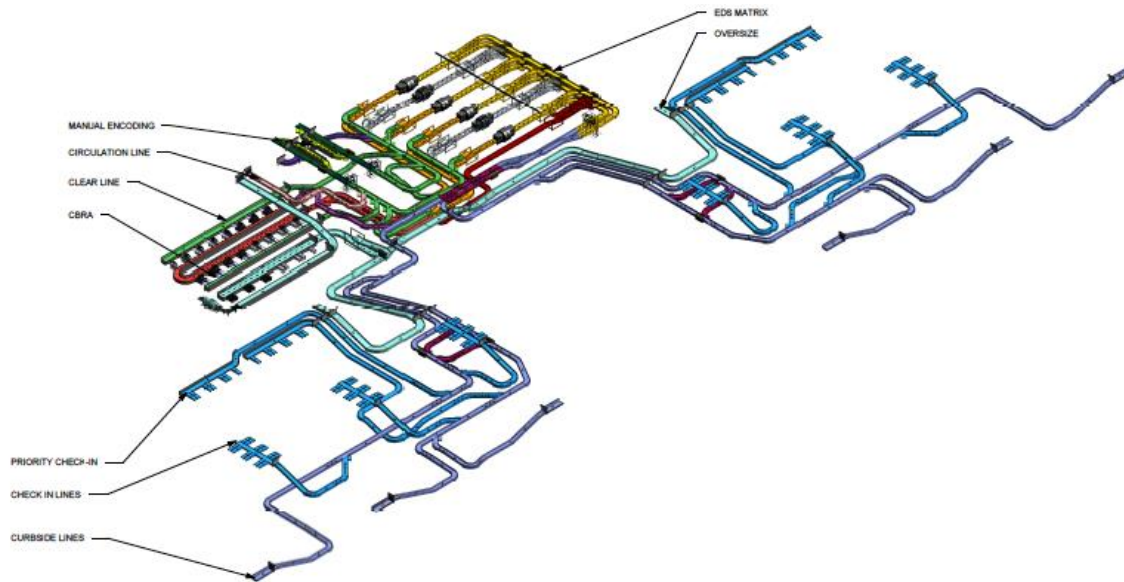


NEWARK LIBERTY INTERNATIONAL AIRPORT (EWR) NEW TERMINAL 1 – OUTBOUND AND INBOUND BHS



OWNER:
THE PANY&NJ

BNP PRINCIPAL IN CHARGE:
STEVE LAPORTA

BNP PROJECT DIRECTOR:
MICHELLE BROWN-DALY

LOCATION:
NEWARK, NJ

PROJECT STATUS:
IN DESIGN

REFERENCE:
ANTON NELSON, PE
PROJECT MANAGER
STV
1037 RAYMOND BLVD,
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SCOPE OF SERVICES:
CONCEPTUAL DESIGN
DESIGN DEVELOPMENT
CONTRACT DOCUMENTS

BNP was retained by STV to provide design services for the Inbound and Outbound Baggage Handling System of EWR Terminal 1.

The new outbound Baggage Handling System for Terminal 1 consists of 6 ticket counter subsystems, 6 curbside subsystems and a CBIS and CBRA configuration of up to 6 Inline CTX 9800's. The state of the art outbound sortation system is a fully redundant system with the capacity of sorting to up to 13 make-up devices.

Provisions for automated transfer induction subsystems both upstream and downstream of Screening have been accommodated as well as two dedicated Oversize Subsystems with a dedicated screening area.

The Inbound BHS includes 6 remote fed incline plate claim devices and an automated Inbound Oversize subsystem.

The BHS design incorporates the latest TSA Planning Guidelines & Design Standards.