



ARCO
CONSTRUCTION
THE DESIGN|BUILD PEOPLE

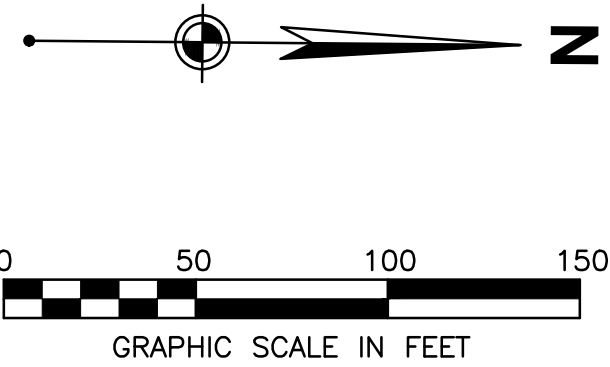
CINCINNATI / NORTHERN KENTUCKY INTERNATIONAL AIRPORT
2838 BARKLEY DRIVE, HEBRON, BOONE COUNTY, KENTUCKY 41048
CVG CARGO FACILITY PHASE 1

ISSUE DATE

1	10/11/18
	30% PROGRESS SET
2	10/25/18
	60% PROGRESS SET
3	11/30/18
	90% PROGRESS SET

RAWN: CHECKED:

C400



- ① CONNECT TO EXISTING WATER MAIN.
- ② CONNECT TO EXISTING STRUCTURE.
- ③ WATER AND SEWER CROSSING, SEE DETAIL.
- ④ SEWER CLEANOUT, SEE DETAIL.
- ⑤ SANITARY LATERAL, SEE DETAIL.
- ⑥ EXISTING FIRE HYDRANT
- ⑦ FIRE HYDRANT, SEE DETAIL.
- ⑧ OIL SEPARATOR, SEE DETAIL.
- ⑨ CAP PIPE FOR FUTURE USE.
- ⑩ REMOTE FIRE DEPARTMENT CONNECTION WITH 5" STORZ CONNECTION.
- ⑪ TRENCH DRAIN, SEE NOTE 3.
- ⑫ GENERATOR WITH SUB-BASE FUEL TANK, SEE MEP PLANS.
- ⑬ TRANSFORMER, SEE ELECTRICAL PLANS.
- ⑭ LIGHT POLE, SEE ELECTRICAL PLANS.
- ⑮ CONNECT TO THE EXISTING GAS SERVICE TAP.
- ⑯ DOMESTIC METER CROCK.
- ⑰ ROOF DRAIN, SEE MEP PLANS

	PROPOSED STORM SEWER
	PROPOSED SANITARY SEWER
	PROPOSED SAN. SEWER LATERAL
	PROPOSED WATER
	PROPOSED UNDERGROUND ELECTRIC
	PROPOSED GAS
	PROPOSED TELEPHONE
	PROPOSED FIRE PROTECTION SERVICE
	PROPOSED WATER VALVE
	PROPOSED FIRE HYDRANT
	TEMPORARY BLOW-OFF VALVE OR FLUSHING HYDRANT
	PROPOSED INLET
	PROPOSED CURB INLET
	PROPOSED MANHOLE
	PROPOSED FLARED END SECTION
	STORM STRUCTURE #
	SANITARY STRUCTURE #

1. ALL PROPOSED UTILITIES SHALL BE UNDERGROUND.
2. CONTRACTOR TO USE CAUTION WHEN INSTALLING FIRE HYDRANTS NEAR EXISTING LIGHT POLE ELECTRIC AND COMMUNICATION LINES. ANY DAMAGE TO EXISTING UTILITIES TO REMAIN SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
3. TRENCH DRAIN TO BE ACO DRAIN, MODEL S200K, 8" WIDE, OR APPROVED EQUAL.

DESIGN PARAMETERS:
 RUNOFF COEFFICIENT: 0.87
 $T_c = 6$ MINUTES

DESIGN STORM: 10YR
 INTENSITY: 6.45 IN/HR

HYDRAULIC GRADE LINE CHECK FOR 25YR
 DESIGN STORM
 NO PONDING ALLOWED.
 INTENSITY: 7.40 IN/HR