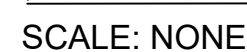




1. LOCATE JUNCTION BOX WITHIN 4' OF FURNITURE CONNECTION.
2. JUNCTION BOX WILL HOMERUN ALL CIRCUITS. 12 AWG FACILITY WIRING UNLESS NOTED OTHERWISE.
3. ALL FURNITURE IS CONFIGURED FOR 8 WIRE SYSTEM. 3 SINGLE, 20AMP CIRCUITS (PHASE, NEUTRAL AND GROUND) WITH 1 EXTRA ISOLATED GROUND.
4. CUBICLE WIRING METHODS PER MANUFACTURER. CIRCUIT LENGTH FROM FACILITY CONNECTION TO FURTHEST DUPLEX RECEPTACLE SHOULD NOT EXCEED 150 FT (5% VOLTAGE DROP FOR A 20A CIRCUIT).
5. MAXIMUM OF 8 GENERAL PURPOSE RECEPTACLES PER CIRCUIT (PER ESM).
6. CONDUCTOR COLORS ON CONNECTION WHIP ARE FOR INFORMATION ONLY.
7. FURNITURE/FACILITY CONNECTION SUPPORTS BOTH WALL AND CEILING MOUNTED JUNCTION BOX OPTIONS.
8. PREFERENCE IS FOR ONE CIRCUIT PER CUBICLE .

① ALTERNATE HOT (LINES) AS REQUIRED.




LBO-DESIGN PACKAGE REVIEWER		N/A		Posted 4/27/21	
APPROVED FOR RELEASE T. ORUCH					
SUBMITTED					
E. STROMBERG					
VERIFIED					
S. R. BACA					
DESIGNED					
A. OLSEN					
DRAWN		N/A	0	INITIAL ISSUE FOR [DCF/DRN #]	04/27/21
L. VALDEZ					
CLASSIFICATION UNCLASSIFIED D. SMITH		NO	REVISION DESCRIPTION		DATE

ENGINEERING STANDARDS

ELECTRICAL

HAWORTH FURNITURE WIRING DIAGRAM

TA- XX
BLDG XXXX



Los Alamos
NATIONAL LABORATORY

P.O. Box 1663
Los Alamos, New Mexico 87545

PROJECT ID

CHAPTER 7

DRAWING NO

ST-D5020-2.1

REV

0

SHEET

E-1

1 OF **1**