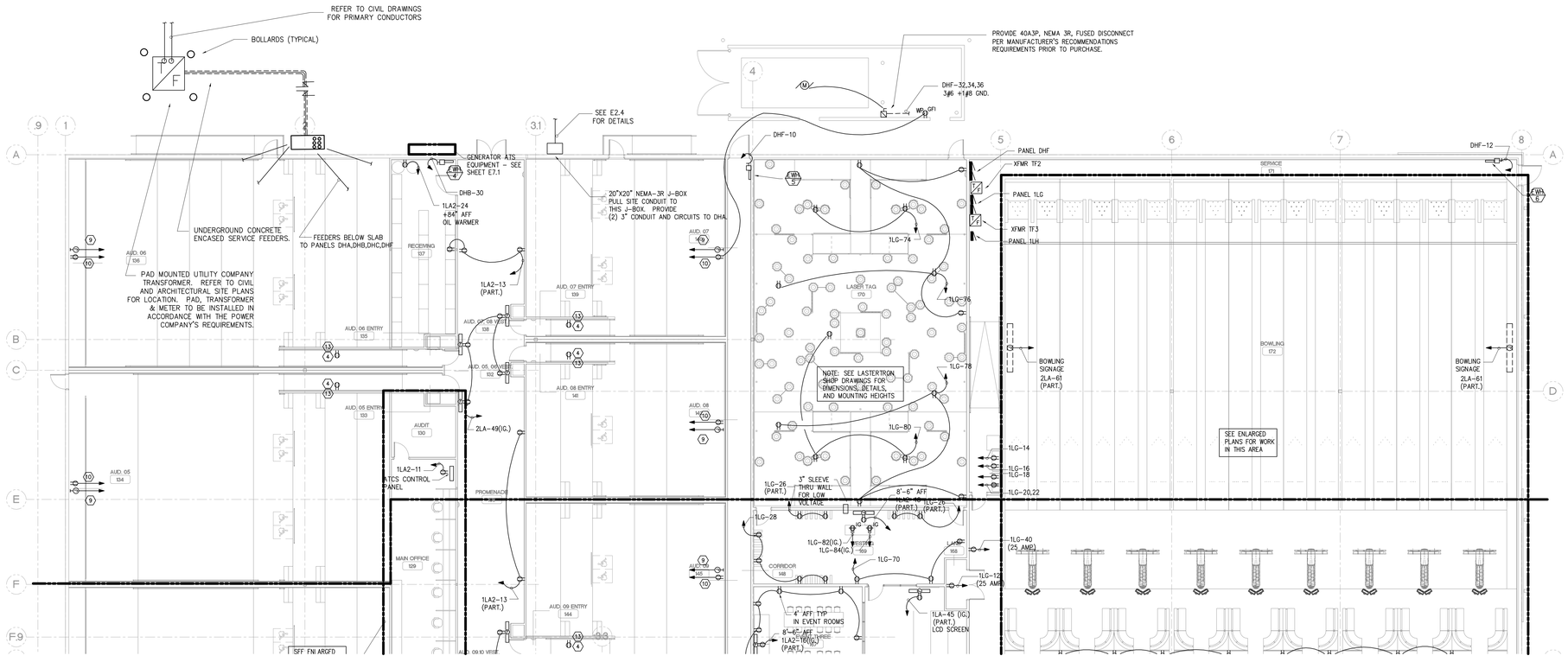

NOTE: SEE LASERTRON SHOP DRAWINGS FOR LASER TAG ROOM DIMENSIONS AND ADDITIONAL DETAILS.

01 LOWER LEVEL - POWER - PART B

SCALE: 3/32"=1'-0"

NOTES BY SYMBOL:

1. FURNISH & INSTALL POWER CABLE AND P.O.S. CABLE, ONE CABLE PER QUAD, SUSPENDED FROM STRUCTURE TO SERVE FREE STANDING EQUIPMENT. TERMINATE POWER CABLE IN TWO GANG JUNCTION BOX WITH TWO DUPLEX RECEPTACLES. ALL POWER CABLES ARE TO BE SUSPENDED WITH WIRE MESH CABLE GRIPS. THE COMPONENTS ARE TO BE AS FOLLOWS:
   A) 2 GANG BOX (RED DOT 21HD5-2) FOR POWER.
   B) CABLE TO BE CAROLPRENE JACKETED TYPE SOW-A/SO, 600VOLT INSULATION 2 CONDUCTOR (ONE CIRCUIT) PLUS GROUND, OR 4 CONDUCTOR (TWO CIRCUIT) PLUS GROUND.
   C) STRAIN RELIEF GRIPS, DANIEL DOUBLE WEAVE, 3/4" NPT, .625 DIA.
   D) TWO DUPLEX RECEPTACLES COVER: RED DOT 2CCD.
   E) CABLE SUPPORT GRIPS: DANIEL OFFSET EYE #SO61.
   F) ONE GANG BOX FOR P.O.S. (DATA OUTLET BY OTHERS, LEAVE 5' OF SLACK)

   ALL COMPONENTS TO BE UL LISTED.
2. POWER TO BE RUN DOWN INSIDE OF COLUMN, WITH RECEPTACLE SURFACE MOUNTED ON COLUMN. (POWER TO BE POOLED AT CEILING UNTIL ROPE COURSE INSTALLED)
3. POWER TO BE SURFACE MOUNTED ON COLUMN.
4. BLACK RECEPTACLE AND COVER PLATE AT 18" AFF.
5. GAME RECEPTACLES TO BE WALL MOUNTED DIRECTLY UNDER MOLDING WITH RECEPTACLE FACING DOWN
6. NOT USED
7. NOT USED
8. BUSHING ON CONDUIT FOR SPEAKER ASSEMBLY 1'-0" ABOVE SPEAKER PLATFORM.
9. SPEAKER CABLES FROM SOUND RACK TO SCREEN. SPEAKERS AND SUB-WOOFERS. CABLE LENGTH TO DROP DOWN TO FLOOR AND THEN OVER TO FAR WALL
10. J-BOX FOR POWER AND CONTROL WIRING FOR MASKING MOTORS. MOUNT AT 18" AFF AND 48" TO THE RIGHT OF THE SCREEN CENTERLINE
    J-BOX TO HAVE MOTOR RATED SWITCH FOR DISCONENCT AND DUPLEX RECEPTACLE
11. 2#12 +1#12 GND. (POWER), 4#16 (MASKING MOTOR CONTROL) CIRCUITRY
12. KEEP ALL SPEAKER CONDUIT RUNS A MINIMUM OF 2'-0" FROM PARALLEL RUNS OF LIGHTING OR OTHER ELECTRICAL POWER CIRCUITS.
13. AUDITORIUM WALL RECEPTACLES SHALL BE SERVED FROM PANEL "PB___" IN THE PROJECTION ROOM. REFER TO ELECTRICAL PANEL SCHEDULE FOR CIRCUIT ALLOCATIONS.
14. USB RECEPTACLE - LEVITON MODEL # T5832
15. J-BOX FOR INTERIOR SIGN, FURNISHED AND INSTALLED AS INDICATED ON THE MATRIX OF RESPONSIBILITY.
16. RECESSED DATA/POWER FLOOR OUTLET FOR DOORMAN KIOSK, CENTER IN OPENING
    COLE #TLS-330-B-MOD, FINISH: FRAME AND DOOR - SATIN WITH CLEAR COAT, HOUSING - WHITE POLYESTER POWDER COAT
    PROVIDE WITH THROUGH AWAY COVER.
    OR Hubbell LCFBCBKT Recessed floor Box, WITH COVERS FOR DATA OUTLETS AND RECEPTACLES. (1)LCFBP8 DUPLEX COVER, (1)LCFBP26 DATA COVER (POSITIONS B & E). PROVIDE LCFBP14 BLANKS AS REQUIRED TO COVER THE OTHER OPENINGS.
17. J-BOX FOR POSTER CASE, SEE ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION.
18. PROVIDE 40A3P, 600V NON-FUSED DISCONNECT FOR WATER HEATER. PROVIDE FINAL CONNECTION TO WATER HEATER.
19. PROVIDE TORK MODEL #1101 ELECTROMECHANICAL TIME CLOCK FOR CONTROL OF HWCP. PROVIDE ALL CONNECTIONS TO MAKE SYSTEM OPERATIONAL.

GENERAL NOTES

1. ALL CIRCUIT NUMBERS REFER TO PANEL "1LB" UNLESS OTHERWISE NOTED.
2. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS.
3. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL DETAILS AND SCHEDULES.
4. ALL J-BOXES SHALL BE SURFACE MOUNTED ON DEMISING WALLS BETWEEN AUDITORIUMS.
5. CONTRACTOR TO PROVIDE ELECTRICAL CONNECTION TO FIRE/SMOKE DAMPERS. REFER TO 'M' SERIES DRAWINGS FOR LOCATION AND QUANTITY. VERIFY WITH MECHANICAL CONTRACTOR. 120V.
6. VERIFY LOCATION OF FIRE ALARM ANNUNCIATORS WITH FIRE MARSHAL PRIOR TO ROUGH IN.
7. NO CONDUIT OR CABLE SHALL PENETRATE DEMISING WALL BETWEEN AUDITORIUMS.
8. NOT USED
9. KEEP ALL SPEAKER CONDUIT RUNS A MINIMUM OF 2'-0" FROM PARALLEL RUNS OF LIGHTING OR OTHER ELECTRICAL POWER CIRCUITS.
10. FIRE ALARM PULL STATIONS TO BE DELETED IF ALLOWED BY THE AHJ.

NOTE: ALL POSTER CASES, MONITORS AND LCD SCREENS TO HAVE A 3/4" C. STUBBED ABOVE AN ACCESSIBLE CEILING

NOTE: ALL WIRING EXPOSED IN CEILING CAVITY IS TO BE PLENUM RATED. NO PVC IS ALLOWED IN CEILING PLENUM.

NOTE: AUDIO SIGNAL AND GENERATION SHALL MEET ALL APPLICABLE REQUIREMENTS OF ARTICLE 640.1 NEC.

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REV	DATE	ISSUE
	5/12/17	PERMIT ISSUE
	5/24/17	ISSUE FOR BID

CINERGY AMARILLO

SHEET DESCRIPTION
LOWER LEVEL FLOOR PLAN
POWER

2016-151
PROJECT NUMBER

E3.1B
SHEET NUMBER

Plotted By: Dan Habetler 24 May. 2017 Drawing File: E:\Dropbox (EnviroDesign)\EnviroDesign Team Folder\Current\2017-055 Cinergy Amarillo\ 2017-055E31B.dwg © 2017 ENVIRODESIGN,INC. ALL RIGHTS
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