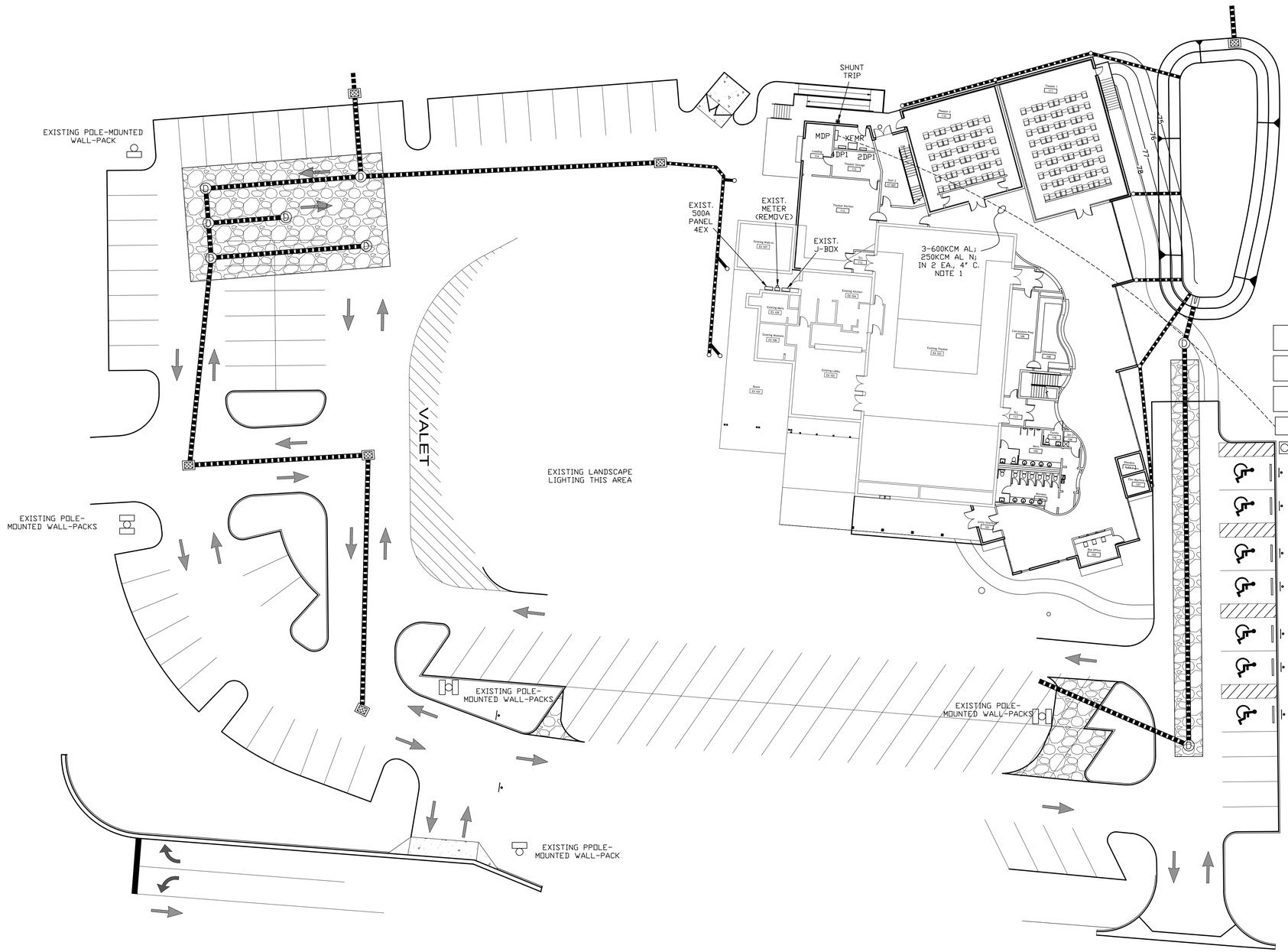

ELECTRICAL LEGEND

	Recessed incandescent
	Ceiling surface
J	Junction box
	Fluorescent fixture
	Wall-mount (bracket) fixture
C	Data outlet. 4"square box w/s.g. plaster ring. Run 3/4" emt 6" above lay-in ceiling.
	Duplex receptacle
	Quadroplex receptacle
	Duplex receptacle above counter or table
$	Single pole switch
$3	Three way switch
$2	Two pole switch
$M	Manual motor starter
$VS	Vacancy sensor switch
OS	Ceiling-mounted occupancy sensor
A	Capital letters adjacent to fixtures indicate type
W	WiFi
V	Television outlet
	Disconnect switch
	Equipment connection
	Lighting panel
	Circuit concealed in ceiling or wall
	Circuit concealed in floor or ground
	Home run to panel. Any without further designation indicates a 2 wire circuit.

GENERAL PROJECT WIRING NOTES

1. CONNECT EXIT/EMERGENCY LIGHTING AND NIGHT LIGHTS AHEAD OF LOCAL SWITCHING.

2. VERIFY ROUGH-IN LOCATIONS PRIOR TO INSTALLATION.

3. ALL DEVICES TO BE RATED 20 AMP.

4. BRANCH CIRCUITS SHARING COMMON NEUTRALS IN A SINGLE RACEWAY SHALL HAVE BREAKER TIES INSTALLED. IN NO CASE MAY NO MORE THAN 3-CIRCUITS SHARE A COMMON NEUTRAL.

5. LIGHT FIXTURE WEIGHTING LESS THAN 10 POUNDS SHALL HAVE ONE 12 GUAGE HANGER WIRE CONNECTED FROM THE FIXTURE TO THE STRUCTURE ABOVE. LIGHT WEIGHTING MORE THAN 10 POUNDS SHALL HAVE TWO 12 GUAGE WIRE ATTACHED AT OPPOSING CORNERS OF THE LIGHT FIXTURE.

6. ALL WIRING AND CONDUIT SIZES ARE BASED ON THWN/THHN COPPER.

7. ALL WORK IN ACCORDANCE WITH FBC 2010 AND NEC 2008 EDITION. ALL BRANCH CONDUCTORS SHALL BE SIZED FOR MAXIMUM VOLTAGE DROP OF 3% AT DESIGN LOAD PER FBC-ENGERGY CONSERVATION 505.7.3.2. FEEDER VOLTAGE DROP SIZED FOR 2% PER FBC-ENGERY CONSERVATION 505.7.3.1.

8. MINIMUM WIRING SIZE IS THWN/THHN #12. MC CABLE PERMITTED ON BRANCH CIRCUITS OF WIRE SIZE #12 AND #10.

9. ALL OUTLETS WITHIN 6-FEET OF SINK TO BE GFI.

10. DIRECT BURIAL RACEWAY TO BE SCHEDULE 80 PVC. RACEWAY EMBEDDED IN CONCRETE SHALL BE SCHEDULE 40 PVC. EXPOSED RACEWAY SHALL BE EMT AND RACEWAY WITHIN WALL AND CEILINGS SHALL BE EMT OR, IF #10 AWG OR SMALLER, MC CABLE.

11. OPERATING AND MAINTENANCE MANUALS ARE TO BE TURNED OVER TO OWNER BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH SECTION 505.7.4.2 OF THE FBC-ENERGY CONSERVATION.

ELECTRICAL SITE PLAN NOTES
1. NEW SERVICE LATERAL - ELECTRICAL CONTRACTOR TO FIELD DETERMINE METHOD OF INSTALLING PARALLEL 4" CONDUITS BETWEEN DUKE POWER TRANSFORMER AND NEW PANEL MDP. EITHER TRENCHING AND USING PVC CONDUITS OR DIRECTIONAL DRILLING AND USING HDPE CONDUITS ACCEPTABLE.

ELECTRICAL SITE PLAN

SCALE: 1"/8"= 20'-00"

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contractors—engineers
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ADDITIONS + MODIFICATIONS
ENZIAN THEATER
MAITLAND, FLORIDA

DRAWN	JMP
CHECKED	PME
DATE	2-14-2014
SCALE	
JOB NO.	
SHEET	E-1
OF	SHEETS