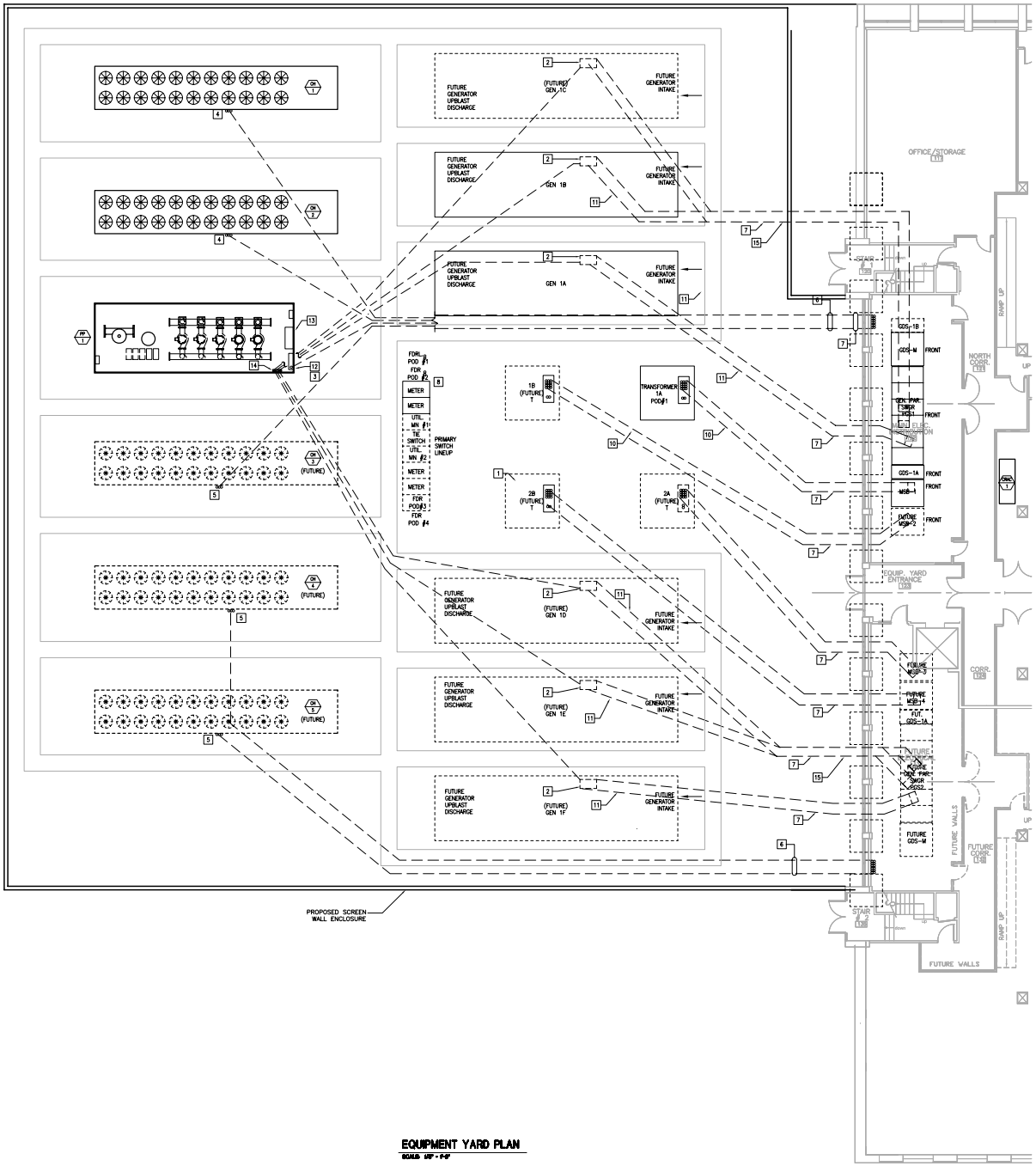

EQUIPMENT YARD PLAN

SCALE: 1/8" = 1'-0"

PLAN NOTES

1. SEE SHEET E-700 FOR TRANSFORMER PAD DETAIL.
2. CONDUIT OPENING IN GENERATOR FOUNDATION AND FUEL OIL TANK. CONTRACTOR SHALL COORDINATE EXACT LOCATION WITH GENERATOR DETAILS.
3. CONDUITS SHALL STUB-UP INTO CHILLED WATER SUPPLY/RETURN PUMP HOUSE DISTRIBUTION PANEL.
4. FEEDER CONDUITS TO STUB UP INTO BOTTOM OF CHILLER CONTROL PANEL. FIELD COORDINATE EXACT LOCATION OF CONTROL PANEL.
5. EMPTY FEEDER CONDUITS FOR FUTURE CHILLER SHALL BE STUBBED UP 18" ABOVE GRADE AND CAPPED. PROVIDE DRAG LINES IN EACH EMPTY CONDUIT.
6. ALL CONDUITS SERVING PUMP HOUSE AND CHILLERS SHALL BE DIRECT BURIED BENEATH GENERATOR DUCTBANK. PROVIDE MINIMUM 12" SEPARATION BETWEEN BOTTOM OF DUCTBANK AND TOP OF CONDUITS.
7. ALL DUCTBANK AND DIRECT-BURIED CONDUIT SYSTEMS SHALL BE INSTALLED A MINIMUM OF 36" BELOW GRADE AND SHALL ENTER THE BUILDING BENEATH/THROUGH EXISTING FOUNDATION SYSTEM. THE EXISTING FLOOR SLAB SHALL BE DEMOLISHED AS REQUIRED TO INSTALL THE CONDUIT SYSTEMS.
8. 15KV NOMINAL, 13.8KV RATED, UL RATED TYPE DUPLEX AIR INTERRUPTER SWITCHGEAR WITH TWO 600A RATED SWITCHES CONSTRUCTED TO WAKEFIELD MUNICIPAL LIGHT & POWER SPECIFICATIONS.
9. TWO (2) DIRECT-BURIED 5" PVC DUCTS FOR PRIMARY FEEDER CONDUITS. ONE DUCT SHALL BE ACTIVE, ONE DUCT SPARE. PROVIDE DRAG LINE IN EACH DUCT.
10. CONCRETE-ENCASED 10-WAY (4H X 3V) INCOMING SECONDARY SERVICE DUCTBANK. SEE DRAWING E-700 FOR DETAIL.
11. CONCRETE-ENCASED DUCTBANK FOR GENERATOR FEEDER, CONTROL AND LOAD CENTER. SEE DRAWING E-700 FOR DETAIL.
12. PANEL DP-PH.
13. CHILLED WATER PUMP CONTROL PANEL.
14. PANEL DP-PHLP.
15. THE INDICATED DUCTBANKS WILL BE STACKED ONE ON TOP OF THE OTHER, WHEN ROUTED BETWEEN THE FOOTINGS

50% DESIGN

NOT FOR CONSTRUCTION

DSR ENCORE LLC
Experienced People. Intelligent Solutions
50 POCONO ROAD
BROOKFIELD, CT 06804
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DNC ARCHITECTS, INC.
CAGLEY & ASSOCIATES

ISSUES		
B	03.19.10	ISSUE FOR OWNER'S REVIEW
D	05.28.10	50% OWNER'S REVIEW SET
E	06.24.10	ISSUED FOR PRELIMINARY PRICING
F	07.16.10	ISSUED FOR D/B CONTRACTOR

REVISIONS

KEY PLAN

DIGITAL REALTY TRUST
200 QUANNAPOWITT PKWY
WAKEFIELD, MA 01880

DATA CENTER POD #1 BUILDOUT
1ST FLOOR

PROJECT

JOB: 09117 | APPROVED: JCS

DRAWN: CM | CHECKED: REW

SCALE: AS SHOWN

DATE: June 24, 2010

DRAWING TITLE

EXTERIOR EQUIPMENT YARD PLAN

ELECTRICAL

DWG. NO.

E4.0