

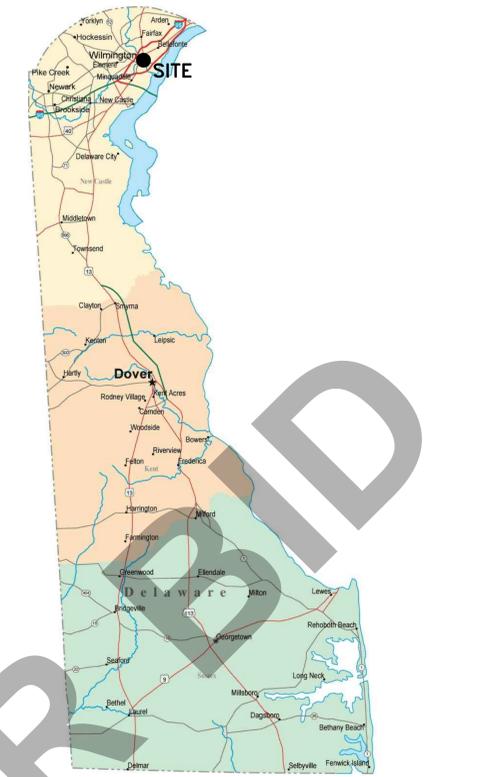
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# OFFICE OF MANAGEMENT AND BUDGET COOLING TOWER REPLACEMENT 900 KING ST; WILMINGTON, DE

## ABBREVIATIONS

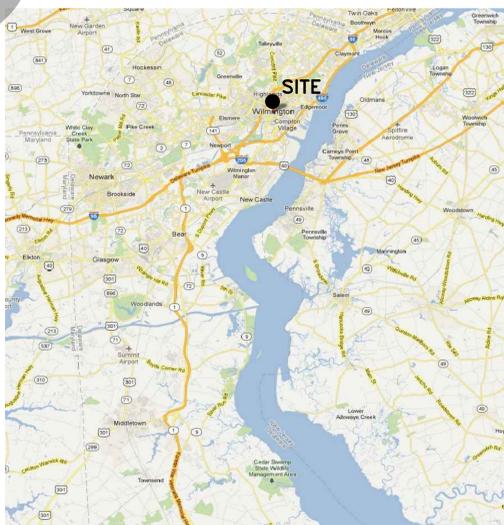
&	AND	F.O.M.	FACE OF MASONRY	Q.T.	QUARRY TILE
∠	ANGLE	F.O.S.	FACE OF STUDS	R.	RISER
@	AT	F.P.	FIREPLACE	R.A.	ROOF AREA
⊕	CENTERLINE	F.P.F.	FIREPROOF	RAD.	RADIUS
⊙	DIAMETER OR ROUND	F.S.	FULL SIZE	R.D.	ROOF DRAIN
⊥	PENNY PERPENDICULAR	F.R.M.G.	FRAMING	R.O.	ROUGH OPENING
⊥	PLATE	FT.	FOOT OR FEET	R.O.S.	ROUGH SAWN
#	POUND OR NUMBER	FTG.	FOOTING	REFR.	REFRIGERATOR
		FLURR.	FURRING	REFR.F.	REFRIGERATED
				REIN.	REINFORCED
				REID.	REQUIRED
A.B.	ANCHOR BOLT	GA.	GAUGE	RESIL.	RESILIENT
A.C.	ASPHALTIC CONCRETE	GALV.	GALVANIZED	RM.	ROOM
A.C.	AIR CONDITION	G.B.	GRAB BAR	R.O.	ROUGH OPENING
ACOUS.	ACOUSTICAL	G.D.	GARBAGE DISPOSAL	R.S.	RESAWN
ADJ.	ADJACENT	G.S.F.T.	GLAZED STRUCTURAL FACING TILE	R.W.	RIGHT OF WAY
AGGR.	AGGREGATE	GL.	GLAZED	R.S.	RESAWN
ALT.	ALTERNATE	GLB.	GLULAM BEAM	R.W.	REDWOOD
ALUM.	ALUMINUM	GND.	GROUND		
ANOD.	ANODIZED	GR.	GRADE		
ARCH.	ARCHITECTURAL	GYP.	GYP-SUM.		
		H.	HIGH	S.	SOUTH
B.B.	BOTTOM OF BEAM	H.B.	HIGH BIB	S.C.	SOLID CORE
BD.	BOARD	H.C.	HANDICAPPED	S.C.D.	SEAT COVER DISP.
BITUM.	BITUMINOUS	H.D.	HOLLOW DRAIN	SCHED.	SCHEDULE
B.J.	BOTTOM OF JOIST	H.H.	HOLLOW HEAD	SD	STORM DRAIN
BLDG.	BUILDING	H.C.	HOLLOW CROWN	S.D.	SOAP DISPENSER
BLK.	BLOCK	H.D.	HOLLOW DRAIN	SECT.	SECTION
BLKG.	BLOCKING	HDR.	HEADER	SH	SHOWER
BM.	BENCHMARK	HDW.	HARDWARE	SHR.	SHOWER
BTM.	BOTTOM	H.I.D.	HIGH INTENSITY DISCHARGE	SHT.	SHEET
		H.M.	HOLLOW METAL	SHTG.	SHOOTING
		HORIZ.	HORIZONTAL	SIM.	SIMILAR
CAB.	CABINET	H.P.	HIGH POINT	S.N.D.	SANITARY NAPKIN DISPENSER
CATV.	CABLE TELEVISION	H.P.	HIGH POINT	S.N.R.	SANITARY NAPKIN RECEPTACLE
C.B.	CATCH BASIN	HT.	HEIGHT	S.P.	SHELF & POLE
CEM.	CEMENT	H.W.	HOT WATER	SPEC.	SPECIFICATION
C.F.M.F.	COLD FORMED METAL FRAMING	I.D.	INSIDE DIAMETER	SQ.	SQUARE
CER.	CERAMIC	INCAN.	INCANDESCENT	SST.	STAINLESS STEEL
CHAM.	CHAMFER	INCL.	INCLUDE	S.SK	SERVICE SINK
CL.	CAST IRON	INSL.	INSULATION	STA.	STATION
C.J.	CONTROL JOINT	INT.	INTERIOR	STD.	STANDARD
C.L.	CHAIN LINK	JAN.	JANITOR	STL.	STEEL
C.L.S.	CALKING	JST.	JOIST	STOR.	STORAGE
CLO.	CLOSET	JT.	JOINT	STR.	STRUCTURAL
CLR.	CLEAR	KIT.	KITCHEN	SUSP.	SUSPENDED
C.O.	CLEAN OUT	L.	LONG OR LENGTH	SYM.	SYMMETRICAL
COL.	COLUMN	L.	LONG OR LENGTH	T.B.	TOP OF BEAM
CONC.	CONCRETE	LAB.	LABORATORY	T.B.	TOWEL BAR
CONN.	CONNECTION	LAM.	LAMINATE	T&B	TOP & BOTTOM
CONSTR.	CONSTRUCTION	LAV.	LAVATORY	T.C.	TOP OF CURB
CONT.	CONTINUOUS	L.B.	LAV. BOWL	TEL.	TELEPHONE
CORR.	CORROSION/CORRUGATED	LIN.	LINEAR	TEMP.	TEMPERED
CPT.	CARPET	L.P.	LOW POINT	TER.	TERRAZZO
C.T.	CERAMIC TILE	L.P.	LOW POINT	T&G.	TONGUE & GROOVE
CRJ.	CENTRAL PROCESSING UNIT	L.T.	LIGHT	THK.	THICK
CNT.	COUNTER	MAS.	MASONRY	T.J.	TOP OF LEDGER
CRTR.	CATHODE RAY TUBE	MAX.	MAXIMUM	T.O.F.	TOP OF FOOTING
CNTR.	COUNTER	M.B.	MACHINE BOLT	T.P.	TOP OF PAVEMENT
CTSK.	COUNTERSINK	M.C.	MEDICINE CABINET	T.P.D.	TOILET PAPER DISP.
CU.	CUBIC	MECH.	MECHANICAL	T.R.	TREAD
C.W.	COLD WATER	MEMB.	MEMBRANE	T.S.	TOP OF SHEATHING
		MET.	METAL	TSL.	TOP OF SLAB
D.	DEPTH	MFG.	MANUFACTURED	TST.	TOP OF STEEL
DBL.	DOUBLE	MFR.	MANUFACTURER	T.V.	TELEVISION
D.D.	DOOR DIMENSION	MH.	MANHOLE	T.W.	TOP OF WALL
DEPT.	DEPTH	MIN.	MINIMUM	TYP.	TYPICAL
DET.	DETAIL	MIR.	MIRROR	U.G.	UNDERGROUND
D.F.	DOUGLAS FIR	MISC.	MISCELLANEOUS	UNFIN.	UNFINISHED
DIAM.	DIAMETER	M.O.	MASONRY OPENING	UNLESS NOTED OTHERWISE	
DIAL.	DIAL	MOD.	MODULAR	URNAL.	URNAL
DIM.	DIMENSION	MTD.	MOUNTED		
DISP.	DISPENSER	MULL.	MULLION	V.C.T.	VINYL COMPOSITION TILE
DNT.	DEMOUNTABLE	N.	NORTH	VB	VAPOR BARRIER
DN.	DOWN	(N)	NEW	VERT.	VERTICAL
D.O.	DOOR OPENING	N.I.C.	NOT IN CONTRACT	V.F.	VINYL FABRIC
DR.	DOOR	NO. OR #	NUMBER	V.G.	VERTICAL GRAIN
DS.	DOWNPOUT	NOM.	NOMINAL	VNR.	VENEER
D.S.P.	DRY STAND PIPE	N.R.C.	NOISE REDUCTION COEFFIC.		
D.W.	DISH WASHER	N.T.S.	NOT TO SCALE	W.	WEST WIDTH WIDE
DWG.	DRAWING			W.	WITH
DWR.	DRAWER			W.C.	WATER CLOSET
				WCV.	WALL COVERING
E.	EAST			WD.	WOOD
(E)	EXISTING			W.D.	WINDOW DIMENSION
EA.	EACH			WG.	WIRE GLASS
E.I.	EXPANSION JOINT			WH.	WATER HEATER
ELEC.	ELECTRICAL			WO.	WITHOUT
ELEV.	ELEVATION			WP.	WATERPROOF
ELVR.	ELEVATOR			WSCT.	WANSKOT
EMER.	EMERGENCY			WT.	WEIGHT
ENCL.	ENCLOSURE			WVF.	WELDED WIRE FABRIC
ED.	EQUAL				
EQUIP.	EQUIPMENT				
E.W.	EACH WAY				
EXIST.	EXISTING				
EXPO.	EXPOSED				
EXP.	EXPANSION				
EXT.	EXTERIOR				
(F)	FUTURE				
F.B.O.	FURNISHED BY OTHERS				
F.D.	FLOOR DRAIN				
FDN.	FOUNDATION				
F.E.	FIRE EXTINGUISHER				
F.E.C.	FIRE EXTINGUISHER CABINET				
FIG.	FUEL GAS				
F.H.	FIRE HYDRANT				
F.H.C.	FIRE HOSE CAB.				
FIN.	FINISH				
F.L.	FLOW LINE				
FLR.	FLOOR				
FLASH.	FLASHING				
FLUOR.	FLUORESCENT				
F.O.C.	FACE OF CONCRETE				

## INDEX



LOCATION MAP – STATE VIEW

SCALE: NTS



LOCATION MAP – COUNTY VIEW

SCALE: NTS

### Architectural

1.0 COVER SHEET

### Mechanical

8.0 MECHANICAL COVER SHEET

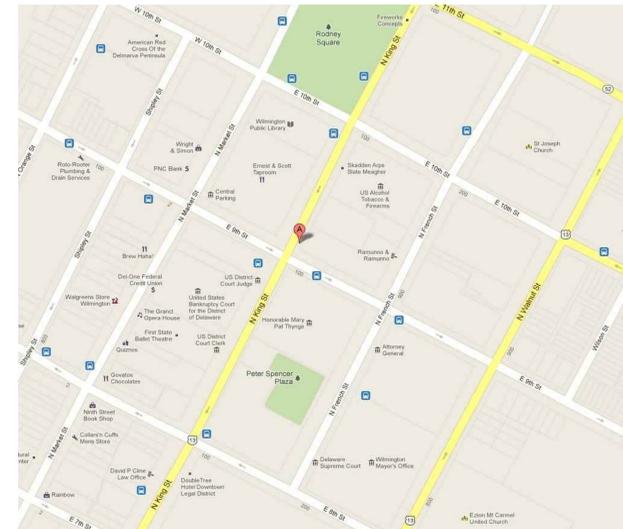
8.1 MECHANICAL ROOF DEMOLITION PLAN

8.2 MECHANICAL ROOF PLAN

### Electrical

9.0 ELECTRICAL COVER SHEET

9.1 ELECTRICAL ROOF DEMOLITION & NEW PLAN

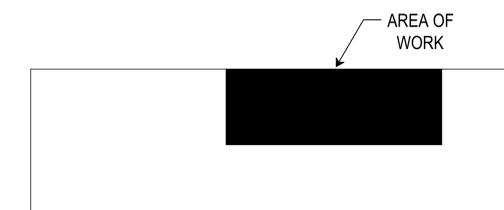


LOCATION MAP – CITY VIEW

SCALE: NTS

## SYMBOLS LEGEND

	STRUCTURAL GRID LINE		ELEVATION IDENTIFICATION (A) SHEET WHERE DRAWN (5.8)
	WALL SECTION (3) SHEET WHERE DRAWN (5.8)		REVISION
	BUILDING SECTION (A) SHEET WHERE DRAWN (5.8)		CONSTRUCTION NOTES
	DETAIL IDENTIFICATION (3) SHEET WHERE DRAWN (4.7)		DEMOLITION NOTES
	DOOR NUMBER TAG		DENOTES PLAN DETAIL (DETAIL #1/SHEET 4.7)
	WALL TYPE TAG		NEW WALL CONSTRUCTION
	ELEVATION LEVEL MARKER		WALL DEMOLITION
			WALL EXISTING



KEY PLAN



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REVISIONS	DATE
DESCRIPTION	

STATE OF DELAWARE  
OFFICE OF MANAGEMENT AND BUDGET  
COOLING TOWER REPLACEMENT  
OMB PROJECT # MC1002000172  
900 KING STREET  
WILMINGTON, DE 19801

**CONSTRUCTION DOCUMENTS**  
 SEPTEMBER 17, 2012  
 DRAWN: DLS      CHK'D/DISIGNER: BMZ  
 DISCIPLINE: A      SHEET NO.: 1.0  
 PROJECT NO.: 11061

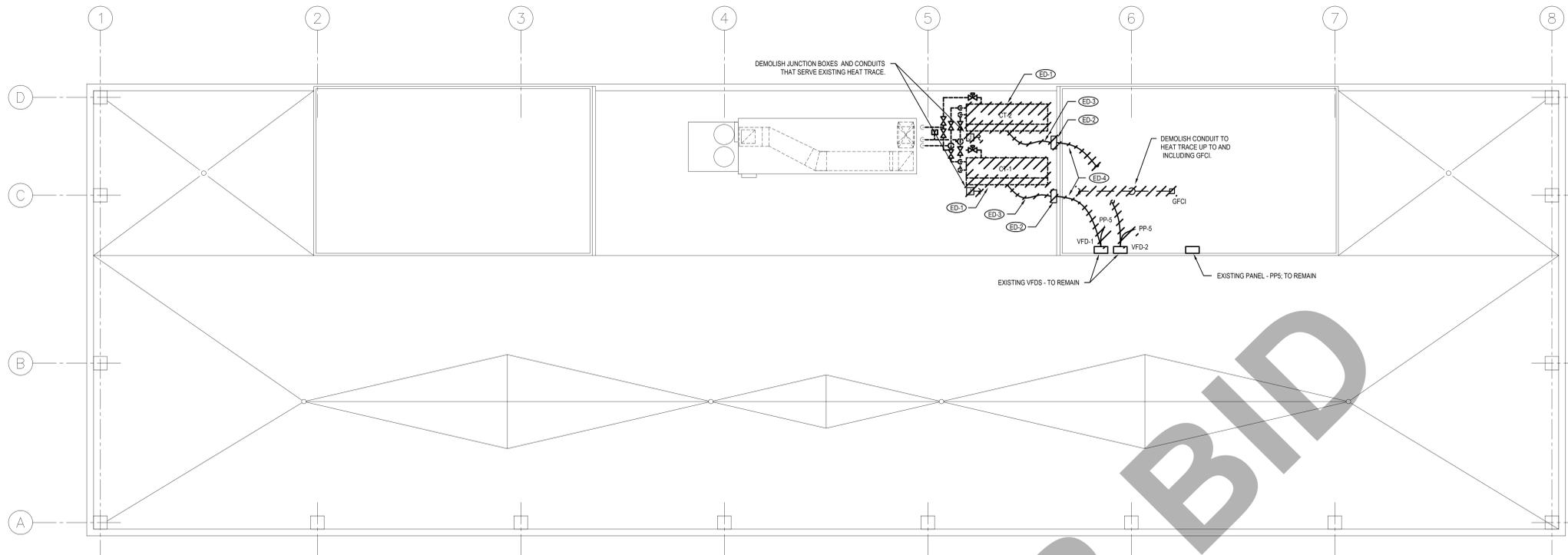








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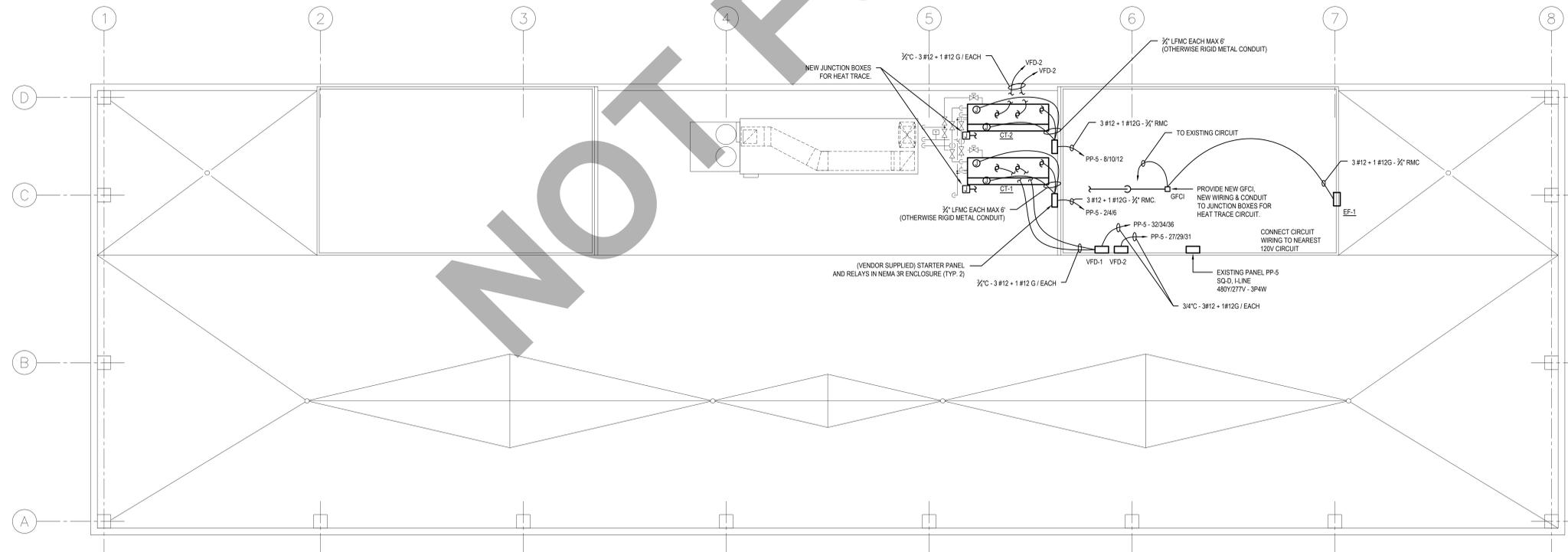


**ELECTRICAL DEMOLITION NOTES:**

- ED-1 DISCONNECT AND REMOVE ALL EXISTING WIRING CONNECTED TO COOLING TOWER FAN MOTOR, HEATER, PUMP AND CONTROL BACK TO CONTROL PANEL.
- ED-2 DISCONNECT AND REMOVE ALL EXISTING WIRING AND CONTROLLER COMPLETELY. REMOVE INCOMING WIRING FROM PANEL PP-5 WITH CONDUITS.
- ED-3 DISCONNECT AND COMPLETELY REMOVE ALL WIRING FROM CONTROLLER TO COOLING TOWER (INCLUDING CONTROL WIRING).
- ED-4 DISCONNECT FEEDERS FROM PANEL PP-5 TO COOLING TOWER AND CONTROLLERS. RETAIN EXISTING (2) 30A/3P CIRCUIT BREAKERS FOR FUTURE USE.

**ELECTRICAL ROOF DEMOLITION PLAN**

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



**ELECTRICAL ROOF PLAN**

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

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REVISIONS	DATE
DESCRIPTION	

STATE OF DELAWARE  
 OFFICE OF MANAGEMENT AND BUDGET  
 COOLING TOWER REPLACEMENT  
 OMB PROJECT # MC1002000172  
 900 KING STREET  
 WILMINGTON, DE 19801

PROJECT SHEET TITLE  
**ELECTRICAL ROOF DEMOLITION & NEW PLAN**

CONSTRUCTION DOCUMENTS  
 SEPTEMBER 17, 2012

DRAWN	CHK/DISIGNER
DLS	PP
DISCIPLINE	SHEET NO.
E	9.1

PROJECT NO. 11061