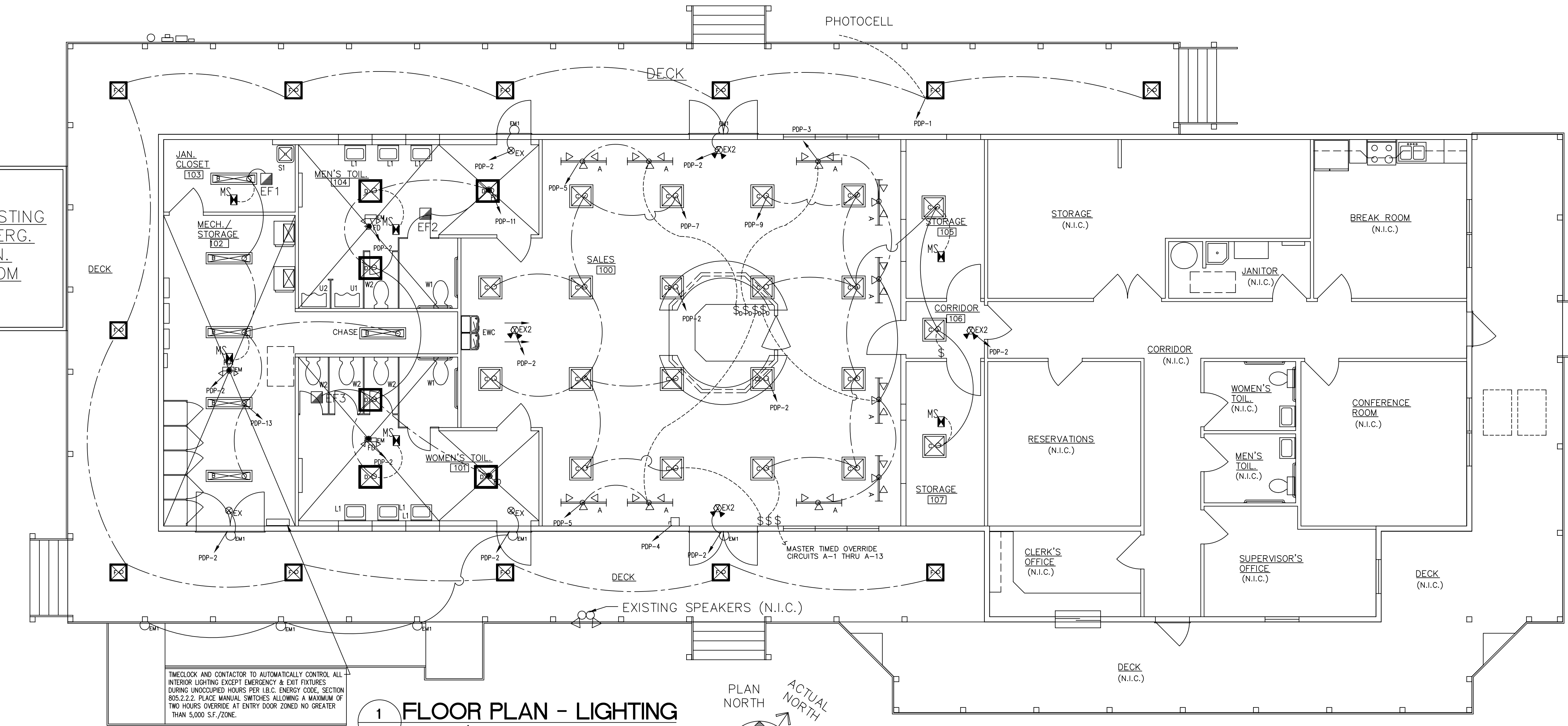
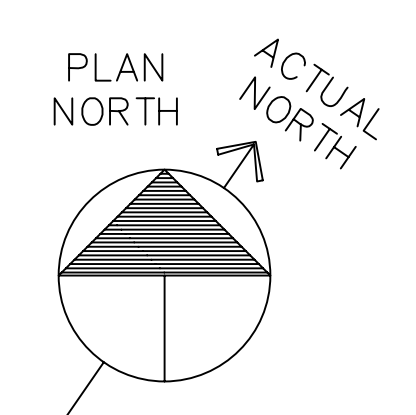


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TIMELOCK AND CONTACTOR TO AUTOMATICALLY CONTROL ALL INTERIOR LIGHTING EXCEPT EMERGENCY & EXIT FIXTURES DURING UNOCCUPIED HOURS PER I.B.C. ENERGY CODE, SECTION 805.2.2.2. PLACE MANUAL SWITCHES ALLOWING A MAXIMUM OF TWO HOURS OVERRIDE AT ENTRY DOOR ZONED NO GREATER THAN 5,000 S.F./ZONE.

1 FLOOR PLAN - LIGHTING
E-1 SCALE: 3/16" = 1'-0"



LIGHTING SCHEDULE								
MARK	DESCRIPTION	MANUFACTURER	CATALOGUE NUMBER	LAMPS	BALLAST	WATTAGE	QTY.	REMARKS
A	4 FOOT 3 LAMP DISPLAY TRACK LIGHTS	LITHONIA	LT4/(3) STPC	3-50W PAR	--	150	10	SECURE TO GRID & STRUCTURE CIRCUIT THRU DIMMER
B	1X4 2 LAMP SURFACE MOUNT FLUORESCENT	LITHONIA	DM132A12125-120-GEB101S	1-32 T8	ELECTRONIC	32	6	SECURE TO STRUCTURE DAMP LABEL
C	2X2 2 LAMP LAY IN FLUORESCENT TROFFER	LITHONIA	2SP82U31A12125-120GEB101S	2-U31 T8	ELECTRONIC	59	16	SECURE TO GRID & STRUCTURE
CE	2X2 2 LAMP LAY IN FLUORESCENT TROFFER	LITHONIA	2SP82U31A12125-120GEB101S	2-U31 T8	ELECTRONIC	59	2	SECURE TO GRID & STRUCTURE CE-UNSWITCHED NIGHT LIGHT
EM	BATTERY PACK UNIVERSAL EMERGENCY FIXTURE	LITHONIA	ELM2	2@5.4 W TU	Ni-Cad	13	3	AIM/LOCATE PER LOCAL A.H.J.
EM1	BATTERY PACK WALL MTD. EMERGENCY FIXTURE	LITHONIA	AFN-W-EXT	2@6 W XE	Pb-Ca	21	4	AIM/LOCATE PER LOCAL A.H.J. WET LABEL
EX	BATTERY PACK UNIVERSAL EXIT FIXTURE	LITHONIA	LQMSW3R-120/277-ELM	LED	Ni-Cad	2.54	2	AIM/LOCATE PER LOCAL A.H.J.
EX2	BATTERY PACK UNIVERSAL EXIT/EMERGENCY FIXTURE	LITHONIA	LHQMSW3R-120/277-ELM	LED/2@5.4W	Ni-Cad	2.54/13	4	AIM/LOCATE PER LOCAL A.H.J.
D	2X2 2 LAMP SURFACE MOUNT FLUORESCENT	LITHONIA	2M2U31A12125-120-GEB101S	2-U31W T8	ELECTRONIC	59	6	COORDINATE LOCATION WITH STRUCTURAL ELEMENTS
F	RECESSED FLUORESCENT EXTERIOR LIGHT	HALO	H2F-120	2-26W DTT	ELECTRONIC	56	12	DAMP LABEL. USE EXISTING PENETRATIONS

APPENDIX 'B' FOR ALL COMMERCIAL PROJECTS ELECTRICAL SYSTEMS AND EQUIPMENT

METHOD OF COMPLIANCE:
 Prescriptive Performance Energy Cost Budget

Provide a standard riser diagram which indicates designated point for check metering. None Required.

Provide a standard panel schedule description which identifies different end-use loads. See Plans

Lighting Schedule
 lamp type required in fixture - See Fixture Schedule
 number of lamps in fixture - See Fixture Schedule
 ballast type used in the fixture - See Fixture Schedule
 number of ballasts in fixture - See Fixture Schedule
 total wattage per fixture - See Fixture Schedule
 total interior wattage specified vs. allowed 1.22 W/GSF vs. 1.23 W/GSF (ALLOWED)
 Exterior lighting source efficacy at least 45 lumens/watt YES NO

Equipment schedules with motors (not used for mechanical systems)
 motor horsepower
 number of phases
 minimum efficiency
 motor type NONE
 # of poles

DESIGNER STATEMENT:
 To the best of my knowledge and belief, the design of this building complies with the electrical system and equipment requirements of the International Building Code, Energy Conservation Code.

SIGNED: Dennis W. Carter
 NAME: Dennis W. Carter
 TITLE: Professional Engineer

- ELECTRICAL NOTES**
- THIS CONTRACT INVOLVES THE RENOVATION OF THE TOILETS, STORAGE AND VISITOR'S CENTER AREAS OF THIS EXISTING FACILITY. THE 2006 ADDITION INCLUDING THE ADMINISTRATIVE FUNCTION IS TO REMAIN AS-IS.
 - EXISTING PANEL PDP1 IS TO BE REPLACED. EXISTING MISCELLANEOUS CIRCUITS NOT SPECIFICALLY IDENTIFIED SUCH AS LIGHTS IN GENERATOR AREA ARE TO BE RECONNECTED TO NEW PANEL.
 - RECEPTACLE LAYOUT IMAY BE ALTERED TO ALLOW REUSE OF EXISTING RECEPTACLES WITH APPROVAL OF OWNER SIMILARLY, VISITOR CENTER RECEPTACLES MAY BE RELOCATED/REUSED TO ALLOW EXISTING MERCHANDISING DISPLAYS TO BE REUSED.
 - COORDINATE WIRING OF NEW DEDICATED QUADRAPLEX RECEPTACLES, LIGHT SWITCHES AND VOICE/DATA OUTLETS ARE TO BE COORDINATED WITH OWNER PRIOR TO FINAL LOCATION.
 - CONTRACTOR MAY REUSE EXISTING PENETRATIONS BUT IF UNUSED, PROVIDE ROUGH PATCH AND COORDINATE FINAL PATCH WITH GENERAL CONTRACTOR.

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CEDAR ISLAND FERRY OFFICE RENOVATION
 CEDAR ISLAND, NORTH CAROLINA

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 DWG BY: MLR
 CKD BY: RMB/LDD

SHEET NO.
E-1
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