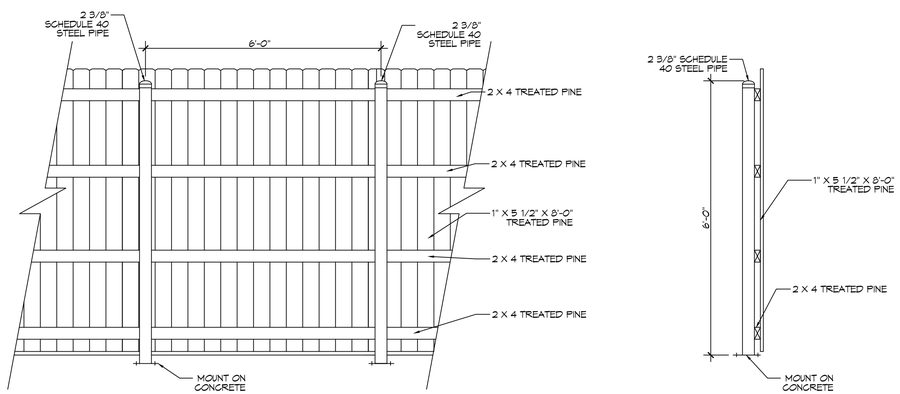
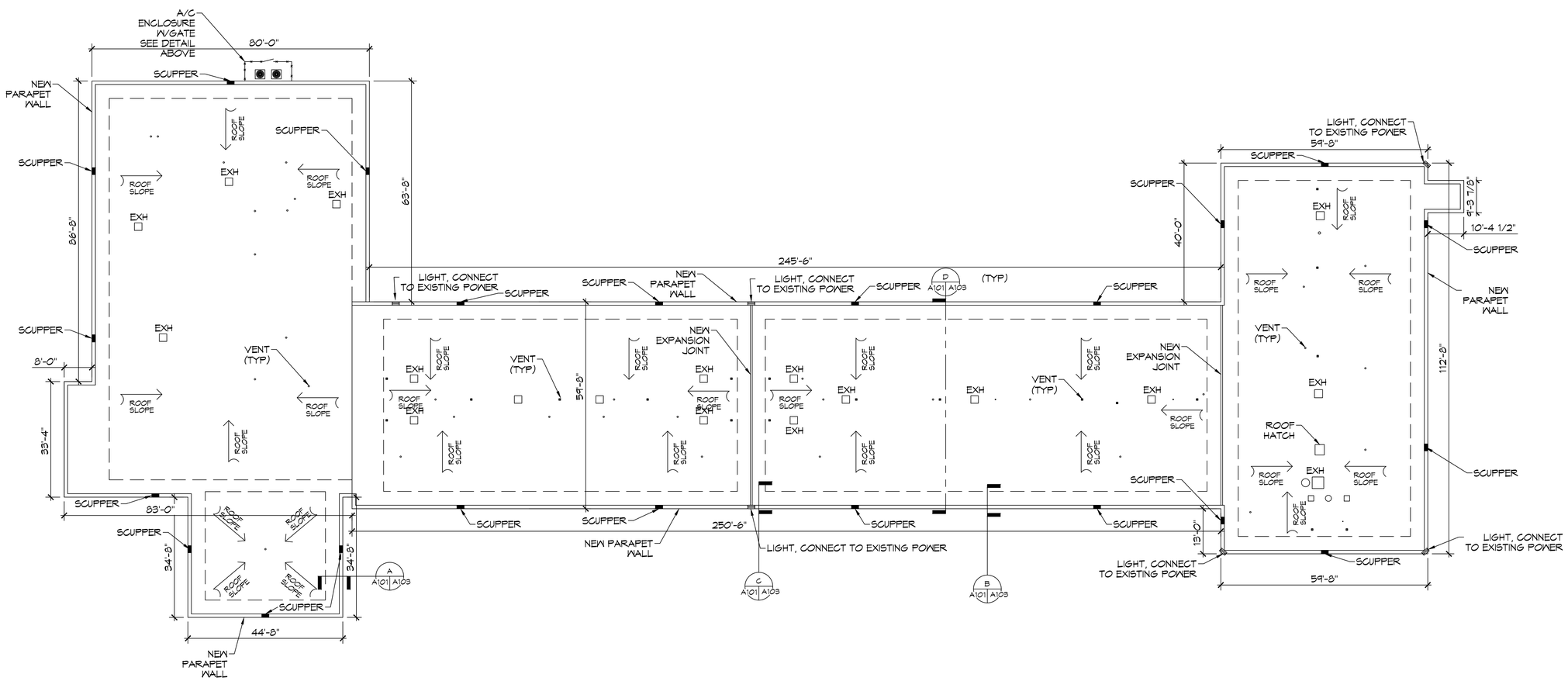
INSTALLATION ON METAL DECK OVER DROP OFF AND LOBBY	INSTALLATION ON CONCRETE DECK
1. LOOSE LAY A 2"X48"X96" ISO95+GL INSULATION BOARD ON THE METAL DECK.	1. SCRAPE AND CLEAN OFF STRUCTURAL CONCRETE DECK.
2. MECHANICALLY ATTACH A 2" X48"X96" ISO95+GL INSULATION BOARD THROUGH THE FIRST LAYER OF ISO TO THE METAL DECK. PER THE 48"X96" BOARD; THE ATTACHMENT RATE TO BE 20 HEAVY DUTY FASTENERS AND PLATES IN THE FIELD; 32 IN THE PERIMETERS AND CORNERS.	2. ADHERE A 2"X48"X48" ISO95+GL INSULATION BOARD TO THE STRUCTURAL CONCRETE DECK WITH ISO SPRAY R LOW-RISE FOAM ADHESIVE. ADHESIVE RATE TO BE 4" O.C. EVERYWHERE.
3. ADHERE A 1/8" X48"X48" TAPERED ISO95+GL INSULATION BOARD TO THE SECOND LAYER OF ISO WITH ISO SPRAY R LOW-RISE FOAM ADHESIVE. ADHESIVE RATE TO BE 4" O.C. EVERYWHERE.	3. ADHERE A 2" X48"X48" ISO95+GL INSULATION BOARD TO THE FIRST LAYER OF ISO WITH ISO SPRAY R LOW-RISE FOAM ADHESIVE. ADHESIVE RATE TO BE 4" O.C. EVERYWHERE.
4. ADHERE A ½" X48"X48" SECUROCK GYPSUM FIBER COVERBOARD BOARD TO THE SECOND LAYER OF ISO WITH ISO SPRAY R LOW-RISE FOAM ADHESIVE. ADHESIVE RATE TO BE 4" O.C. EVERYWHERE.	4. ADHERE A 1/8" X48"X48" TAPERED ISO95+GL INSULATION BOARD TO THE SECOND LAYER OF ISO WITH ISO SPRAY R LOW-RISE FOAM ADHESIVE. ADHESIVE RATE TO BE 4" O.C. EVERYWHERE.
5. ADHERE A 60 MIL ULTRAPLY TPO MEMBRANE TO THE COVERBOARD WITH LVOC ULTRAPLY BONDING ADHESIVE.	5. ADHERE A ½" X48"X48" SECUROCK GYPSUM FIBER COVERBOARD BOARD TO THE SECOND LAYER OF ISO WITH ISO SPRAY R LOW-RISE FOAM ADHESIVE. ADHESIVE RATE TO BE 4" O.C. EVERYWHERE.
6. PROVIDE RETROFIT KITS IN THE EXISTING DRAIN BOWLS.	6. ADHERE A 60 MIL ULTRAPLY TPO MEMBRANE TO THE COVERBOARD WITH LVOC ULTRAPLY BONDING ADHESIVE.
7. TERMINATE ROOF MEMBRANE AT WALL AND SECURE TO WALL AT 12" O.C.	7. PROVIDE RETROFIT KITS IN THE EXISTING DRAIN BOWLS.
8. ADHERE A 60 MIL ULTRAPLY TPO MEMBRANE TO THE ¾" PLYWOOD AT PARAPETS WITH ULTRAPLY BONDING ADHESIVE. ENSURE MEMBRANE GOES UP AND OVER PARAPET AND DOWN OUTSIDE FACE OF WALL.	8. TERMINATE ROOF MEMBRANE AT WALL AND SECURE TO WALL AT 12" O.C.
9. INSTALL ELEVATES CANTILEVER COPING ON TOP OF PARAPET TO COMPLETE THE INSTALLATION.	9. ADHERE A 60 MIL ULTRAPLY TPO MEMBRANE TO THE ¾" PLYWOOD AT PARAPETS WITH ULTRAPLY BONDING ADHESIVE. ENSURE MEMBRANE GOES UP AND OVER PARAPET AND DOWN OUTSIDE FACE OF WALL.
10. INSTALL SCUPPERS WITH ROOF DRAINS.	10. INSTALL ELEVATES CANTILEVER COPING ON TOP OF PARAPET TO COMPLETE THE INSTALLATION.
	11. INSTALL SCUPPERS WITH ROOF DRAINS.



3 A/C ENCLOSURE
SCALE: N.T.S.



4 NEW ROOF PLAN
SCALE: 1/16"= 1'-0"

NOTE : PARAPET ROOF SHALL BE POSTPONED UNTIL NEXT YEAR.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
504 Gause Blvd. Trail
Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

SEAL: STATE OF LOUISIANA — BRIAN A. MISTICH License No. 30187 — PROFESSIONAL ENGINEER

NEW PARTIAL RENOVATION
RED ROOF INN
1662 GAUSE BLVD.
SLIDELL, LA 70458

JOB No:	2451
DATE:	04-05-2024
DRAWN BY:	CJCD
CHECKED BY:	JMS

SHEET TITLE: NEW ROOF PLAN

DRAWING NUMBER: A101

SHEET No: 3 of 10

The client shall be the owner of all plans, drawings, specifications, and all other instruments of service prepared by Dammon Engineering, Inc. Such instruments of service may be used by the client and owner for any purpose relating to the construction of the project for which the work was prepared and approved without written consent of Dammon Engineering, Inc. Such instruments of service may not be used by any other entity or for any other project.

FILE NAME: J:\---Jobs-Mech\2451 - Red Roof Inn Slidell\Drawings\Current Drawings\A101 - New Roof Plan.dwg PLOT DATE & TIME: Monday, April 8, 2024 10:30:13 AM