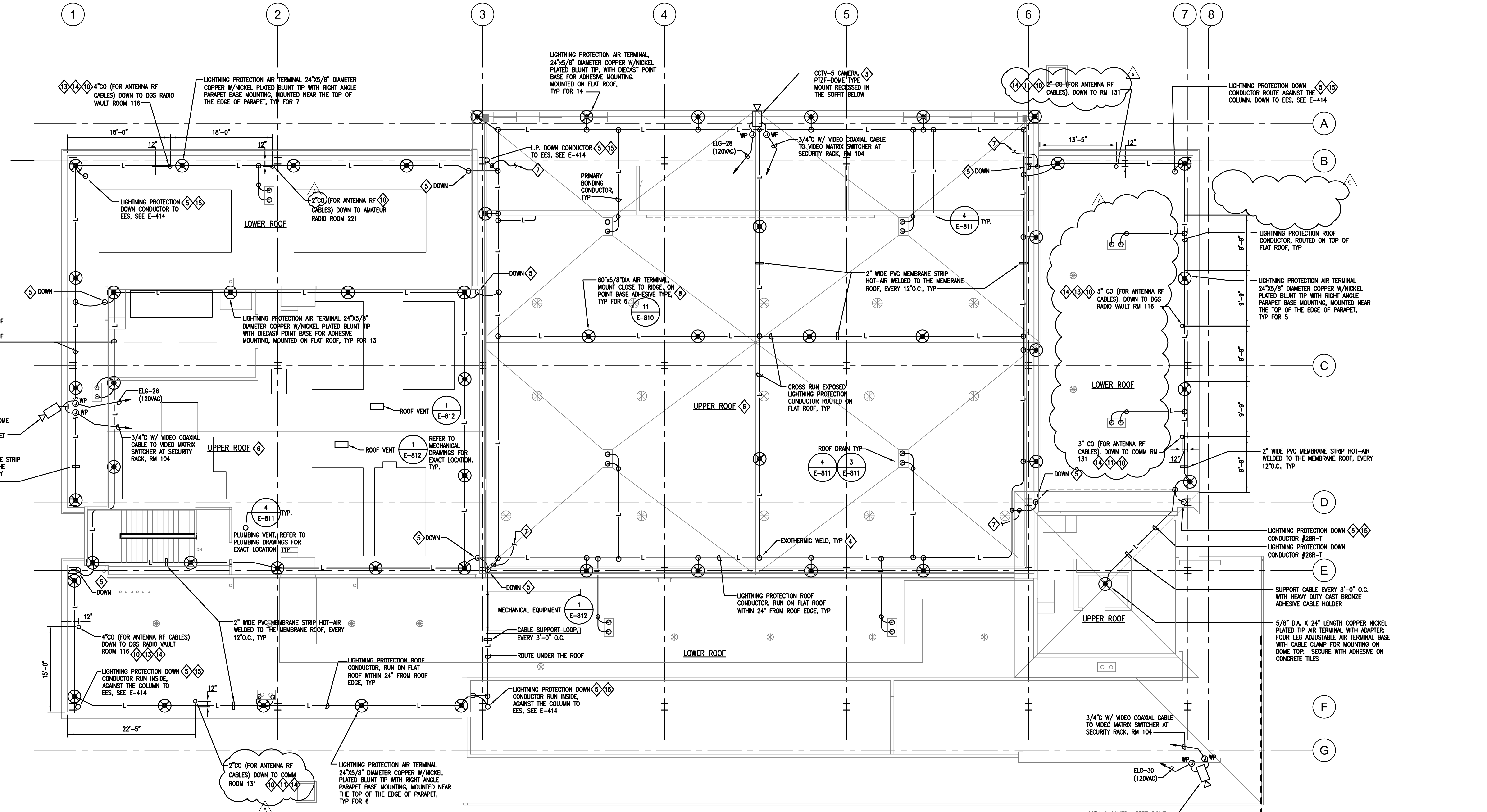


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DATE: Oct 23, 2008 - 12:17:46 pm Images: "IETMC-SGRID" "IETMC-ARPO2" "IETMC-EPWR2" "IETMC-ARPO1" "IETMC-S-BLDG-rt-1-ARPO1"
Xrefs: "XBDR" "IETMC-ARPO2"

E
D
C
B
A



1 ELECTRICAL ROOF PLAN
E-313 REF. SCALE: 1/8" = 1'-0"

NOTES:

- SEE SHEET E-100 FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.
- ALL LIGHTNING PROTECTION SYSTEM COMPONENTS SHALL BE OF COPPER-TINNED COATED CLASS 2 MATERIAL, UL LISTED, UON.
- MOUNT CCTV CAMERA RECESSED IN THE SOFFIT BELOW. HEIGHT OF CAMERA APPROXIMATELY 17'-0" AFGRADE.
- USE PARALLEL PT TYPE EXOTHERMIC WELD CONNECTIONS, SEE DETAIL 11 ON SHEET E-811.
- PROVIDE AND INSTALL VERTICALLY EVERY 3'-0" O.C. #18G-T, 58" WIDE COPPER CABLE SUPPORT LOOP, SECURE WITH 1/4" FASTENER.
- ANY METALLIC BODIES ON OR ABOVE THE ROOF SUBJECT TO INDUCED CHARGES FROM LIGHTNING, LOCATED WITHIN 6 FEET OF AN EXPOSED LIGHTNING PROTECTION SYSTEM ELEMENT SHALL BE BONDED TO THE L.P. SYSTEM WITH PRIMARY CONDUCTOR.
- BOND ROOF PERIMETER STEEL FRAME TO THE L.P. DOWN CONDUCTOR AT 4-PLACES. USE PRIMARY CABLE.
- THE ADHESIVE SHALL BE COMPATIBLE AND ATTACHED TO THE ROOF MEMBRANE PROTECTED PAD HOT-AIR WELDED TO ROOF MEMBRANE PER MANUFACTURERS STANDARD DETAIL.
- SEE SHEET E-613 FOR CCTV RISER DIAGRAM.
- STUB-UP RGS CONDUIT @12" AF ROOF AND CAP. PROVIDE WEATHERPROOF SEAL AT ROOF PENETRATION. SEE DETAIL 6 ON SHEET M-703.

- ROUTE CONDUIT THRU 2ND FLOOR CEILING SPACE VIA CHP IDF-3 ROOM 238. DOWN TO 1ST FLOOR CEILING SPACE TO BRIEFING/TRAINING ROOM 138 AND COMMUNICATION ROOM 131.
- ROUTE CONDUIT THRU 2ND FLOOR CEILING SPACE VIA CHP IDF-3 ROOM 238. DOWN TO 1ST FLOOR CEILING SPACE TO COMPUTER EQUIPMENT ROOM 132A & 132B.
- ROUTE CONDUIT THRU 2ND FLOOR CEILING SPACE VIA IDF-2 ROOM 210. DOWN TO 1ST FLOOR CEILING SPACE TO DCS RADIO VAULT ROOM 116.
- EACH COMMUNICATION CONDUIT RUN SHALL USE MAXIMUM 2-90° BENDS WITH 30" MINIMUM BENDING RADIUS. PROVIDE COMMUNICATION PULL BOXES AS REQUIRED.
- PROVIDE THROUGH-ROOF DOWNLEAD CONNECTOR ASSEMBLY FOR USE WHERE DOWN CABLES ARE TO BE TERMINATED ABOVE THE ROOF DECK AND UNDER THE FINISHED ROOF AND INSULATION. SECURE THE FLAT SURFACE BASE TO THE DECK WITH STAINLESS STEEL SCREWS. THE 1/2" DIAMETER RISER BAR HAS AN INTEGRAL 1" PVC SLEEVE FOR USE WITH BOOT TYPE ROOF FLASHING BY ARCHITECTURAL DIE CAST CABLE CLAMPS AT THE TOP AND BASE. SEE DETAIL 12 ON SHEET E-810.

PROJECT



CLIENT



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REAL ESTATE SERVICES DIVISION
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DSA STAMP

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JULY 30, 2008

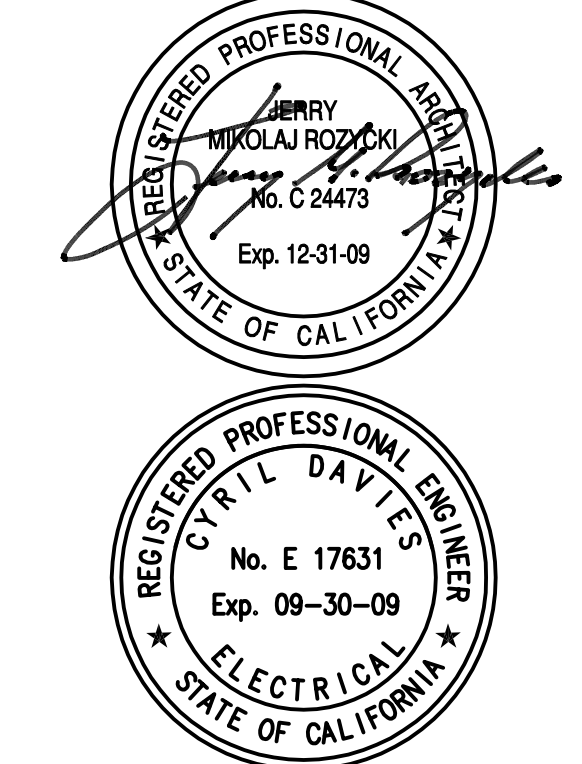
ISSUE

MARK	DATE	DESCRIPTION
1	10/27/2008	BID PERIOD ADDENDUM #5
2	09/26/2008	BID PERIOD ADDENDUM

PROJECT NO: 60004333.4000

DRAWN BY: L. DICKENS
CHECKED BY: C. DAVIES

STAMP



SHEET TITLE

ELECTRICAL
ROOF PLAN

E-313