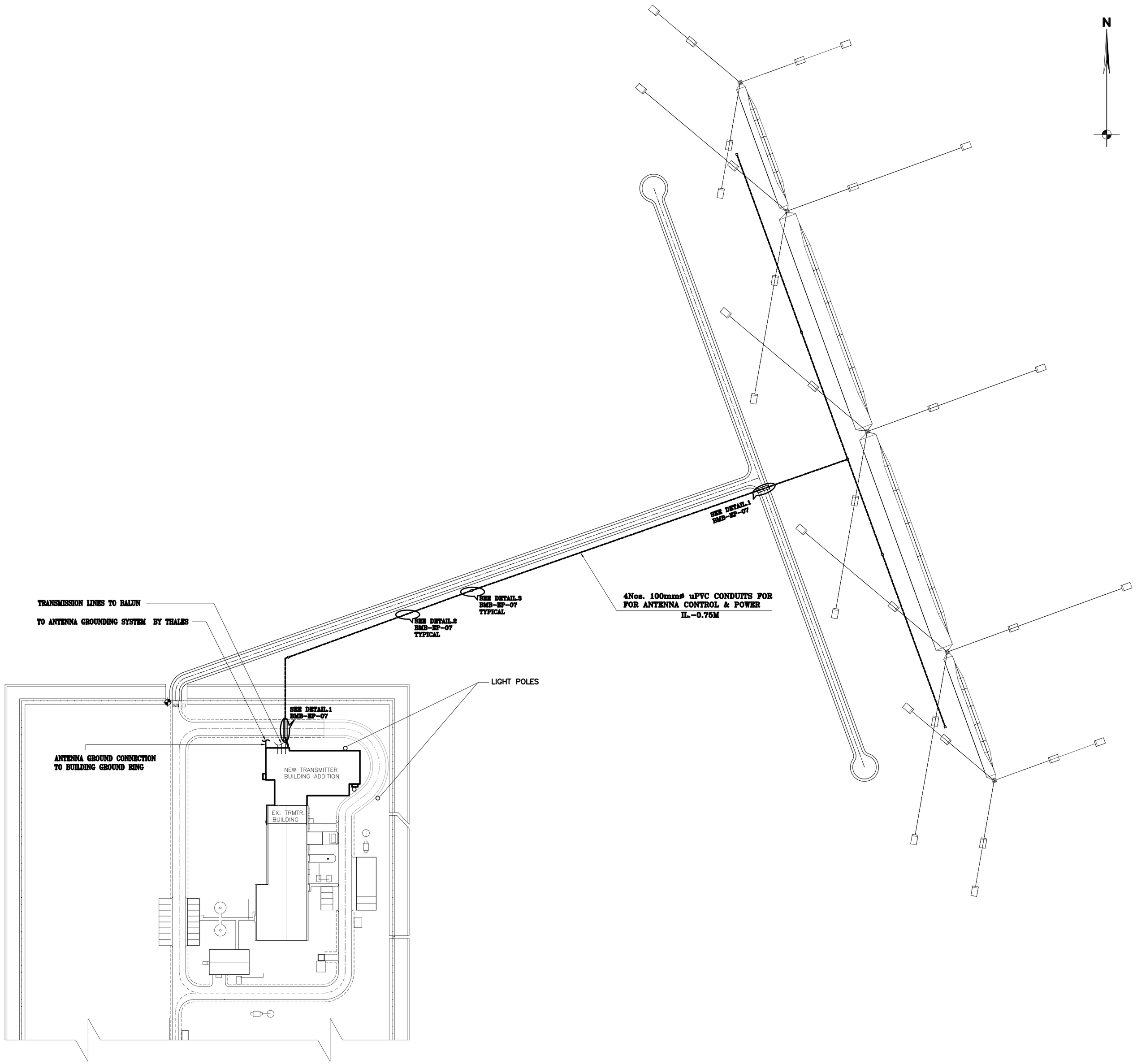


## NOTES:-

1. FOR SYMBOLS AND ABBREVIATIONS, SEE DWG BMB-EP-01
2. ALL EXTERIOR WIRING SHALL BE INSTALLED IN UNDERGROUND PVC CONDUIT AT A DEPTH OF MINIMUM 0.610M BELOW GRADE FOR COND. OPERATING AT 600V OR LESS AND 0.762M FOR ABOVE 600V.
3. ALL PVC DUCT INSTALLED BENEATH ROADWAYS SHALL BE INSTALLED IN PVC CONDUIT ENCASED WITH A 0.051M CONCRETE ENVELOPE HAVING MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
4. ALL PENETRATIONS OR STUB-UPS THROUGH GRADE FLOOR AND/OR BLDG. FOUNDATIONS SHALL BE MADE USING RGS OR IMC CONDUIT WHICH MUST BE SUITABLY PROTECTED FROM CORROSION WITH FIELD APPLIED TAPE WRAP OR FACTORY APPLIED COATING.
5. A 50mm BARE COPPER/DUCT CONDUCTOR (GUARD WIRE) TO BE INSTALLED ABOVE EACH CABLE RUN AND EXOTHERMICALLY BONDED TO THE GROUNDING ELECTRODE SYSTEM AT EACH END.
6. 2 COMPARTMENT HANDHOLE ONE FOR CONTROL AND ONE FOR POWER (DUCT IS TO BE TERMINATED IN HAND HOLE).

**AS BUILT**

GRAPHIC SCALE:

0 10m 20m 50m

SCALE: 1:1000 (METRIC)

SEAL:

| REV | DESCRIPTIONS | DATE | APPR |
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REVISIONS

CHECKED BY: B.S.M

APPROVED BY: B.S.M

SUB.CONT: **Bader AlMulla & Brothers Co.W.L.L (Engineering Group)**
P.O. Box No.177, SAFAT KUWAIT
Tel. 4815077; FAX; 4839725

| | | DATE |
|---|---|---|
| DRAWN | J.A.K | 10/9/03 |
| CHK. BY. | B.S.M | |
| ENGR. | B.S.M | |

APPROVALS

PROJ. MANAGER

**INTERNATIONAL BROADCASTING BUREAU ENGINEERING & TECHNICAL OPERATIONS WASHINGTON, D.C. 20547**

PROJECT: **SHORTWAVE EXPANSION PROJECT KUWAIT**

TITLE: SITE POWER, LIGHTING GROUNDING & COMMUNICATIONS PLAN

IQC No.

TASK No.

PROJ. No.

CAD DESIGN FILE NAME:

DWG. No. BMB-EP-06 | REV. O | DWG.REF. E03

SCALE: 1 : 1000 | SHEET | OF

CAD FILE : C:\VOA\SHOP DRG-BMB-EP-006