

CONTRACTOR COORDINATION NOTE:

CONTRACTOR TO INSTALL 3" DIA. - 36" GRS SWEEPS AT THE 25 KVA TRANSFORMER NEXT TO THE MALSR SHELTER (SHOWN HERE) WITH 3" SCH. 40 PVC CONDUIT IN-BETWEEN. MINIMUM DEPTH IS 36". CONTRACTOR TO INSTALL TRANSFORMER PAD PER UTILITY REQUIREMENTS.

CONTRACTOR TO INSTALL THE METER BASE, AND THE 3" GRS CONDUIT AND 3" - 36" SWEEPS BETWEEN THE MALSR SHELTER'S METER BASE AND THE NEW TRANSFORMER (SHOWN HERE). MINIMUM DEPTH IS 36".

CORNBELT ELECTRIC WILL INSTALL ALL CABLING BETWEEN THE FEED THROUGH TRANSFORMER AND THE METER BASE. CONTACT CE FIELD ENGINEER STEVE WHEELER AT 800-879-0339 EXT. 239.

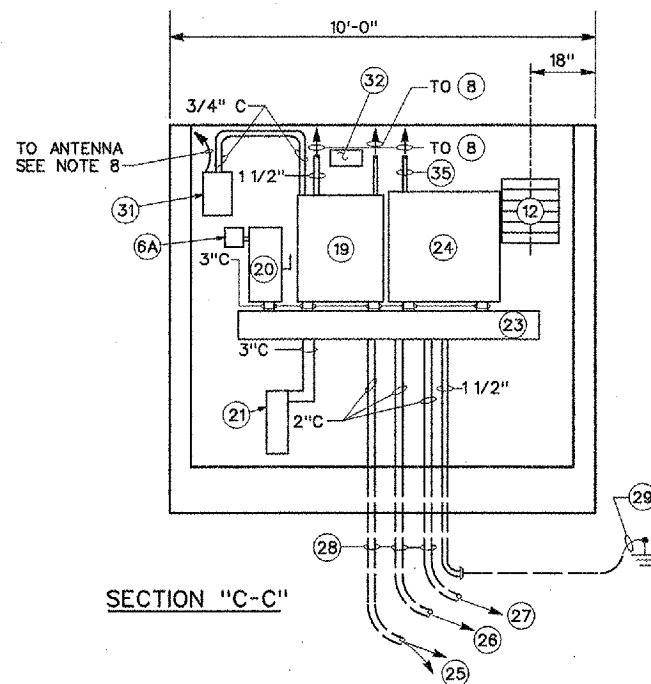
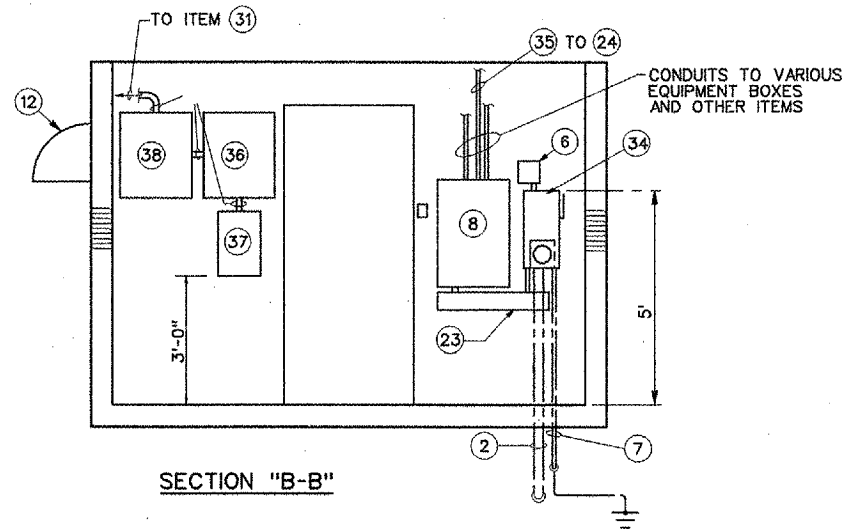
CONTRACTOR IS RESPONSIBLE FOR CONTRACTING WITH THE UTILITY AND PAYING ANY FEES ASSOCIATED WITH UTILITY FOR NEW SERVICE, NEW PRIMARY CABLING, REMOVING THE EXISTING TRANSFORMER, AND SPLICES IN PRIMARY CABLING.

GENERAL NOTES:

ALL CONTROL CABLE TERMINATIONS SHALL BE ACCOMPLISHED BY THE CONTRACTOR.

ALL CONDUITS EXITING SHELTER ARE GRS TYPE W/BUSHINGS TO 5' BEYOND COUNTERPOISE. FROM THIS POINT CABLES CONTINUE AS D.E.B.

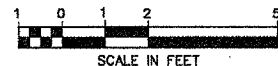
REMOVE A DEPTH OF 6" OF TOPSOIL, PLACE AND COMPACT CRUSHED AGGREGATE OVER GEOTEXTILE MATERIAL SO THAT THE TOP LEVEL OF AGGREGATE MATCHES SURROUNDING GRADE. AREAS RETAINING WATER WILL NOT BE APPROVED. INSTALL THE 6" DEEP CRUSHED ROCK SHELTER PARKING/TURNAROUND/ROADWAY IN ACCORDANCE WITH DETAIL "R" ON MISCELLANEOUS DETAILS - 2. SLOPE SURFACES AWAY FROM STRUCTURES TOWARD LOCAL DRAINAGE ACCESS POINTS.



NOTES: THE EQUIPMENT SHALL BE INSTALLED PER THE FOLLOWING NOTES:

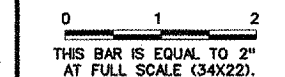
- FOR ELECTRICAL CONNECTIONS AND DEFINITIONS OF ITEMS (7) AND (11), SEE MALSR SYSTEM WIRING DIAGRAM SHTS 1 AND 2.
- ALL WALL PENETRATIONS SHALL BE CAULKED WITH SILICONE CAULK. MAKE NO ROOF PENETRATIONS.
- ALL CABINETS, PANELBOARDS, DISCONNECT SWITCH, AND OTHER EQUIPMENT, SHALL BE SECURELY LAG BOLTED TO THE PLYWOOD WALLS.
- INSTALL PER LIGHTNING PROTECTION DWG. THIS MALSR SHELTER HAS NO OUTSIDE JUNCTION BOX, FLIGHT CHECK ANTENNA, OR AIR CONDITIONER. LIGHTNING PROTECTION FEATURES FOR ALL OTHER ITEMS SHALL BE INSTALLED.
- INSTALL A 3/4" PVC CONDUIT THROUGH THE SHELTER WALL 2" BELOW CEILING, AND SEAL EACH END WITH A BUSHING AND PENNY. SEE NOTE 2.
- CABLING SHOWN ON MALSR SYSTEM WIRING DIAGRAM, BUT NOT SHOWN ON 10'x12' MALSR SHELTER SHEET 1, SHALL BE IN 3/4" (MIN) CONDUITS PER NATIONAL ELECTRIC CODE.
- THE VENT HOOD MATERIAL IS A MINIMUM 20 GAUGE GALVANIZED STEEL. THE VENT HOOD HAS A BIRD SCREEN AT THE BOTTOM END. THE SCREEN CONSISTS OF GALVANIZED STEEL HARDWARE CLOTH WITH 1/4" SQUARE MESH. THE SCREEN AND INTAKE FILTER IS EASILY REMOVABLE WITHOUT TOOLS, AND IS TOTALLY PROTECTED BY THE HOOD AGAINST RUNOFF.
- INSTALL A 4" X 4" JUNCTION BOX ON SHELTER WALL AND ROUTE COAXIAL ANTENNA CABLES FROM THE AIR-TO-GROUND RADIO RECEIVER (31), AND THE GROUND-TO-GROUND RADIO RECEIVER (38), TO THE JUNCTION BOX IN 3/4" EMT CONDUIT. INSTALL A 1" RIGID STEEL CONDUIT THROUGH THE BACK OF THE JUNCTION BOX AND THE SHELTER WALL. ROUTE COAXIAL ANTENNA CABLES THROUGH 1" CONDUIT TO REMOTELY MOUNTED RECEIVER ANTENNAS. SEE NOTE 2.

NOTE: EXISTING ITEMS (36) (37) AND (38) ARE TO BE RELOCATED FROM THE EXISTING EQUIPMENT RACK AND INSTALLED AS SHOWN HERE.



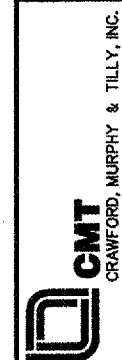
FOR NUMBERED LEGEND AND NOTES, SEE SHEET 3.

REVISIONS		
NUMBER	BY	DATE



BLOOMINGTON-NORMAL AIRPORT AUTHORITY  
CENTRAL ILLINOIS REGIONAL AIRPORT  
BLOOMINGTON, ILLINOIS

10'x12' MALSR SHELTER - 2



DESIGN BY:	TM
DRAWN BY:	CMT
CHECKED BY:	REN
APPROVED BY:	REN
DATE:	12/25/2004
JOB No:	030850300