



NOTES:

1. CONDUIT TO EXTEND 5 FEET BEYOND EMPLACEMENT.
2. CABLES/CONDUITS ARE ROUTED FROM SIDE OF BERM TO PREVENT CABLE DAMAGE FROM PROJECTILES DIGGING INTO THE BERM.
3. ROUTE UNDER SLAB TO THE SAME TRENCH THE POWER IS ROUTED IN.
4. ALL EQUIPMENT SHALL NOT BE MOUNTED HIGHER THAN 2" FROM TOP OF EMPLACEMENT WALL.
5. INSTALL POWER AND DATA ON THE FIRST 78" OF THE FRONT WALL CLOSEST TO DIRECTION OF FIRE.
6. WHEN FIBER OPTIC CABLE IS NOT USED, FIBER PATCH PANEL IS NOT REQUIRED.
7. THE ENDS OF THE CAT5E CABLES SHALL BE TERMINATED WITH A DATA SURGE PROTECTOR.
8. NOT USED.
9. WIRE THE DPR AHEAD OF THE GFCI MAINTENANCE RECEPTACLE TO AVOID NUISANCE TRIPPING.
10. PERMANENTLY LABEL THE EMPLACEMENT ACCORDING TO THE CIVIL AND ELECTRICAL DESIGNATIONS FOR
11. PROVIDE SEAL FITTINGS AS SHOWN ON SHEET ED-01 ON ALL NEMA 4, 4X, OR 6P RATED ENCLOSURES.
12. ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED.
13. IF TARGET IS BATTERY OPERATED WITH NO AC POWER PROVIDED, THE TARGET GROUND ROD SHALL BE INSTALLED WITH A 10' COILED #6 AWG BARE COPPER GROUND CABLE FOR FUTURE BONDING TO THE TARGET MECHANISM.
14. PROVIDE TARGET AND AUXILIARY OUTLETS WITH NEMA 3R WET LOCATION COVERS MAKING OUTLETS SUITABLE FOR USE IN WET LOCATIONS. SEE DETAIL ON SHEET ED-01 FOR WET LOCATION COVER. IN USE COVERS SUCH AS LEVITON M59X TYPE OUTLET COVER WILL NOT CLOSE OVER TARGET PLUG AND CORD.
15. DEVIATIONS TO THE EQUIPMENT SIZES, EQUIPMENT NUMBERS, RECEPTACLE COVERS, OR CABLE ENTRY METHODS INTO ENCLOSURES WILL REQUIRE RANGE TRAINING AND LAND PROGRAM HUNTSVILLE CENTER MANDATORY CENTER OF EXPERTISE CONTACT.

PANEL BOARD: MIT		LOCATION: XXXXXXX		MOUNTED: SURFACE		FEED: BOTTOM							
125 MAIN		MAIN LUGS OR FEED THRU LUGS		ASYM A.I.C MIN.: XXXXX									
VOLTAGE: 240/120		PHASE: 1		WIRE: 3		RATING: NEMA 3R							
LOAD SERVED	NO. POLES	TRIP AMPS	WIRE SIZE	VA/ PHASE		CKT NO.	CKT NO.	VA/ PHASE		WIRE SIZE	TRIP AMPS	NO. POLES	LOAD SERVED
				A	B			A	B				
SURGE ARRESTOR	2	----	---	---	---	1	2	1000		12	20	2	MIT (NEMA L14-20R, 2-NEMA L5-20R)
SPARE	1	20	---	---	---	5	6	50	1000	12	20	1	TDP AND MR
SPACE						7	8				20	1	SPACE
SPACE						9	10					1	SPACE
SPACE						11	12					1	SPACE
				0	0			1050	1000				
TOTAL VA PHASE A: 1050				TOTAL VA PHASE B: 1000				TOTAL CONNECTED WATTAGE: 2,050					
								DEMAND WATTAGE: 2,000					
								TOTAL DEMAND AMPS: 8					
SUPPLIED FROM: TRSF-XX													

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RANGE AND TRAINING LAND PROGRAM STANDARD DESIGN MANUAL

MOVING INFANTRY TARGET EMPLACEMENT