



3.0 FOUNDATIONS 1.0 DESIGN CRITERIA: 5.4 STRUCTURAL FASTENERS SHALL CONFORM TO THE FOLLOWING DESIGNATION: HXII .ISO 13918:2008 (414 MPa MIN. TENSILE STRENGTH) A. BUILDING CODES AND SPECIFICATIONS: 3.1 SEE CIVIL DRAWINGS AND SPECIFICATIONS (PART OF SITE ADAPTION) FOR EARTHWORK HEADED STUDS. US Army Corps PREPARATION OF FOUNDATIONS INCLUDING THE REMOVAL OF ORGANIC MATERIALS, COMPACTING 1. INTERNATIONAL BUILDING CODE 2015 (IBC) AS MODIFIED BY UFC 1-200-01 SOILS BENEATH STRUCTURES, BACK FILL REQUIREMENTS FOR OVER EXCAVATION AND REMOVAL OF 5.5 BOLTED CONNECTIONS SHALL CONFORM TO BS EN ISO 898-1:2013. ALL HIGH-STRENGTH of Engineers **Huntsville Center** 2. AMERICAN CONCRETE INSTITUTE (ACI 318) UNSUITABLE MATERIALS. BOLTS SHALL BE M20[10.9] UNLESS OTHERWISE NOTED. 3. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC 13th ED.) 4. AMERICAN WELDING SOCIETY, A.W.S. 5.6 WELDED CONNECTIONS SHALL CONFORM TO AWS D1.1 "STRUCTURAL WELDING CODE-STEEL". MINIMUM 3.2 MAXIMUM ASSUMED NET SOIL BEARING PRESSURE USED FOR DESIGN: 192 kPa (4000 PSF) SIZE FILLET WELDS SHALL BE 5 UNLESS OTHERWISE NOTED AND ELECTRODES SHALL BE E70xx. B. LIVE LOADS 3.3 ASSUMED UNIT WEIGHT OF SOIL USED FOR DESIGN: 1922 kg/m^3 (120 PCF) WELDERS SHALL BE QUALIFIED IN ACCORDANCE WITH AWS. ----- 4.80 kPa (100 PSF) 3.4 ALL FOUNDATION BEARING SURFACES SHALL BE REVIEWED BY THE GEOTECHNICAL 5.7 ALL EXTERIOR STEEL EXPOSED TO THE WEATHER SHALL BE HOT DIPPED GALVANIZED, UON ENGINEER PRIOR TO PLACING CONCRETE TO ENSURE THEIR COMPLIANCE WITH THE MEMBERS NOT REQUIRED FOR CORROSION PROTECTION SHALL RECEIVE ONE COAT OF STANDARD FLOOR---4.80 kPa (100 PSF) PRESSURES NOTE ABOVE. PRIMER PAINT. DO NOT PRIME OR PAINT SURFACES WHICH ARE TO RECEIVE FIELD WELDED HEADED **SNOW LOAD:** SHEAR STUDS. PROVIDE 75 MINIMUM CONCRETE COVER FOR ALL STEEL BELOW GRADE AND PAINT 3.5 ALL FOOTINGS SHALL PROJECT AT LEAST 460 INTO UNDISTURBED NATURAL SOIL OR WITH 2 COATS OF COAL TAR EPOXY. EPOXY COATING SHALL BE IN ACCORDANCE WITH EN ISO 12944-5. COMPACTED ENGINEERED FILL HAVING A SOIL BEARING PRESSURE THAT MEETS OR GROUND SNOW LOAD (Pg) = 2.87 kPa (60 PSF) IMPORTANCE FACTOR (I) = 1.2EXCEEDS THAT SPECIFIED ABOVE. 5.8 ALL STIFFENERS AND GUSSETS PLATES SHALL BE MINIMUM 10 THICK, UNLESS OTHERWISE NOTED. EXPOSURE CATEGORY (Ce) = 1.0 THERMAL CATEGORY (Ct) = 1.0 3.6 ALL DISTURBED EARTH UNDER FOOTINGS SHALL BE REPLACED WITH LEAN CONCRETE. 6.0 STRUCTURAL PRECAST CONCRETE 3.7 CONCRETE SHALL NOT BE PLACED OVER FROZEN SOIL OR FOOTING EXCAVATIONS C. WIND LOAD: SUBJECTED TO WATER. 6.1 ALL PRECAST ELEMENTS NOT DETAILED ON DRAWINGS SHALL BE DESIGNED FOR THE SPAN AND CONCRETE AND CONSTRUCTION LOADING CONDITIONS SHOWN ON THE DRAWINGS BY A LICENSED BASIC WIND SPEED: 225 km/h (140 MPH) IMPORTANCE FACTOR (I): 1.15 STRUCTURAL ENGINEER. ALL DESIGN CALCULATIONS, INCLUDING THE DESIGN OF ALL STRUCTURAL ELEMENTS AND LIFTING POINTS SHALL BE SUBMITTED TO THE CONTRACTING OFFICER FOR REVIEW EXPOSURE CATEGORY: C 4.0 CONCRETE **ENCLOSURE CLASSIFICATION: ENCLOSED** PRIOR TO THE START OF FABRICATION. 4.1 ALL CONCRETE WORK INCLUDING DETAILING, FABRICATION, PLACEMENT OF REINFORCING, MIXING, D. EARTHQUAKE: HANDLING, PLACING, FINISHING, AND CURING SHALL CONFORM TO THE FOLLOWING DOCUMENTS OR 6.2 THE PRECAST MANUFACTURER SHALL BE RESPONSIBLE FOR COORDINATION OF ALL DISCIPLINES AS **EUROPEAN EQUIVALENT:** THEY EFFECT THE PRECAST ELEMENTS. RISK CATEGORY=III ACI 301----"STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE" 6.3 THERE SHALL BE NO FIELD CUTTING OF PRECAST ELEMENTS WITHOUT THE APPROVAL OF THE le= 1.25 ACI 315----"MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE Ss= 1.1 CONTRACTING OFFICER. Sds = 0.78ACI 318----"BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" 6.4 CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT TWENTY-EIGHT DAYS OF S1 = 0.52Sd1 = 0.5230 MPa (C30/37). 4.2 ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 30 Mpa (C30/37) AT 28 DAYS, U.O.N. SITE CLASS: D (ASSUMED) BASIC SEISMIC-FORCE RESISTING SYSTEM= ALL CONCRETE SHALL CONFORM TO EN 1992-1-1, SECTION 3.1. 6.5 ALL GROUT SHALL BE NON-SHRINK, NON-METALLIC WITH F'c = 35 Mpa (5000 PSI). INTERMEDIATE PRECAST SHEAR WALLS, R = 4 SEISMIC DESIGN CATEGORY= D 4.3 REINFORCING BARS SHALL BE DEFORMED TYPE CONFORMING TO BS EN 10080, GRADE B500A OR B500C. GRADE B500C REQUIRED IN PRECAST ROOF PANELS. ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE 7.0 LIGHTNING PROTECTION SYSTEM (LPS) E. SOILS 4.4 FABRICATE AND PROVIDE BAR SUPPORTING ACCESSORIES IN ACCORDANCE WITH ACI MANUAL 7.1 ALL METAL PARTS, TO INCLUDE REINFORCEMENT IN FLOOR, PRECAST WALLS AND ROOF PANELS, OF STANDARD PRACTICE AND C.R.S.I. SPECIFICATIONS. REINFORCING SHALL NOT BE WELDED LOUVERS, VENTILATORS, DOORS AND DOOR FRAME, SHALL BE MADE ELECTRICALLY CONTINUOUS SOIL DENSITY (\(\chi\)): 1922 kg/m3 (120 PCF) IN ANY MANNER U.O.N. IN CONSTRUCTION DOCUMENTS. BY BONDING (CLIPPING, BRAZING OR TACK WELDING) AT 1500 LINEAR MILLIMETERS INTERVALS. ANGLE OF INTERNAL FRICTION OF THE SOIL (Φ): 30 DEGREES ELECTRICAL CONTINUITY SHALL BE PROVIDED ACROSS FLOOR EXPANSION AND ISOLATION JOINTS EQUIVALENT FLUID PRESSURE (EFP) AT-REST : 293 Kpa (60 PSF) PER FOOT OF DEPTH 4.5 REINFORCING BARS SHALL BE CONTINUOUS WITH CLASS "B" TENSION LAP SPLICES COMPLYING TO FOUNDATION PEDESTALS AND PRECAST ROOF PANELS, AND BETWEEN PRECAST WALLS AND EQUIVALENT FLUID PRESSURE (EFP) ACTIVE: 195 Kpa (40 PSF) PER FOOT OF DEPTH WITH ACI 318M, U.O.N. CONCRETE PEDESTAL FOOTING SHALL BE PROVIDED DURING CONSTRUCTION. ACCEPTABLE CONTINUITY METHODS ARE REINFORCING BARS (MINIMUM OVERLAP SHALL BE 20 BAR DIAMETERS). 2.0 GENERAL 4.6 CONCRETE COVERAGE OF REINFORCEMENT FOR CAST-IN-PLACE CONSTRUCTION U.O.N.: COPPER STRAPS, ETC. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING LPS. 2.1 CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS PRIOR TO **CONCRETE CAST AGAINST EARTH:.** ..75mm (3 INCHES) CONSTRUCTION/FABRICATION. CONTRACTOR SHALL NOTIFY CONTRACTING OFFICER FORMED CONCRETE EXPOSED TO EARTH OR WEATHER: OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ø16 BAR AND LARGER. .50mm (2 INCHES) ø14 BAR AND SMALLER. .40mm (1 1/2 INCHES) 2.2 THE STRUCTURE (MEMBERS AND CONNECTIONS) HAS BEEN DESIGNED TO SUPPORT CONCRETE NOT EXPOSED TO WEATHER: IN-PLACE DESIGN LOADS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LIMITING SLABS, WALLS, JOISTS.. .25mm (1 INCHES) CONSTRUCTION LOADS SUCH THAT THESE LOADS DO NOT EXCEED THE DESIGN LOADS BEAMS AND COLUMNS. ..40 mm (1 1/2 INCHES) NOTED ABOVE DESIGNER NOTES: TO BE REMOVED WHEN PREPARING CONSTRUCTION DRAWINGS FOR SITE ADAPTION OF THIS DESIGN. 2.3 IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE CONSTRUCTION METHODS. 4.7 PROVIDE REINFORCING BARS IN CONCRETE FOOTINGS TO MATCH THE SIZE AND SPACING OF THE HORIZONTAL REINFORCING AT ALL CORNERS AND INTERSECTIONS OF STRIP FOOTINGS. PROVIDE LEG LENGTH EQUIVALENT PROCEDURES, AND SEQUENCES TO ENSURE STABILITY AND SAFETY DURING CONSTRUCTION. . THE MAGAZINE HAS BEEN ANALYZED FOR THE LOADS LISTED ON THIS SHEET AND DETERMINED ENG AND TER, TO CLASS "A" TENSION LAP SPLICE U.O.N. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT AND MAINTAIN THE TO BE ADEQUATE UNDER THESE LOADINGS. HOWEVER, THE DESIGNER SHOULD VERIFY THE STRUCTURAL INTEGRITY OF ALL NEW AND EXISTING CONSTRUCTION AT ALL STAGES. STRUCTURE FOR THE SITE-SPECIFIC LOADING CRITERIA. IF SITE-SPECIFIC LOADS EXCEED ARMY CORPS OF I ENGINEERING / SUPPORT CENT 4.8 PROVIDE DOWEL TO FOUNDATION WITH 90 DEGREE HOOK TO MATCH SIZE AND SPACING OF VERTICAL THESE LISTED ON THIS SHEET. THE DESIGNER SHOULD ADDRESS ALL DEFICIENCIES THAT 2.4 SECTIONS AND DETAILS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE CONSIDERED REINFORCING AT ALL PEDESTALS, WALLS, AND COLUMNS. DO NOT MEET CURRENT BUILDING CODES. TYPICAL FOR SIMILAR CONDITIONS THAT DO NOT HAVE A SPECIFIC SECTION INDICATED. 4.9 FOOTINGS AND SLABS SHALL HAVE NO HORIZONTAL JOINTS (POURED TO THEIR FULL DEPTHS IN 2. FOUNDATIONS SHALL BE REVISED TO REFLECT SPECIFIC SITE SOIL CONDITIONS INCLUDING 2.5 THE CONTRACTOR SHALL COORDINATE STANDARD DRAWINGS WITH THE VENDOR/MANF. ONE OPERATION). ANY STOP IN CONCRETE WORK SHALL BE BULKHEAD AND KEYED, U.O.N. LOCAL SITING, TOPOGRAPHIC CONDITIONS, AND FROST PENETRATION DEPTHS. SHOP DRAWINGS TO VERIFY SIZES AND LOCATIONS OF OPENINGS, SLEEVES, INSERTS, DEPRESSIONS, FINISHES, SLOPES, ETC. ANY DISCREPANCY SHALL BE BROUGHT TO 4.10 REINFORCEMENT SHALL NOT BE BENT OR STRAIGHTENED IN A MANNER THAT WILL DAMAGE THE 3. STRUCTURAL COMPONENTS. WITH THE EXCEPTION OF THE FOUNDATION (FOOTINGS). THE ATTENTION OF THE CONTRACTING OFFICER. MATERIAL. BARS WITH WITH KINKS OR IMPROPER BENDS SHALL NOT BE USED. SLAB-ON-GRADE, AND WING WALLS SHALL NOT BE MODIFIED WITHOUT THE APPROVAL OF THE CONTRACTING OFFICER, WHO SHOULD CONSULT WITH THE U.S. ARMY ENGINEERING 4.11 REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS, BUT DISCONTINUOUS 2.6 SEE CIVIL SITE LAYOUT DRAWINGS (PART OF SITE ADAPTION) FOR ACTUAL FINISHED FLOOR AND SUPPORT CENTER, HUNTSVILLE (STRUCTURAL BRANCH). STRUCTURE HAS BEEN ELEVATIONS (F.F.E.) FOR ALL BUILDINGS. ELEVATIONS SHOWN IN STRUCTURAL DOCUMENTS THROUGH ALL CONTROL JOINTS, U.O.N., DETERMINED TO BE ADEQUATE FOR THE DESIGN CRITERIA LISTED ON THIS SHEET. WILL BE BASED ON REFERENCED F.F.E. EQUAL TO 0.0. U.O.N. 4.12 ALL FORMED CONCRETE SURFACES THAT ARE EXPOSED TO VIEW SHALL HAVE SURFACE IRREGULARITIES SHEETS S704 (HIGH SECURITY HASP) AND S704(A) (ILD) IDENTIFY TWO DIFFERENT 2.7 ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS, REFERENCE STANDARDS, OR LESS THAN 13 mm WITHIN A 1.5 METER LENGTH WHEN MEASURED WITH A STRAIGHT EDGE. CONCRETE BELOW LOCKING SYSTEMS. THE DESIGNER SHALL VERIFY WITH THE CONTRACTING GRADE OR NOT EXPOSED TO VIEW SHALL HAVE SURFACE IRREGULARITIES LESS THAN 25mm WITHIN A 1.5 GOVERNING CODE, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN. CONTRACTOR OFFICER THE CORRECT LOCKING SYSTEM REQUIRED AND REMOVE THE REDUNDANT SHALL NOTIFY THE CONTRACTING OFFICER OF DISCREPANCIES AND OBTAIN DIRECTION METER LENGTH WHEN MEASURED WITH A STRAIGHT EDGE. SHEETS FROM THE CONSTRUCTION CONTRACT DOCUMENTS FOR THE SYSTEM NOT USED. PRIOR TO PROCEEDING. 4.13 REFER TO GEOTECHNICAL REPORT FOR RECOMMENDATIONS RELATIVE TO SUBGRADE PREPARATION 2.8 CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING OF ALL STRUCTURAL FOR SLAB ON GRADE WORK. WORK, AND SOIL EXCAVATION AS REQUIRED. SHORING AND BRACING SHALL NOT BE STRUCTURAL DESIGNATION (7-BAR) NOTES: REMOVED UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE DRAWINGS, AND MATERIALS HAVE ACHIEVED DESIGN STRENGTH. 5.0 STRUCTURAL STEEL I. ANY DEVIATION FROM THE STANDARD APPROVED DESIGN DRAWINGS FOR THE CONCRETE HEADWALL, STEEL DOOR, CONCRETE ROOF OR THEIR SUPPORTS WITHOUT WRITTEN 2.9 ALL DIMENSIONS SHOWN ARE IN MILLIMETERS (MM) UNLESS OTHERWISE SHOWN. 5.1 STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO APPROVAL FROM THE DEPARTMENT OF DEFENSE EXPLOSIVE SAFETY BOARD (DDESB) A.I.S.C.'S "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" OR EUROPEAN EQUIVALENT. MAY REQUIRE THE MAGAZINE TO BE CONSIDERED AN UNDEFINED MAGAZINE AND MAY SEVERELY RESTRICT THE ALLOWABLE STORAGE CAPACITY. 5.2 STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING DESIGNATIONS FOR THE DOOR CONSTRUCTION: . IF CONSTRUCTED PER THESE DRAWINGS, FACILITY MEETS BLAST-RESISTANT DESIGN CRITERIA FOR A 7-BAR STRUCTURAL DESIGNATION PER DOD 6055.09-M AND NATO AASTP-1 STEEL CHANNELS, ANGLES, PLATES AND BARS... ..BS EN 10025, S355 THIS DESIGNATION IN NO WAY IMPLIES VALIDATION OF THE DESIGN AGAINST OTHER LOAD CASES. Sheet reference ..BS EN 10025, S355 RECTANGULAR, SQUARE, AND ROUND HSS.. number: 5.3 STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING DESIGNATIONS FOR ALL OTHER S-001 CONSTRUCTION: W SHAPES. .BS EN 10025, S235 Sheet <u>3</u> of <u>25</u> STEEL CHANNELS, ANGLES, PLATES AND BARS.. ..BS EN 10025, S235 RECTANGULAR, SQUARE, AND ROUND HSS. .BS EN 10025, S235

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						US Army Corps of Engineers Huntsville Center
	SP	ECIAL INSPE	CTION SCHEDULE/VERIFICATION			
ITEM	EXTENT OF	REFERENCE	COMMENTS/SCOPE			Appr.
CONCRETE CONSTRUCTION	INSPECTION 1			DESIGNER NOTES: TO BE REMOVED WHEN PREPARING COLFOR SITE ADAPTION OF THIS DESIGN.	NSTRUCTION DRAWINGS	
REINFORCING STEEL PLACEMENT	Р	,	INSPECT SIZE, SPACING, COVER, POSITIONING AND GRADE OF REINFORCING STEEL. VERIFY THAT REINFORCING BARS ARE FREE OF FORM OIL OR OTHER DELETERIOUS MATERIALS. INSPECT BAR LAPS AND MECHANICAL SPLICES. VERIFY THAT BARS ARE ADEQUATELLY TIED AND SUPPORTED ON CHAIRS OR BOLSTERS	1. SPECIAL INSPECTION SCHEDULE SHALL BE REVISED TO F REQUIREMENTS IN ACCORDANCE WITH CHAPTER 17 OF T HOWEVER, AT A MINIMUM THE SPECIAL ITEMS RELATED T	HE INTERNATIONAL BUILDING CODE; O THE 'OTHER EXPLOSIVES SAFETY	Date
WELDING OF RIENFORCEMENT	C, P	AWS D1.4, ACI 318:3.5.2	VISUALLY INSPECT ALL REINFORCING STEEL WELDS. VERIFY WELDABILITY OF REINFORCING STEEL. INSPECT PREHEATING OF STEEL WHEN REQUIRED.	RELATED ITEMS' SHALL BE INSPECTED AS SHOWN ON TH	S SCHEDULE.	
CONCRETE PLACEMENT	С	ACI 318: 5.9, 5.10	INSPECT PLACEMENT OF CONCRETE. VERIFY THAT CONCRETE CONVEYANCE AND DEPOSITING AVOIDS SEGREGATION OR CONTAMINATION. VERIFY THAT CONCRETE IS PROPERLY CONSOLIDATED			sions
SAMPLING AND TESTING OF CONCRETE	С	ASTM C 172 ASTM C 31	TEST CONCRETE COMPRESSIVE STRENGTH, SLUMP, AIR-CONTENT AND TEMPERATURE			Revi:
CURING AND PROTECTION	Р	ACI 318: 5.6, 5.8 ACI 318: 5.11-5.13	INSPECT CURING, COLD WEATHER PROTECTION AND HOT WEATHER PROTECTION PROCEDURES			
FORMWORK	Р	ACI 318: 6.1.1	INSPECT FORWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED			
PRECAST CONCRETE PLANT CERTIFICATION/QUALITY CONTROL	S		REVIEW OF PLANT OPERATIONS AND QUALITY CONTROL PROCEDURES			ription
PROCEDURES MIX DESIGN	S		INSPECT CONCRETE BATCHING OPERATIONS AND VERIFY COMPLIANCE WITH APPROVED MIX DESIGN			Desc
MATERICAL CERTIFICATION REINFORCEMENT INSTALLATION	S P		REVIEW FOR CONFORMANCE TO ACI 318 INSPECT SIZE, SPACING, POSITION AND GRADE OF REINFORCING STEEL			
CONNECTIONS/EMBEDDED ITEMS	Р		INSPECT INTERFACE CONNECTIONS INCLUDING END AND EDGE DOWELING. INSPECT EMBEDMENTS FOR PROPER LOCATION AND WELDING OF CONNECTIONS			
CONCRETE PLACEMENT	С	ACI 318: 5.9, 5.10	INSPECT PLACEMENT OF CONCRETE. VERIFY THAT CONCRETE CONVEYANCE AND DEPOSITING AVOIDS SEGREGATION OR CONTAMINATION. VERIFY THAT CONCRETE IS PROPERLY CONSOLIDATED			118
SAMPLING AND TESTING CURING AND PROTECTION	C P					UST 2(
ERECTED PRECAST ELEMENTS	С	ACI 318: Ch. 16	INSPECT ERECTION OF PRECAST CONCRETE INCLUDING MEMBER CONFIGURATION, CONNECTIONS, WELDING AND GROUTING			AUG!
DOOR CONSTRUCTION FABRICATOR CERTIFICATION/QUALITY CONTROL	· c		REVIEW OF FABRICATOR'S QUALITY CONTROL PROCEDURES OR AISC CERTIFICATION			Date. Scale Drawi
PROCEDURES FABRICATOR INSPECTION	P		INSPECT IN-PLANT FABRICATION, OR REVIEW FABRICATOR'S APPROVED INDEPENDENT INSPECTION AGENCY'S			
	'		REPORTS			
SPECIAL ITEMS RELATED TO THE OTHER EXPLOSIVES SAFETY RELATED ITEMS						JMU
REBAR FARADAY-SHIELD	Р	DWGS E-101; E-102	INSPECT REINFORCING STEEL TO ENSURE ELECTRICAL CONTINUITY BETWEEN THE CAP, WALLS, SLAB AND FOUNDATION THROUGH BONDING WELDS. DOCUMENT BONDS WITH PHOTOS AND CONTINUITY TEST.			əd by: by: d by:
ECM GROUNDNG	Р	DWGS E-101; E-102	FOUNDATION THROUGH BONDING WELDS. DOCUMENT BONDS WITH PHOTOS AND CONTINUITY TEST. VISUALLY INSPECT TO ENSURE ECM FOUNDATION IS BONDED TO THE GROUNDING SYSTEM. DOCUMENT WITH PHOTOS.			Jesigne Trawn thecker
GROUNDING SYSTEM	Р	DWGS E-101; E-102,	VISUALLY INSPECT GROUNDING SYSEM CONDUCTORS TO ENSURE NO DAMAGE, BREAKAGE, OR CORROSION HAS OCCURRED TO THE CONDUCTORS DURING INSTALL AND BEFORE EARTH BURIAL.			οί Π Π Ο
INDIVIDUAL BONDS	Р		INSPECT ALL BONDS FOR LOOSE CONNECTIONS THAT MIGHT RESULT IN HIGH-RESISTANCE CONNECTIONS.			SINEER
LPS COMPONENTS	P	NFPA 780, 8.9	INSPECT LPS COMPONENTS FOR SECURE MOUNTING AND PROTECTION AGAINST ACCIDENTAL MECHANICAL			F ENG 3 AND NTER,
LPS TESTING	S	NFPA 780, 8.9	DISPLACEMENT. PERFORM BONDING TEST ACROSS EACH BOND, AND AN EARTH ELECTRODE TEST OF THE LPS.			PS OI ERINC T CEI
EARTH COVER	Р	DWGS S-301-302	INSPECT DEPTH GAUGES ON ROOF PRIOR TO EARTH COVER PLACEMENT FOR SIZE AND STABILITY. INSPECT EARTH COVER DEPTH AND SLOPE TO ENSURE A 610 MIN. IS PROVIDED ABOVE STRUCTURE			RMY CORPS OF E ENGINEERING A SUPPORT CENT UNTSVILLE, ALA
1 INSPECTION INTERVALS ARE AS FOLLOWS:		SPE	CIAL INSPECTION NOTES:			RMY ENC SUF TUNT
C - Continuous: The full-time observation of work requiri			ecial inspector who is present in the area where the work is being performed approved special inspector who is present in the area where the work has been or is being performed and at the completion of the			U. S. A
S - Submittal 2 STRUCTURAL TEST AND SPECIAL INSPECTIONS AF						m Z
3 CONTRACTOR SHALL HIRE A QUALIFIED INSPECTION CONTRACTING OFFICER FOR EACH DAY SPECIAL I			RM SPECIAL INSPECTIONS AND TESTING IN ACCORDANCE WITH THE IBC. SUBMIT INSPECTION REPORTS TO THE DRMED.			AZINE RSIOI S
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