

(Rev. 10/87)

LIST OF GUIDE SPECIFICATIONS USED BY PUBLIC WORKS, CAMP LEJEUNE
AND THE ATLANTIC DIVISION, NAVAL FACILITIES ENGINEERING COMMAND

Just prior to writing specifications for 90 percent submittal, please contact this office and we will furnish you with the latest guide specifications if dates have changed from the following list. Numbers preceded by "TS" or "NFGS" are NAVFAC Guide Specifications. Numbers preceded by "TS" or "NFGS" and followed by an "L" are Regional Guide Specifications.

Asbestos Handling in Repair Projects (4/85)
Instructions to A&Es and Typists (11/85)
LANTDIV Interim Specification Revisions (1/87)
LANTDIV Standard Index of Plates, Sketches and Details (11/85)
List of Guide Specifications (This document) (10/87)
Proprietary Requirements (2/82)
Reservation of Review and Approval by the Government of Project Submittals on Construction Contracts (6/86)
Roofing Design Criteria (issued 7/85)

DIVISION 1. GENERAL REQUIREMENTS

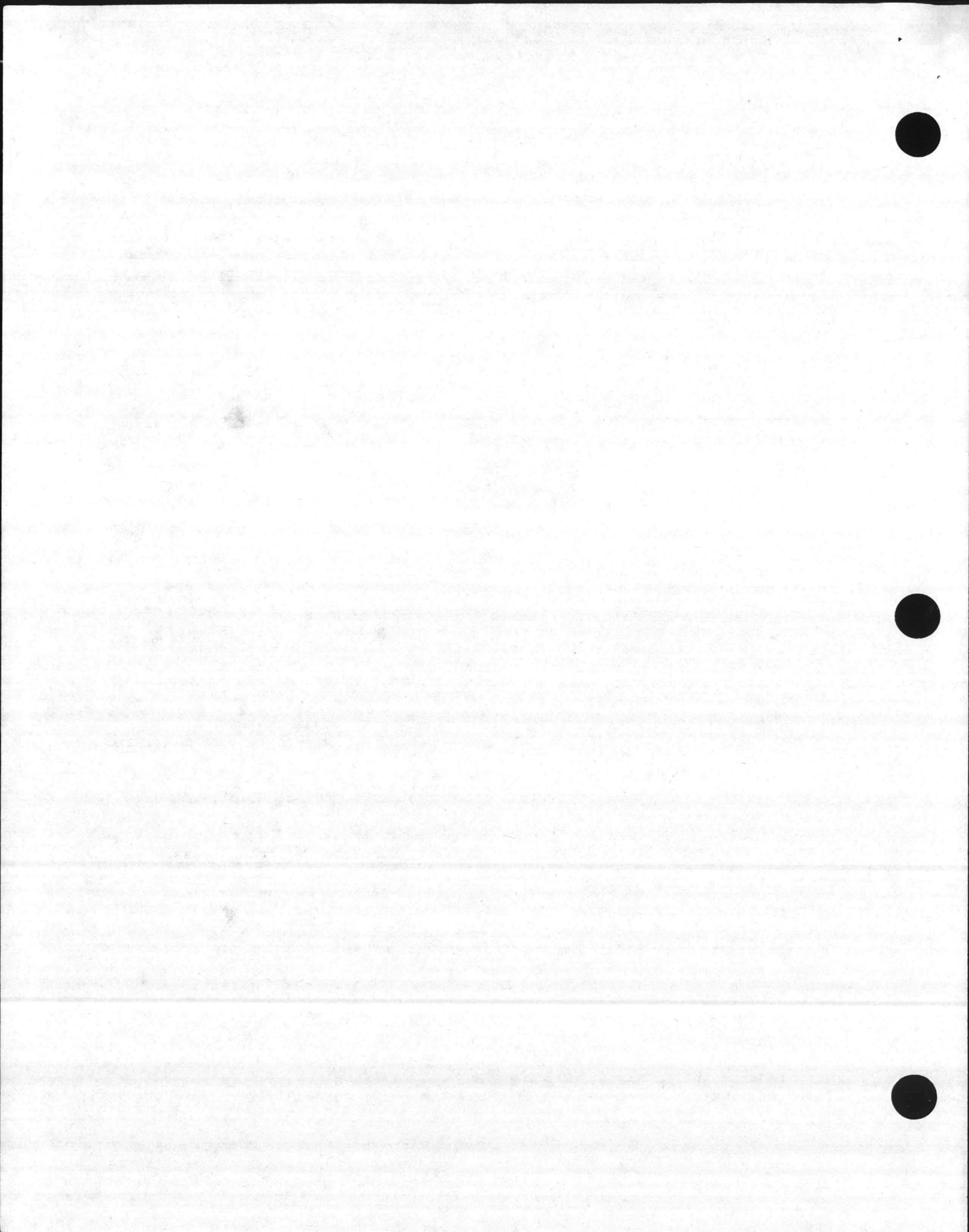
CLGS DIV 1*

- * Cover Sheet, Contents (Technical)
- * Contents (Bidding/Contract Documents)
- * CLGS-00101 Instructions to Bidders (10/87)
- * CLGS-01010 General Paragraphs (10/87)
- * CLGS-01011 Additional General Paragraphs (10/87)
- NFGS-01013 CPM-Network Analysis System (7/82) (Annotated)
- CLGS-01040 Cutting and Patching
- CLGS-01060 Traffic Safety
- CLGS-01180 Requirements for Working Family Housing Areas
- [NFGS-01400 Contractor Quality Control Systems (Contract of \$2 million or over)] (11/86)
- OR-
- [NFGS-01401 Contractor Inspection Systems (Contract \$2 million or less)] (10/86)
- CLGS-01543 Airfield Safety Precautionss Areas (4/77)
- CLGS-01544 Procedures for Entry into Dangerous Training Areas
- NFGS-01560 Environmental Protection (09/86)
- [CLGS-01560.1 Environmental Protection [work without earthwork transformers, oil filled ext. circuit breakers]]
- OR-
- [CLGS-01560 Environmental Protection (Long version for projects with earthwork)]
- NFGS-01730 Operation and Maintenance Manuals (8/85) (Draft)

* included in assembled CLGS Division 1 document. All others must be ordered separately.

Camp Lejeune Public Works Specification and Estimates Branch
Point of Contact: Joyce Hoopes or Jim Fitch (919) 451-5507 (if busy - 451-2213)

CLGS = Guide Specification Prepared by Public Works, Camp Lejeune

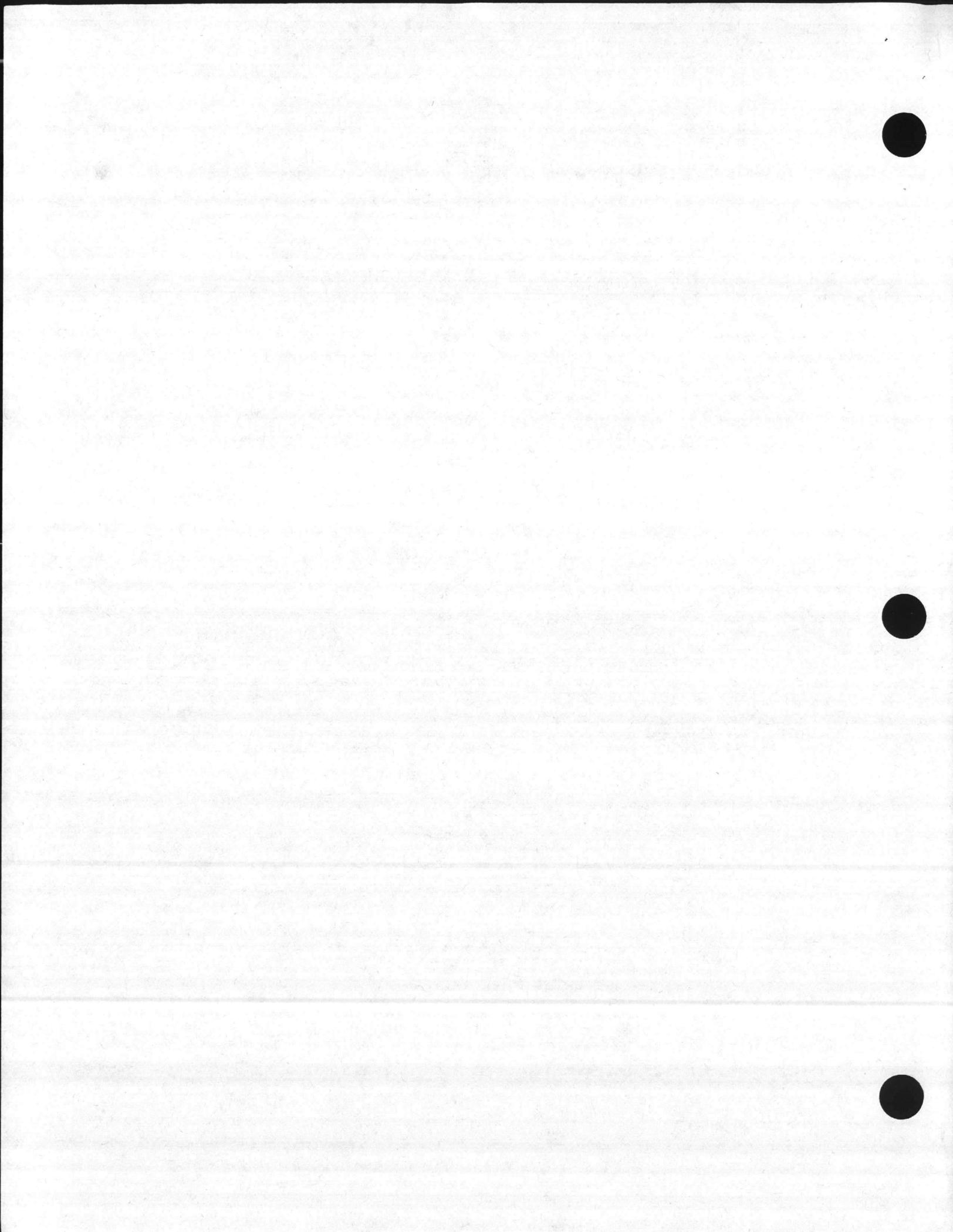


DIVISION 2. SITE WORK

CLGS-02000	Minimum General Requirements [Reference to HUD Minimum Standard]
NFGS-02050	Demolition and Removal (3/84)
NFGS-02080	Removal and Disposal of Asbestos Materials (1/87)
CLGS-02080	Removal and Disposal of Asbestos Materials (11/86)
CLGS-02201	Earthwork (7-84 Rev. 8-87)
NFGS-02221	Earthwork for Structures and Pavements (10/84)
NFGS-02225	Excavation, Backfilling, and Compacting for Utilities (1/85)
NFGS-02232	Select Material [Base Course for Rigid] [&] [Subbase Course for Flexible] Pavement (6/85)
* NFGS-02234	Bituminous Base Course (8/85) Asphaltic Concrete Base Course (8-85)
NFGS-02247	Portland Cement Stabilized [Base][or][Subbase] Course for Airfields, Roads & Streets (3/83)
NFGS-02248	Lime Treated Subgrade (Lime Modified Soils) (10/85)
NFGS-02250	Soil Treatment for Subterranean Termite Control (8/85)
NFGS-02311L	Pipeline Casing Under [Railroad] [and] [Pavement] (10/81)
NFGS-02361L	Round Timber Piles (12/85)
NFGS-02362	Round Timber - Concrete Composite Piles (8/85)
NFGS-02363	Cast-in-Place Concrete Piling, Steel Casing (8/81)
NFGS-02367L	Prestressed Concrete Piling (4/86)
NFGS-02368	Rolled Steel Section Piles (3/85) (Draft)
NFGS-02369	Pressure-Injected Footings (3/84) (formerly TS-02325)
CLGS-02369	Steel H-Piling
NFGS-02369.1	Steel Sheet Piles (9/83)
NFGS-02371	Auger Placed Grout Piles (8/84) (formerly TS-02362.3)
NFGS-02383	Drilled Foundation Caissons (Piers) (8/84) (formerly TS-02372)
CLGS-02433	Reinforced Concrete Pipe Work
NFGS-02441	Underground Sprinkler Systems (2/84)
NFGS-02444	Fence, Chain-Link (10/83)
CLGS-02444	Chain Link Fence
NFGS-02452	Railroad Trackwork (9/84) and Amendment 1 (5/85)
NFGS-02453	Welding Crane and Railroad Rail - Termite Method, (7-87) (Supersedes NFGS-02910)
NFGS-02482	Dredging (10/86) and Amendment 1 (11/86)
NFGS-02483	Wood Marine Piling (3/85) (formerly NFGS-02365)
NFGS-02491	Pier Timberwork (2/86) (formerly 02891)
CLGS-02520	Terra Cotta Downspout Receivers
NFGS-02543	Coal Tar Seal Coat with Unvulcanized Rubber (9/85)
* NFGS-02555	Bituminous Surface Treatment (7/84)
* NFGS-02557	Bituminous Prime Coat (7/84)
* NFGS-02558	Bituminous Tack Coat (9/85)
NFGS-02559	Portland Cement Concrete Pavement for Roads and Airfields (10/83)
NFGS-02560	Bituminous Seal Coat (7/84)
NFGS-02561	Joints, Reinforcement, and Mooring Eyes in Concrete Pavement (10/84) (formerly TS-02614)
NFGS-02562	Resealing of Joints in Rigid Pavement (10/84) (formerly TS-02616)
* NFGS-02573	Bituminous Hot Mix Pavement(3/84)w/Amend.1 (8-85)(formerly TS-02681)
NFGS-02576	Asphalt Slurry Seal (9/85)
NFGS-02577	Pavement Markings (Airfields and Roads) (7/84)
NFGS-02578	Rubber and Paint Removal From Airfield Pavements (6/86)
* CLGS-02600	Asphaltic Concrete Pavement and Patchwork
CLGS-02601	Asphaltic Concrete sufracing and Patching (7-87)
NFGS-02622.1	Fiberglass Reinforced Plastic (FRP) Piping (4/81)
NFGS-02682L	Exterior Fuel Distribution (7/85) (Approved by NAVFAC)
NFGS-02683	Exterior Aviation Fuel Distribution (7-87) (Draft)
* TS-02690L	Pavement Removal & Replacement (VA & NC)(2/80)
NFGS-02694	Exterior Steam Distribution Systems (and Buired Piping) (7-87)
NFGS-02695	Exterior Steam Distribution (7-87) (Draft)
NFGS-02697	Exterior Buried Pumped Condensate Return System (7-87) (Draft)
NFGS-02698	Exterior Buried Preinsulated Water Piping (7/85)
NFGS-02713L	Exterior Water Distribution System (3/83) (Approved by NAVFAC)
CLGS-02718	Steam Pit Covers
NFGS-02720L	Storm Drainage System (7/85)
TS-02722	Exterior Sanitary Sewer System (10-81)
NFGS-02734	Rotary-Drilled Water Well (3/84)
NFGS-02776	Pond and Reservoir Liners (1/85)
CLGS-02822	Re-Establishing Vegetation with American Beachgrass
CLGS-02823	Re-Establishing Vegetation (See also NFGS 02485L)
NFGS-02930	Turf (2-87) (Supersedes NFGS-02485)
TS-02931L	Fender System Timberwork and Piles (6/80) (Draft)
NFGS-02950	Trees, Plants, and Ground Covers (3-87) Supersedes NFGS 02490)
CLGS-02990	Removal of Fire Damaged Material (See also CLGS 02991 and 09999)
CLGS-02991	Cleaning Smoke Damaged Facilities and Replacing Broken Glass
CLGS-02995	Guardrail (11/86)
CLGS-02999	Adjustment of [Catch Basins,] [Manholes,] [Drop Inlets,] [Meter Boxes,] [&] [Valve Boxes]

* CLGS-02600 AND/OR NC DOT STD. HIGHWAY SPEC. COVER THESE, AND WILL YIELD LOWER BIDS.

CLGS = Guide Specification Prepared by Public Works, Camp Lejeune



DIVISION 3. CONCRETE

CLGS-03300 Cast-in-Place Concrete (one page version)
NFGS-03300 Cast-in-Place Concrete (3/85 Draft)
NFGS-03302 Cast-in-Place Concrete (Minor Bldg. Constr.) (10/86)
NFGS-03361 Shotcrete (4/85) (Draft)
CLGS-03406 Precast Parking Bumpers (& Sketch) (12/83)
TS-03409L Concrete Poles (6/80)
NFGS-03410 Precast Structural Concrete (Nonprestressed) (3/84)
NFGS-03411 Precast Concrete Wall Panels (6/87)(Draft)
NFGS-03412 Precast Prestressed Concrete (10/86)
TS-03501 Insulating Concrete Roof Deck Systems (4/87)
NFGS-03730 Concrete Repair Using Epoxy Resin [Concrete,] [Grouts,] [and]
[Mortars] (12/83)
CLGS-03735 Concrete Deck Epoxy Seal (11/86)

DIVISION 4. MASONRY

NFGS-04200 Unit Masonry (11/83) & Am 1 (8/84)
CLGS-04202 Profile Split Stone Work
NFGS-04250 [Ceramic Glazed Structural Clay Facing Tile] [and] [Prefaced Concrete
Masonry Units] (5-87)
NFGS-04270 Glass Unit Masonry (9/85)
TS-04520L Masonry Restoration (3/80) - Approved by NAVFAC

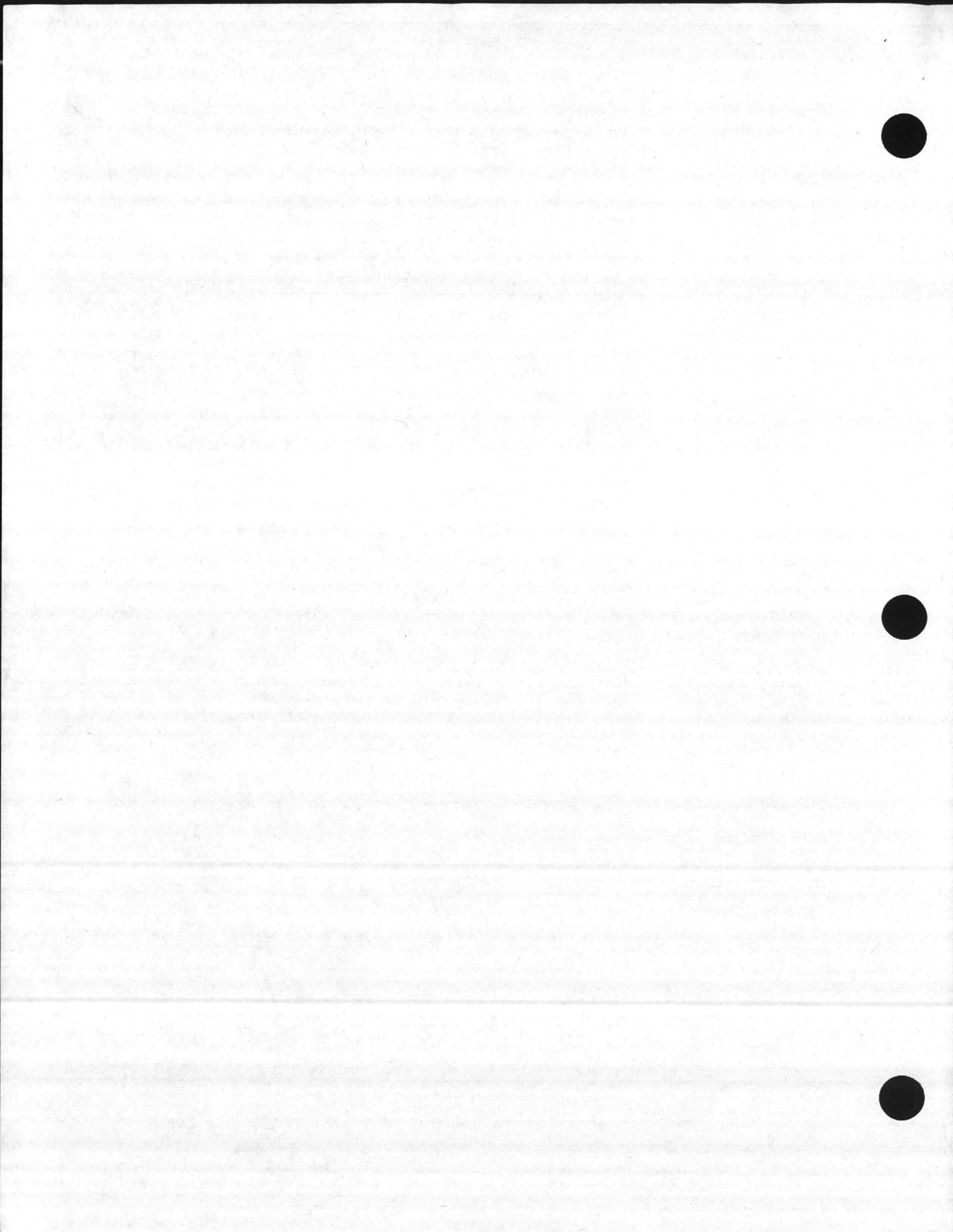
DIVISION 5. METALS

NFGS-05050 Welding of Steel
NFGS-05120 Structural Steel (5/87) (Draft)
NFGS-05210 Steel Joists (12/83)
NFGS-05311 Steel Roof Decking (5/83)
TS-05321 Steel Floor Decks (9/79) & Am 1 (11/79)
NFGS-05400 Cold-Formed Metal Framing (5/85)
NFGS-05500 Metal Fabrications (10/85)
CLGS-05501 Miscellaneous Metals
CLGS-05520 Pipe Rails
CSI-05910 Galvanizing

DIVISION 6. WOOD AND PLASTICS

NFGS-06100 Rough Carpentry (3/83)
CLGS-06170 Prefabricated Wood Tresses
NFGS-06200 Finish Carpentry (9/84) (Draft)
TS-06201L Carpentry and Woodwork (8/80) Approved by NAVFAC
CLGS-06470 Exterior Shutters
06500 Fiberglass Grating (9/85) (Sample Spec.)

CLGS = Guide Specification Prepared by Public Works, Camp Lejeune



DIVISION 7. THERMAL AND MOISTURE PROTECTION

NFGS-07110 Membrane Waterproofing (4/83) & Am 1 (12/83)
 NFGS-07111 Elastomeric Waterproofing, Sheet Applied (10/84)
 NFGS-07120 Elastomeric Waterproofing System, Fluid-Applied (12/84)
 NFGS-07130 Bentonite Waterproofing (12/84)
 NFGS-07140 Metallic Oxide Waterproofing (6/87)
 NFGS-07160 Bituminous Dampproofing (4/87)
 CLGS-07175 Exterior Waterproofing Masonry (7/86)
 CLGS-07211 Ceiling Insulation
 NFGS-07211 Loose Fill [Cellulosic and Mineral Fiber] Insulation (7/81)
 NFGS-07218 Spray Applied Cellulose Insulation (5/85)
 NFGS-07220 Roof Insulation (7/84)
 NFGS-07221 Masonry Wall Insulation (7/87)
 NFGS-07222 Tapered Roof Insulation (6/87)
 07225 Insulation for Built-up Roof [on Metal Deck] (7/85)
 NFGS-07230 Perimeter and Under-Slab Insulation (12/83)
 NFGS-07232 Ceiling, Wall, and Floor Insulation (1/86)
 CLGS-07234 Floor Insulation (Existing Construction)
 07240 Exterior Insulation and Finish System (9/85) (Sample Spec.)
 TS-07242L Mineral Roof Fill (9/80) Approved by NAVFAC
 NFGS-07250 Sprayed-On Fireproofing (2/84) & Amend. 1 (5-87)
 NFGS-07270 Firestopping (8/85)
 NFGS-07310 Asphalt Shingles (5/87)
 CLGS-07311 Asphalt Fiberglass Shingles
 CLGS-07400 Solid Vinyl Siding Work
 NFGS-07410 Preformed Metal [Roofing] [and] [Siding] (1/85)
 TS-07463L Corrugated Cement-Asbestos Roofing and Siding (2/80)
 NFGS-07511 Aggregate Surfaced Bituminous Built-Up Roofing (9/85)
 NFGS-07512 Smooth Surfaced Bituminous Built-Up Roofing (11/87)
 NFGS-07513 Mineral Surfaced Bituminous Built-Up Roofing (9/85)
 NFGS-07520 Prepared Roll Roofing (2/84)
 NFGS-07530 Elastomeric Sheet Roofing System (EPDM) (3/86)
 CLGS-07532 Modified Bitumen Base Flashing (6/86)
 NFGS-07540 Fluid Applied Elastomeric Roof Coatings Over Polyurethane Foam (PUF)
 (9/85)
 NFGS-07545 Sprayed Polyurethane Foam (PUF) for Roofing Systems (7/84)
 CLGS-07546 Single Ply Roofing System (CPE/CSPE) (11/86)
 NFGS-07600 Flashing and Sheet Metal (10/85) and Amendment 1 (12/86)
 CLGS-07547 SBS Modified Bituminous
 CLGS-07610 Sheet Metal and Cladding
 CLGS-07620 Edge Strip
 CLGS-07623 Copper Flashing and Sheet Metal Work
 CLGS-07630 Copper Downspouts and Gutters
 CLGS-07722 Solar Operated Moisture/Vapor Vent
 NFGS-07920 Sealants (10/84)(Draft)
 CLGS-07921 Recaulking, Reputting, and Sealants

DIVISION 8. DOORS AND WINDOWS

NFGS-08110 Steel Doors and Frames (2/86)
 NFGS-08120 Aluminum Doors and Frames (2/84)
 NFGS-08129 Aluminum Storm Doors
 TS-08210 Wood Doors (2/80)
 NFGS-08301 Steel Sliding Hangar Doors (11/82)
 NFGS-08310 Sliding Fire Doors (1/87)
 08316 Vault Doors (11/85) (Sample Spec.)
 NFGS-08320 Metal-Clad (Kalamein) Doors and Frames (3/83)
 NFGS-08331 Overhead Coiling Doors (3/83)
 NFGS-08360 Sectional Overhead Doors (3/86)
 NFGS-08367 Vertical Lift Metal Doors (3/86)
 NFGS-08371 Aluminum Sliding Glass Doors (4/87)
 NFGS-08392 Aluminum Storm Doors (3/86)
 TS-08510 Steel Windows (1/80)
 NFGS-08520 Aluminum Windows (12/86)
 NFGS-08529 Aluminum Storm Windows (7/82)
 NFGS-08610 Wood Windows
 CLGS-08611 Metal Clad Wood Windows
 CLGS-08612 Vinyl Clad Wood Windows
 NFGS-08710 Finish Hardware (3/85) and Amend. 1 (4-87)
 NFGS-08800 Glazing (12/83)
 NFGS-08900 Glazed Curtain Wall System (10/83)

DIVISION 9 - NEXT PAGE

CLGS = Guide Specification Prepared by Public Works, Camp Lejeune



DIVISION 9. FINISHES

NFGS-09100 Metal Support Systems (2/84)
 NFGS-09150 Plastering and Stuccoing (7/85)
 CLGS-09150 Plaster Repair
 NFGS-09200 Lathing (5/86) and Amendment 1 (11/86)
 NFGS-09215 Veneer Plaster (6/86)
 NFGS-09250 Gypsum Wallboard (3/85)
 NFGS-09310 Ceramic Tile, Quarry Tile, and Paver Tile (3/84)
 NFGS-09331 Chemical-Resistant Quarry Tile Flooring (10/83) (& Amend #1 12/84)
 NFGS-09411 Terrazzo, Bonded to Concrete (9/83)
 NFGS-09500 Acoustical Treatment (5/87)
 NFGS-09561 Gymnasium-Type Hardwood Strip Flooring Systems (3/84)
 CLGS-09561 Maple Strip Flooring Repair
 NFGS-09563 Portable (Demountable) Wood Flooring (4/87)
 NFGS-09570 Wood Parquet Flooring (8/83)
 CLGS-09570 Parquet Flooring Repair and Replacement
 NFGS-09595 Wood Block Industrial Flooring (7/83)
 NFGS-09650 Resilient Flooring (11/82)
 NFGS-09666 Institutional Sheet Vinyl Flooring (2/82) & Am 1 (11/83)
 TS-09670 Fluid Applied Resilient (Resinous) Flooring (1/80)
 NFGS-09680 Carpet (11/86)
 NFGS-09690 Carpet Tile (6/86)
 NFGS-09785 Metallic-Type Conductive and Spark-Resistant Concrete Floor Finish (4/84) (formerly TS-09770)
 NFGS-09804 Linseed Oil Protection of Concrete Surfaces (10/84)
 NFGS-09809 Protection of Buried Steel Piping and Steel Bulkhead Tie Rods (4/86)
 NFGS-09815 High-Build Glaze Coatings (3/86)
 NFGS-09871 Lining System, Interior, for Concrete Storage Tanks (for Petroleum Fuels) (9/84)
 NFGS-09872 Interior Coating Systems Used on Welded-Steel Tanks (for Petroleum Fuel Storage) (1/83)
 TS-09873 Exterior Coating System for Welded Steel Storage Tanks Used in Petroleum Fuel Service (9/80)
 NFGS-09876 Encapsulation of Asbestos Mat (Draft)
 NFGS-09877 Coating of Sheet Steel Piling and Other Steel Waterfront Structures (11/85)
 CLGS-09900 Paint Sampling and Testing
 CLGS-09901 Painting Mechanical Work
 CLGS-09902 Exterior and Interior Painting
 CLGS-09905 Sandblasting of Metal Surfaces (12/81)
 CLGS-09907 Surface Preparation by Waterblasting (3/85)
 CLGS-09908 Cleaning of Exterior Surfaces (8/78)
 NFGS-09910 Painting (2/86) (Draft)
 CLGS-09920 Interior Painting
 NFGS-09921 Reflective Floor Coating for Aircraft Maintenance Facilities (5/86) (Draft)
 TS-09931L Refinishing of Wood Floors (2/80) Approved by NAVFAC
 NFGS-09955 Vinyl-Coated Fabric Wall Covering (10/86)
 CLGS-09999 Special Paragraphs on Smoke Damage (See also CLGS 02990 and 02991)

CLGS = Guide Specification Prepared by Public Works, Camp Lejeune



DIVISION 10. SPECIALTIES

CLGS-10111 Chalk and Tack Boards
 NFGS-10152 Hospital Cubicle Track (9/83)
 NFGS-10162 Toilet Partitions (11/82)
 NFGS-10201 Metal [Wall] [and] [Door] Louvers (1/83)
 NFGS-10270 Access Flooring (7/83)
 CLGS-10350 [Aluminum] [or] [Fiberglass] Flagpoles
 NFGS-10440 Signs (10/85)
 CLGS-10441 Building Enumeration
 TS-10601L Wire Mesh Partitions (2/80) Approved by NAVFAC
 NFGS-10655 Accordion Folding Partitions (10/85)
 NFGS-10800 Toilet and Bath Accessories (10/83) (formerly TS-10801)

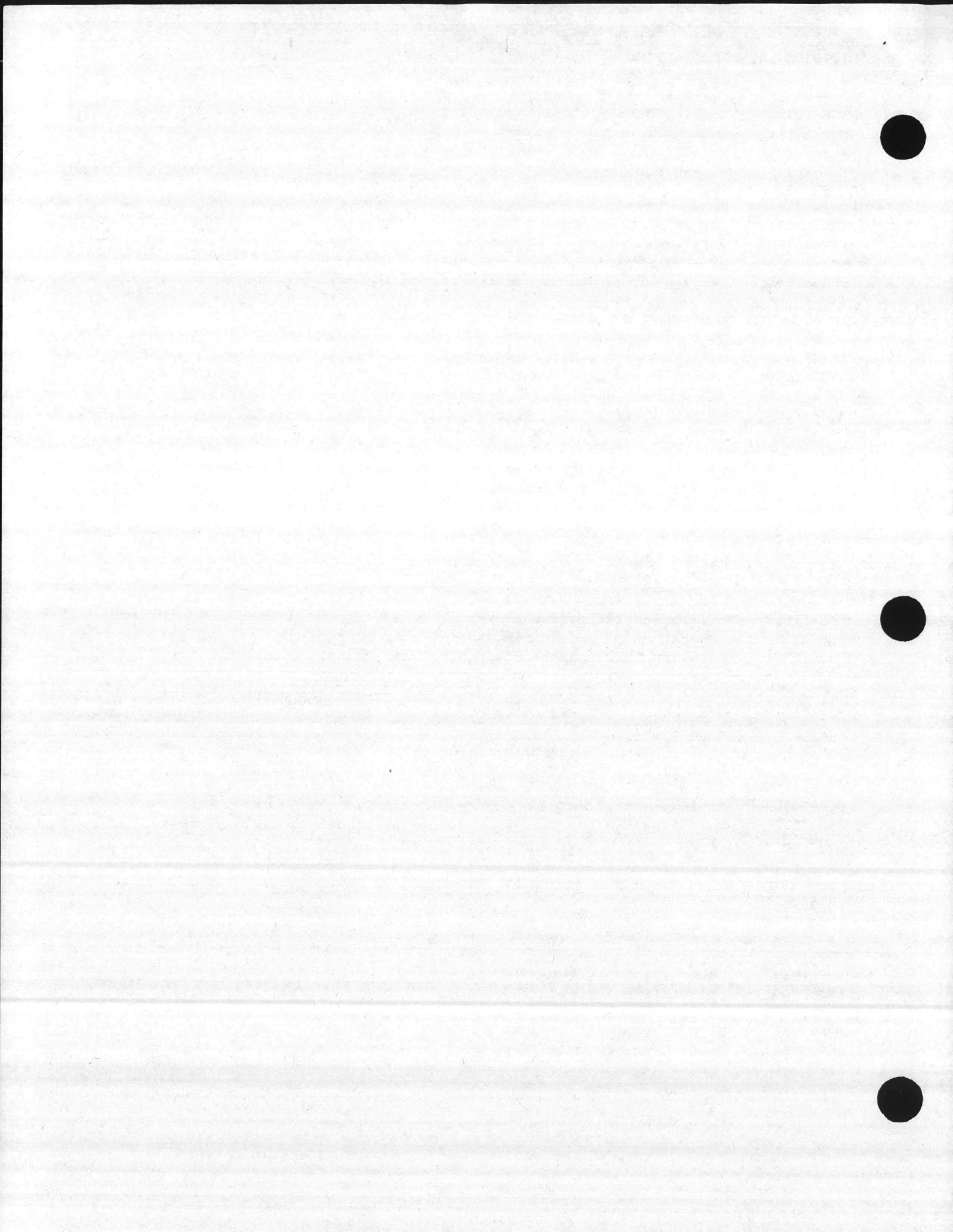
DIVISION 11. EQUIPMENT

11022 Vault Doors (11-85) (Sample Spec) See 08316 (11/85)
 CLGS 11140 Service Station Equipment
 TS-11162 Fixed Type Industrial Dockboard (11/80)
 NFGS-11301 Packed, Gravity Oil/Water Separator (5/85)
 NFGS-11306 Package Lift Stations (6/86)
 NFGS-11334 Comminutor (8/82)
 TS-11361.1 Rectangular Clarifier Equipment (9/80)
 TS-11361.2 Circular Clarifier Equipment (9/80)
 NFGS-11371 Trickling Filter (12/82)
 NFGS-11400 Food Service Equipment (5/83)
 NFGS-11441L Refrigerated Rooms (Prefabricated Panel Type) (3/84) Approved by NAVFAC
 CLGS-11481 Racquetball Court Specifications (9/84)
 TS-11601 Laboratory Equipment and Fume Hoods (4/85)
 NFGS-11613 Stills and Associated Equipment (1-87)
 NFGS-11700 General Requirements for Medical Equipment (4/84)
 NFGS-11701 Casework, Metal and Wood (Medical and Dental) (6/81)
 NFGS-11704 [Casework, Moveable and Modular for Laboratories and Pharmacies] [and] [Material Handling Units] for Medical Facilities (4/85)
 NFGS-11716 Hydrotherapy Equipment (2/86)
 CLGS-11718 Saunas (8/80)
 TS-11720 Stills and Associated Equipment (9/80)
 NFGS-11722 Sterilizers and Associated Equipment (3/86)
 NFGS-11730 Hospital and Laboratory Washing Equipment (11/86)
 NFGS-11757 Radiographic Dark Room Equipment (8/81)
 NFGS-11770 Govt Furn and Contractor Installed Existing Medical Equipment (11/86)

DIVISION 12. FURNISHINGS

NFGS-12322 Wardrobes (8/82)
 NFGS-12331 Prefabricated Vanities (3/85)
 CLGS-12390 Cabinets, Casework and Vanities
 CLGS-12391 Kitchen Countertops
 CLGS-12392 Kitchen Cabinets
 NFGS-12510 Blinds, Venetian [and Audio Visual] (4/85)
 CLGS-12530 Drapery and Curtain Hardware
 NFGS-12540 Draperies (7/84)
 NFGS-12711 Theater Seating (2/84)

CLGS = Guide Specification Prepared by Public Works, Camp Lejeune



DIVISION 13. SPECIAL CONSTRUCTION

NFGS-13034 Prefab. Audio Rooms
NFGS-13092 X-Ray Shielding (9/84)
NFGS-13121 Preengineered Metal Buildings (Rigid Frame) (10/83)
NFGS-13217 Fiberglass Reinforced Plastic Lining, Steel Tanks
CSI-13410 Reinforced Fiberglass polyester Tanks
NFGS-13411 Water Storage Tanks (6/81)
CLGS-13412 Aboveground Cone Roof Steel Storage Tanks (9/85)
NFGS-13610 Solar Energy System Flat Plate Collectors (Liquid Type) (1/85)
(with Amendment of 10/85)
NFGS-13625 Flow Measuring Equipment (2/82)
NFGS-13657 Cleaning Petroleum Storage Tanks (3/83)
NFGS-13661 Fiberglass Reinforced Plastic Lining System for Bottoms of Tanks
(for Petroleum Fuel Storage) (8/81)
NFGS-13947 Energy Monitoring and Control System (EMCS), Large System
Configuration (8/83)
NFGS-13948 Energy Monitoring and Control System (EMCS), Medium System
Configuration (8/83)
NFGS-13949 Energy Monitoring and Control System (EMCS), Small System
Configuration (8/83)
NFGS-13950 Energy Monitoring and Control System (EMCS), Micro System
Configuration (8/83)

DIVISION 14. CONVEYING SYSTEMS

NFGS-14200 Electric [Passenger] [Freight] Elevators (3/84)
CSI-14206 Elevator Signal and Control Equipment
NFGS-14214 Hydraulic [Passenger] [Freight] Elevator (2/84) (formerly
TS-14220)
CSI-14300 Hoists, Cranes, and Monorails
NFGS-14334 Monorails with Manual Hoist (3/83)
NFGS-14335 Monorails with Air Motor Powered Hoist (4/82)
NFGS-14336 Cranes, Overhead Electric, Overrunning Type (1/82)
NFGS-14637 Cranes, Overhead Electric, Underrunning (Under 20,000 Pounds)
(7/84)

DIVISION 15 - NEXT PAGE

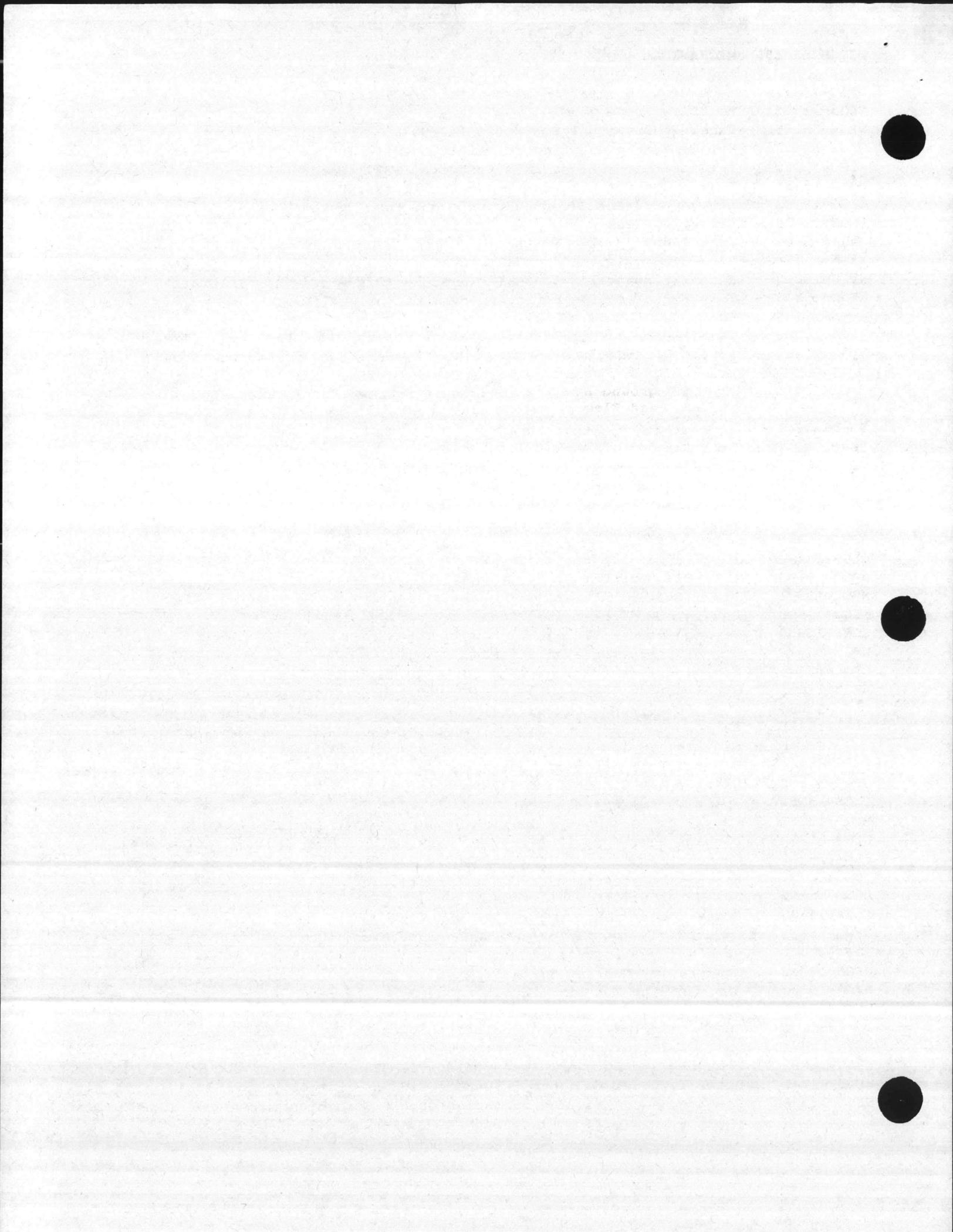
CLGS = Guide Specification Prepared by Public Works, Camp Lejeune



DIVISION 15. MECHANICAL

NFGS-15011L Mechanical General Requirements (2/87) (Draft)
 CLGS-15055 Backflow Preventers
 NFGS-15176 Steel Tanks with Fixed Roofs (10/85)
 NFGS-15200 Noise, Vibration, [and Seismic] Control (7/85)
 NFGS-15250 Insulation for Mechanical Systems (7/87) (Draft)
 NFGS-15251 Insulation for Exterior Piped Utilities (10/86) (Draft)
 CLGS-15262 Liquid Acid And Caustic Storage And Feed System
 CLGS-15270 Deaerator Heater
 NFGS-15320 Fire Pumps (7/87) (Draft)
 NFGS-15330 Fire Extinguishing Sprinkler Systems (Wet Pipe) (3/85) (Draft)
 NFGS-15335 Fire Extinguishing Sprinkler Systems (Dry Pipe) (3/85) (Draft)
 NFGS-15340 Fire Extinguishing Sprinkler Systems [Deluge][Preaction] (3/85) (Draft)
 NFGS-15355 Fuel Gas Piping (9/85)
 NFGS-15361 Carbon Dioxide Fire Extinguishing Systems (High Pressure) (1/84)
 NFGS-15362 Carbon Dioxide Fire Extinguishing Systems (Low Pressure) (1/84)
 NFGS-15365 Halon 1301 Fire Extinguishing System (2/84)
 NFGS-15371 Dry and Wet Chemical Extinguishing Systems for Kitchen Equipment
 (12/86)
 TS-15388 Screening Equipment (10/73)
 TS-15392 Grit Handling Equipment (10/73)
 TS-15396 Package Sewage Treatment Plant (1/79)
 NFGS-15400 Plumbing (8/87) (Draft)
 NFGS-15403 Nonflammable Medical Gas Systems (5/86)
 NFGS-15411 Compressed Air Systems (Non-Breathing Air Type) (7/83)
 NFGS-15460 Hospital Plumbing Fixtures (7/84)
 CLGS-15480 Roof Drains
 NFGS-15483 Fuel Oil Handling System (8/85)
 NFGS-15521 Steam System and Terminal Units (12/86)
 NFGS-15550 Underground Tank Design Guidance (24 June 1986)
 CLGS-15600 Piping Systems (1/86)
 NFGS-15612 Gas Distribution System (4/84)
 NFGS-15631 Steam Boilers and Equipment (500,000-18,000,000 Btu/h)(9/81)
 NFGS-15632 Steam Boilers and Equipment (18,000,000-60,000,000 Btu/hr Input)(9/81)
 CLGS-15635 Coal Stokers and Economizers
 NFGS-15651 Refrigerant, Chilled Water, Condenser Water, Hot and Cold Water (Dual
 Service) Piping (4/85)
 TS-15652 Central Refrigeration System for Air Conditioning (12/79) & Amd #1 (7/82)
 NFGS-15653 Unitary Air Conditioning Systems (6/84)
 CLGS-15654 Split System Heat Pump
 NFGS-15711 Hot Water Heating System (3/81)
 CLGS-15772 Package Heat Pump (Air-to-Air)
 CLGS-15800 Exhaust Fan)
 15801L Heating, Ventilating, and Air Conditioning (6/78) (Rev. 10/83)
 CLGS-15802 Hot Water Boiler Replacement (7/86)
 CLGS-15803 Steam Boiler Replacement (7/86)
 NFGS-15805 Industrial Ventilation and Exhaust Systems (Ducts and Fans) (9/84)
 TS-15813 Warm Air Heating Systems (10/80)
 NFGS-15822 Evaporative Cooling System (12/86)
 NFGS-15850 Air Handling and Distribution Equipment (12/86)
 NFGS-15852.1 Dust Collector, Mechanical Cyclone Type (7/85)
 TS-15852.2 Dust Collector, Electrostatic Precipitator Type (9/85)
 NFGS-15852.3 Dust Collector, Fabric Filter Type (Fly Ash Particles in Flue Gas) (1/83)
 NFGS-15895 Ductwork and Ductwork Accessories (12/86)
 NFGS-15971 Space Temperature Control Systems (10/85) (Formerly TS-15901)
 NFGS-15996L Testing, Adjusting and Balancing of Air Conditioning Systems (6/86) (Draft)

CLGS = Guide Specification Prepared by Public Works, Camp Lejeune



DIVISION 16. ELECTRICAL

NFGS-16011L Electrical General Requirements (2/85) (Draft)
NFGS-16113 Underfloor Raceway System (2/84)
NFGS-16202 Power-Generating Plants, Diesel Electric (Design 1) 500 to 2,500 kW
Continuous-Duty Units (10/81)
NFGS-16203 Power-Generating Plants, Diesel Electric (Design 2) 2,501 kW and Larger
Continuous-Duty Units (10/81)
NFGS-16204 Power-Generating Plants, Diesel Electric (Design 3) 300 to 1,000 kW
Standby-Duty Units (11/81)
NFGS-16205 Power-Generating Plants, Diesel Electric (Design 4) 1,001 kW and Larger
Standby-Duty Units (9/81)
NFGS-16206 Power-Generating Plants, Diesel Electric (Design 5) 300 to 1,000 kW
Emergency-Duty Units (10/81)
NFGS-16207 Power-Generating Plants, Diesel Electric (Design 6) 1,001 kW and Larger
Emergency-Duty Units (11/81)
NFGS-16216L Diesel Engine-Generator Set (25-250 kW) (2/86)
NFGS-16262 Automatic Transfer [and Bypass/Isolation] Switches (8/84)
NFGS-16301L Underground Electrical Work (8/84)
NFGS-16302L Overhead Electrical Work (5/87)
NFGS-16304 Pier, Electrical Distribution for Naval Stations (11/81) & Am 1 (7/82)
NFGS-16305 400 Hertz Medium-Voltage Conversion/Distribution and Low-Voltage
Utilization Systems (6/85)
NFGS-16321 Interior Transformers (10/84)
NFGS-16335 Transformers, Substations and Switchgear, Exterior (9/86)
NFGS-16402L Interior Wiring Systems (10/86)
CLGS-16427 Telephone Post
NFGS-16462 Pad Mounted Transformers (75 kVA to 500 kVA) (7/81) (use NFGS-16335)
NFGS-16465 Interior Substations (3/83)
NFGS-16475 Interior Switchgear and Switchboards, Low Voltage (2/86)
NFGS-16492 Motor-Generator Sets, 400 Hertz (1/83)
NFGS-16510 Interior Lighting (11/83)
NFGS-16530 Exterior Lighting (3/85) and Amend. 1 (5-87)
NFGS-16560 Airfield Lighting (6/82)
TS-16641 Cathodic Protection by Galvanic Anodes (3/79)
TS-16642 Cathodic Protection by Impressed Current (3/79)
NFGS-16650 Radio Frequency Interference Power Line Filters (6/83)
CLGS-16700 Internal Telephone System
NFGS-16721 Exterior Fire Alarm System (12/82)
NFGS-16722 Interior Fire Alarm System (6/84) (Draft)
NFGS-16723 Fire Alarm System Radio Type (8/85)
NFGS-16727 Intrusion Detection System (6/87)
NFGS-16760 Intercommunication System (4/83)
TS-16782 [Master] [Community] Antenna System (4/87)
NFGS-16852 Electric Space Heating Equipment (11/86)

A & E NOTE:

Drawings should only indicate dimensions of construction, quantities, location, and capacity of equipment.

Specifications should not repeat information shown on the drawings.

Specifications should supplement the drawings by specifying the quality of materials and workmanship, method of installation, equipment functions, and testing required for the project.

NAVFAC guide specifications are available on Food Service and hospital equipment, heating plants, and electrical power plants. They will be issued to suit the particular project. Refer to NAVFAC P-34 for complete listings.

CLGS = Guide Specification Prepared by Public Works, Camp Lejeune

