

STRUCTURAL GENERAL CRITERIA

1. STRUCTURAL ABBREVIATIONS AND LEGEND

A. STRUCTURAL ABBREVIATIONS

Table with 3 columns: Abbreviation, Description, and Material. Includes entries for (E) EXISTING, (N) NEW, (R) RELOCATED, etc., and a section for 0 GEN - SHEET INDEX BY EOR.

B. STRUCTURAL LEGEND

Table with 4 columns: SYMBOL, ITEM, SYMBOL, ITEM. Includes symbols for SPREAD FOOTING MARK, BASE PLATE MARK, EMBEDDED PLATE, etc., and a diagram for DRAPES AT SUPPORT ARE.

Table with 4 columns: SYMBOL, ITEM, SYMBOL, ITEM. Includes symbols for STEEL ANGLE, DIMENSION TO FACE, DIMENSION TO COLUMN GRID OR CENTER LINE, etc., and a diagram for DRAPES AT M/DSPAN ARE.

Table with 3 columns: HATCH, ITEM, and another column. Includes hatching patterns for ALUMINUM, BRICK, CONCRETE (NEW), etc., and a diagram for DRAPES AT M/DSPAN ARE.

Grady logo and project information: THE CENTER FOR ADVANCED SURGICAL SERVICES (CASS), 88 JESSE HILL DRIVE ATLANTA, GA 30303. Prepared For GRADY HEALTH SYSTEM, 80 JESSEE HILL DR. SE ATLANTA, GA 30303.

Professional Seal area with a grid and the text 'NOT FOR CONSTRUCTION'.

0 GEN - SHEET INDEX BY EOR

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Table with 3 columns: SHEET NUMBER, DRAWING TITLE, and EOR. Lists sheet numbers 0001-0229 and their corresponding drawing titles.

Table with 3 columns: SHEET NUMBER, DRAWING TITLE, and EOR. Lists sheet numbers 0026-0512 and their corresponding drawing titles.

2. STRUCTURAL DESIGN CRITERIA

- A. DESIGN CONCEPT: THE DRAWING SET DESCRIBES NEW BUILDING CONSTRUCTION FOR A PARKING AND AMBULATORY SURGERY AND CLINIC STRUCTURE FOR GRADY HEALTH SYSTEM LOCATION IN ATLANTA, GA... B. BUILDING CODES AND STANDARDS: AN INVESTIGATION OF VARIOUS APPLICABLE CODES... C. GRAVITY DESIGN LOADS: SUPERIMPOSED DEAD AND LIVE LOADS: A. SEE LOADINGS PLANS, S021-S024... D. VIBRATION CRITERIA: REFER TO S024... E. LATERAL DESIGN LOADS: WIND: A. BASIC WIND SPEED: 120 MPH... SEISMIC: A. SITE CLASS - C... B. SEISMIC DESIGN CATEGORY - B...

3. SPECIAL INSPECTIONS

- A. SPECIAL INSPECTIONS: 1. SPECIAL INSPECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE BUILDING CODE... 2. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 3. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 4. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 5. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 6. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 7. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 8. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 9. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 10. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 11. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 12. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 13. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 14. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 15. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 16. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 17. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 18. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER... 19. SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL OWNER...

4. CONCRETE

- A. CAST-IN-PLACE CONCRETE: 1. CONCRETE COMPRESSION STRENGTHS, WEIGHT AND EXPOSURE CLASSIFICATION, SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION... 2. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 308.1 SPECIFICATION FOR CONCRETE... 3. ALL CONCRETE SHALL BE PROPORTIONED FOR A MAXIMUM ALLOWABLE UNIT SHRINKAGE OF 0.28%... 4. CONCRETE WALLS SHALL REMAIN SHORED UNTIL WALL AND RESTRAINING SLAB REACH 28 DAY STRENGTH... 5. CONCRETE JOINTS FOR CONCRETE WALLS SHALL BE SPACED NO MORE THAN 40'-0" APART... 6. CONCRETE SURFACES SHALL BE PROTECTED FROM DAMAGE... 7. CONCRETE SURFACES SHALL BE PROTECTED FROM DAMAGE... 8. CONCRETE SURFACES SHALL BE PROTECTED FROM DAMAGE... 9. CONCRETE SURFACES SHALL BE PROTECTED FROM DAMAGE... 10. CONCRETE SURFACES SHALL BE PROTECTED FROM DAMAGE... 11. CONCRETE SURFACES SHALL BE PROTECTED FROM DAMAGE... 12. CONCRETE SURFACES SHALL BE PROTECTED FROM DAMAGE... 13. CONCRETE SURFACES SHALL BE PROTECTED FROM DAMAGE... B. CAST-IN-PLACE CONCRETE COVER: UNLESS OTHERWISE NOTED, THE FOLLOWING CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT LAYERS NEAREST TO THE SURFACE...

General Notes and Criteria section containing detailed requirements for concrete work, including cover, curing, and inspection protocols.