

STRUCTURAL GENERAL NOTES

ABBREVIATIONS

STRUCTURAL PLAN SYMBOLS AND LEGENDS

GENERAL NOTES

SLAB SUBGRADE PREPARATION

STRUCTURAL STEEL

- 1 REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ANCHORS, INSERTS, REGLETS AND EMBEDDED ITEMS NOT SHOWN ON STRUCTURAL DRAWINGS.

- 1 FOR SUBGRADE PREPARATION WITHIN THE BUILDING AREA, REFER TO THE ABOVE MENTIONED GEOTECHNICAL REPORT. THIS WORK IS TO BE PERFORMED AS DIRECTED BY THE OWNER'S SOIL TESTING LABORATORY OBSERVATION REPORTS AND TEST REPORTS OF THE SOIL COMPACTION ETC. TO BE SUBMITTED TO THE ARCHITECT/ENGINEER TO VERIFY THE WORKING IS IN GENERAL CONFORMANCE PRIOR TO PLACEMENT OF CONCRETE.

- 1 STRUCTURAL STEEL IS TO CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS, AND IS TO BE FABRICATED AND ERRECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC SPECIFICATIONS.

- 1 STEEL JOISTS ARE TO CONFORM TO THE LATEST AISC-SJI SPECIFICATIONS AND AS OTHERWISE SPECIFIED.

- 1 METAL FRAMING IS TO CONFORM TO ASTM A448 MINIMUM YIELD STRENGTH IS TO BE 50,000 PSI, WITH 1/8" MINIMUM FLANGE WIDTH.

- 1 STEEL DECKING IS TO CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS, AND IS TO BE FABRICATED AND ERRECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC SPECIFICATIONS.

CONCRETE

CONCRETE

- 1 BUILDING CODE: INTERNATIONAL BUILDING CODE 2012.

- 1 CAST IN PLACE CONCRETE SHALL MEET THE FOLLOWING REQUIREMENTS:

OPEN WEB STEEL JOISTS

OPEN WEB STEEL JOISTS

- 1 MINIMUM DESIGN LIVE LOADS ARE IN ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) DESIGN LOADS ARE:

- 1 HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS SHALL BE PERMITTED ONLY WHERE INDICATED ON THE DRAWINGS.

COLD FORMED METAL FRAMING

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- 1 ULTIMATE DESIGN WIND SPEED (3 SECOND GUST).....120 MPH.

- 1 METAL FRAMING IS TO CONFORM TO ASTM A448 MINIMUM YIELD STRENGTH IS TO BE 50,000 PSI, WITH 1/8" MINIMUM FLANGE WIDTH.

STEEL DECKING

STEEL DECKING

- 1 RISK CATEGORY.....III.

- 1 CONTINUOUS WATERSTOP IS TO BE USED AT JOINTS WHERE DETAILED AND AT OTHER CONSTRUCTION JOINTS IN CONCRETE ELEMENTS BELOW FINISH GRADE.

STEEL DECKING NOTES

STEEL DECKING NOTES

- 1 GROUND SNOW LOAD (Pg).....5 PSF.

- 1 DEFORMED BAR CONCRETE REINFORCEMENT FOR STRUCTURES IS TO CONFORM TO ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED.

REINFORCING STEEL

REINFORCING STEEL

- 1 PIER DESIGN IS BASED UPON THE FOLLOWING CRITERIA:

- 1 WELDING OF REINFORCING STEEL WILL NOT BE PERMITTED.

DRILLED AND UNDERREAM PIER

DRILLED AND UNDERREAM PIER

- 1 ALLOWABLE END BEARING.....18,000 PSF.

- 1 REINFORCEMENT IS TO BE DESIGNED AND DETAILED IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC "MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES" (ACI 315).

REINFORCING STEEL

REINFORCING STEEL

- 1 CONTRACTOR SHALL PROVIDE AN ALLOWANCE FOR 100% CASING OF DRILLED PIERS.

- 1 CONTRACTOR SHALL VERIFY DEPTHS OF PIERS BEFORE PIER STEEL IS CUT.

ANTI-TERRORISM FORCE PROTECTION (ATFP) DESIGN

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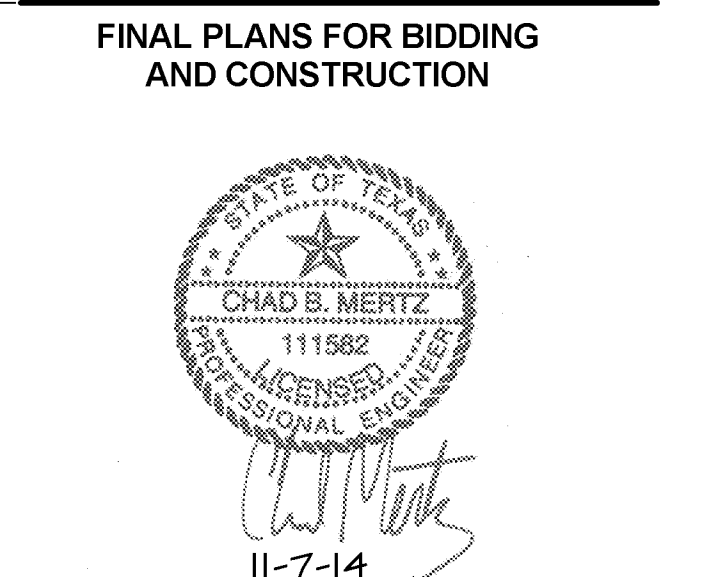
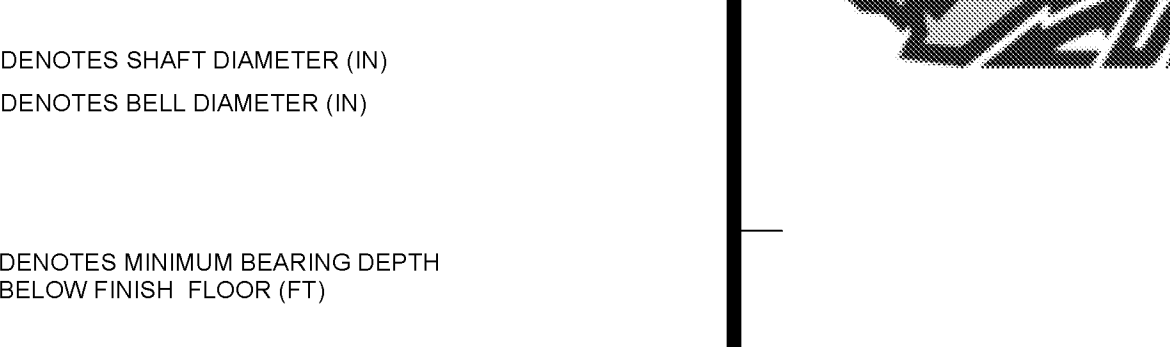
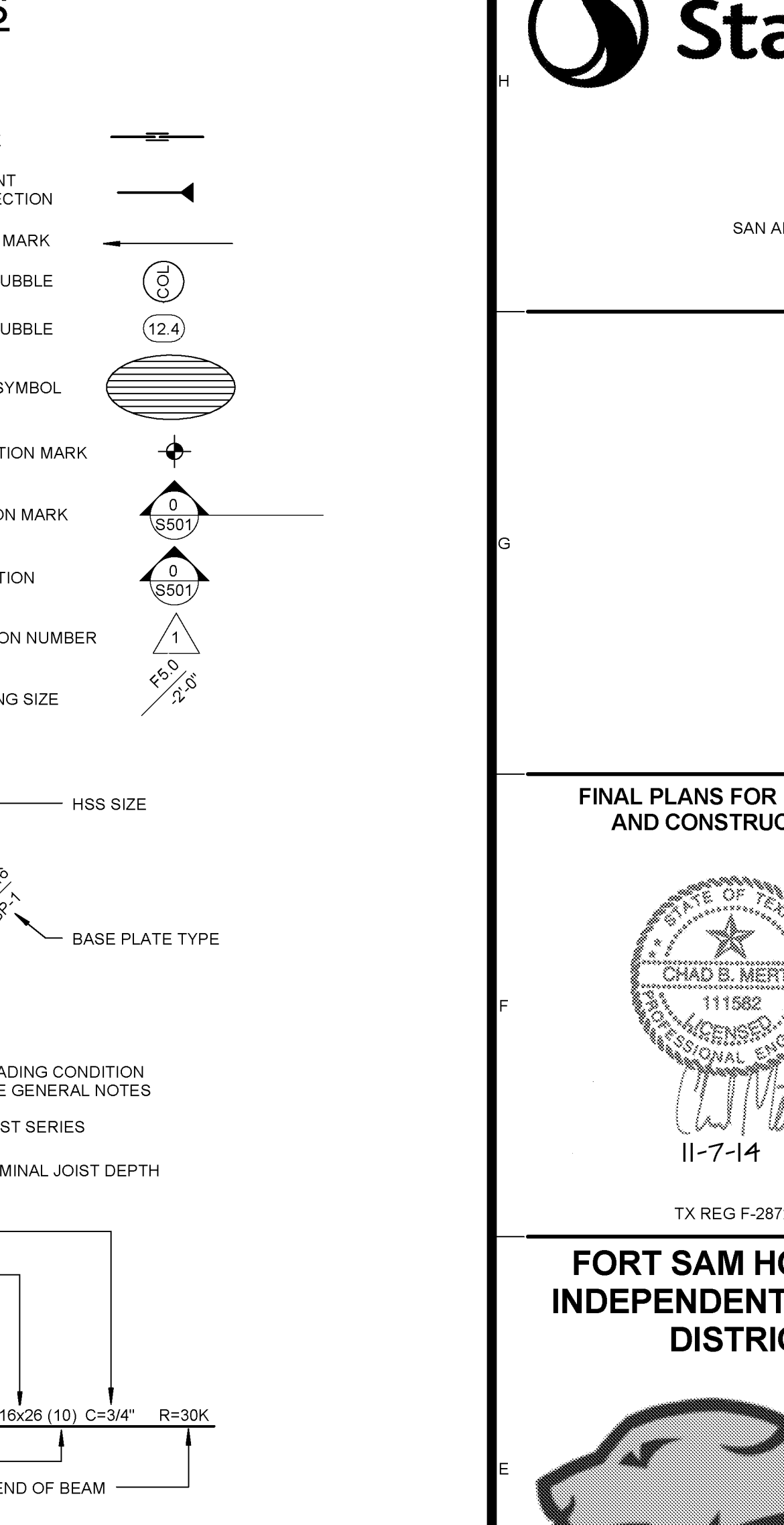
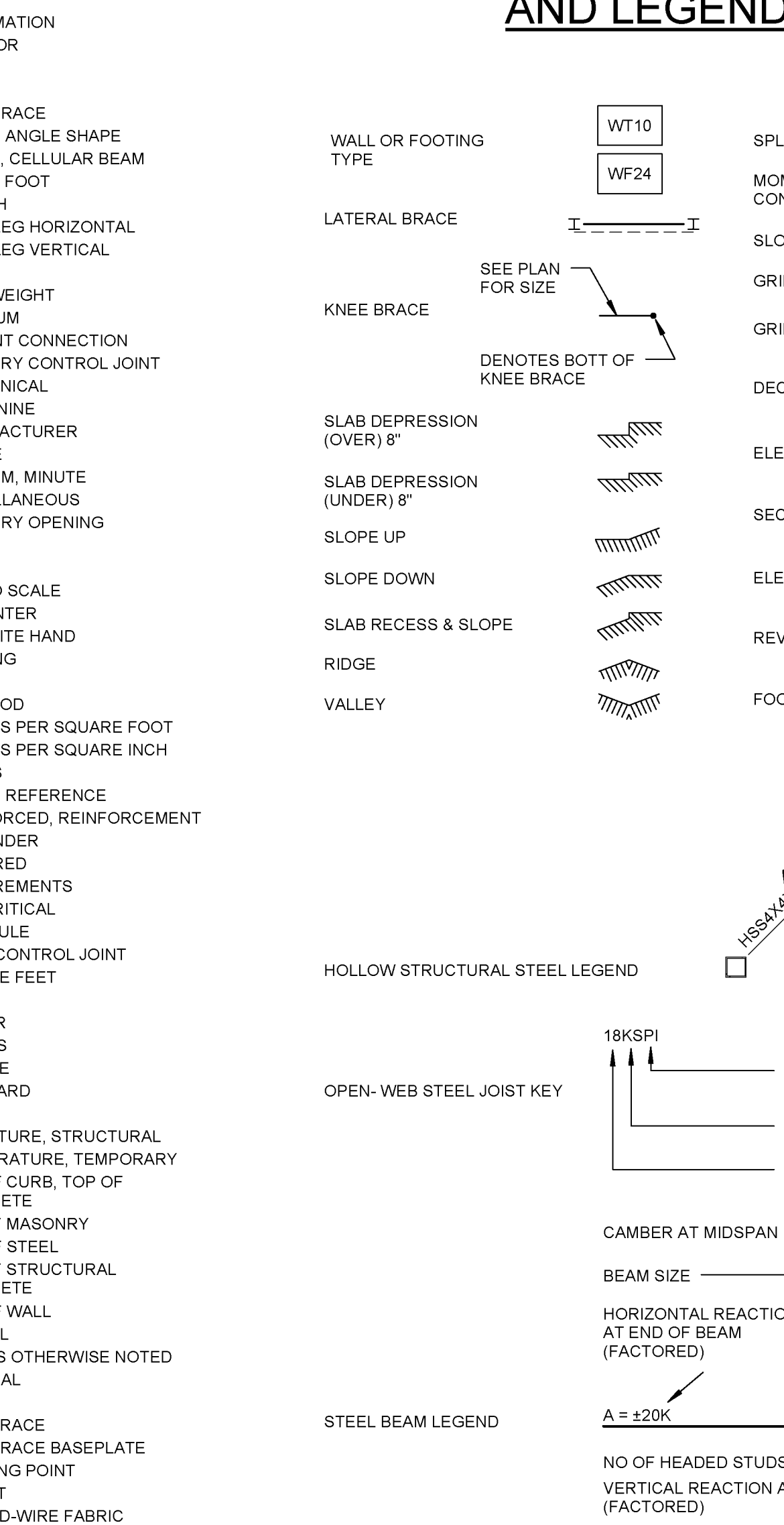
- 1 CONTRACTOR SHALL ALSO PROVIDE UNIT PRICE FOR EACH SIZE OF CASING UTILIZED ON THE PROJECT.

- 1 UNLESS OTHERWISE DETAILED HOOKS ARE TO BE ACI STANDARD 90-DEGREE HOOKS.

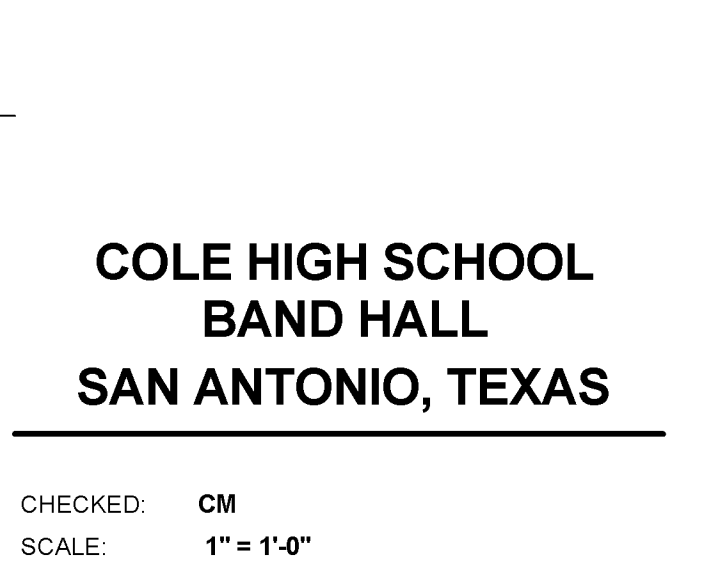
INDEX OF DRAWINGS - STRUCTURAL

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Table of abbreviations including terms like AND, ANCHOR BOLT, ADOTL, ALT, ARCH, ARCH/L, etc.



FINAL PLANS FOR BIDDING AND CONSTRUCTION. FORT SAM HOUSTON INDEPENDENT SCHOOL DISTRICT.



COLE HIGH SCHOOL BAND HALL SAN ANTONIO, TEXAS

Table with columns for SHEET NUMBER, INDEX OF DRAWINGS - STRUCTURAL, and SHEET NAME.

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SHEET TITLE: GENERAL NOTES AND ABBREVIATIONS

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