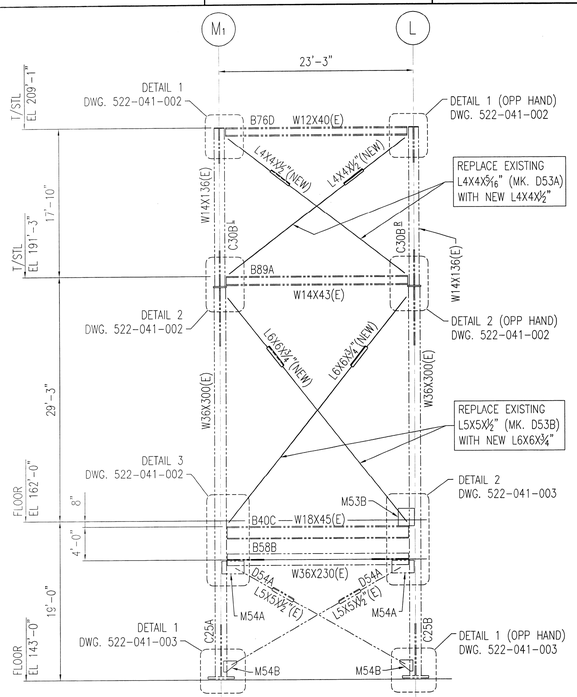
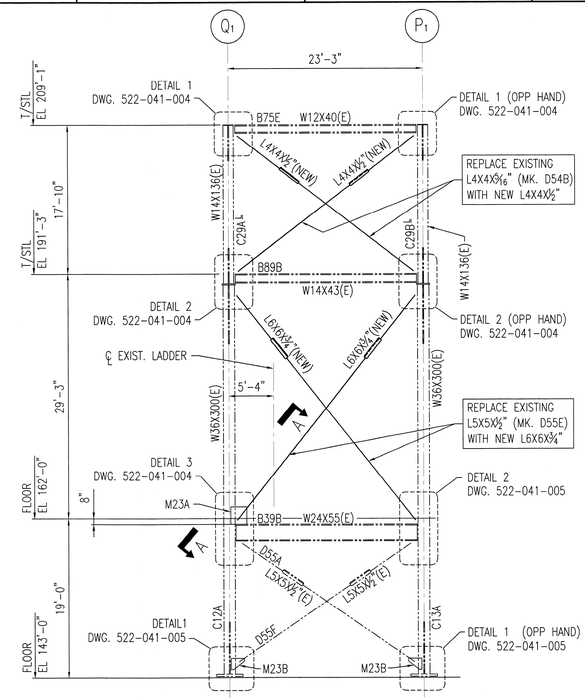
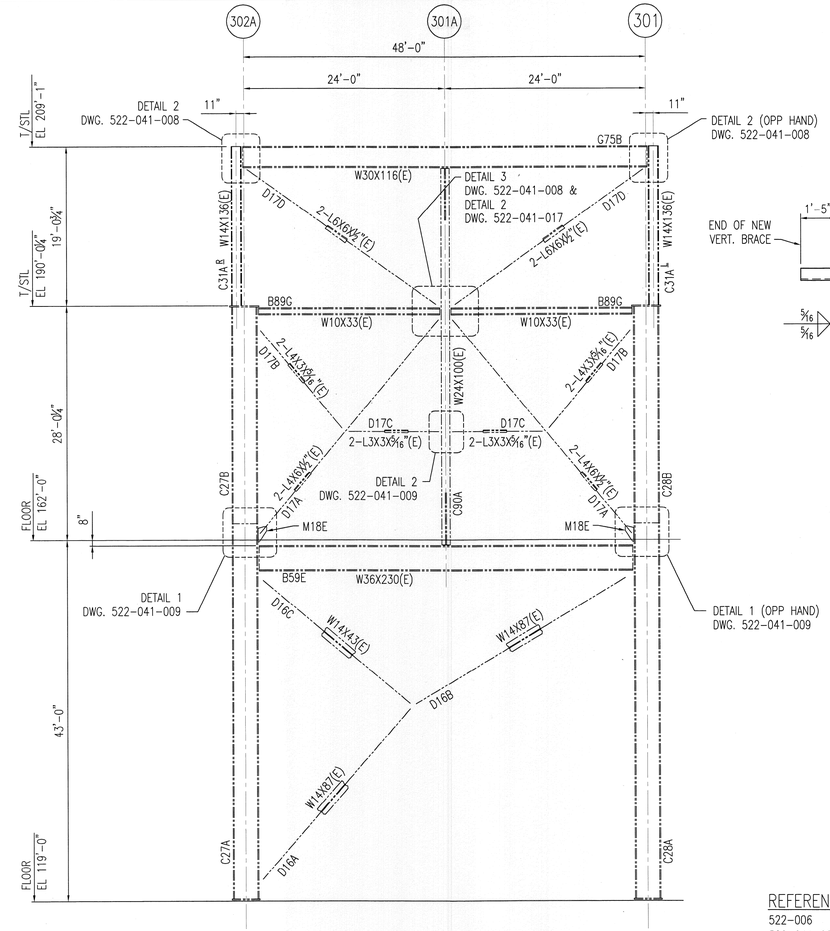


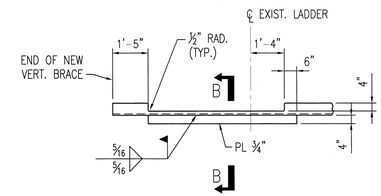
ELEV. 301-3 - 301-3



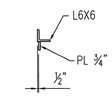
ELEV. 301-4 - 301-4



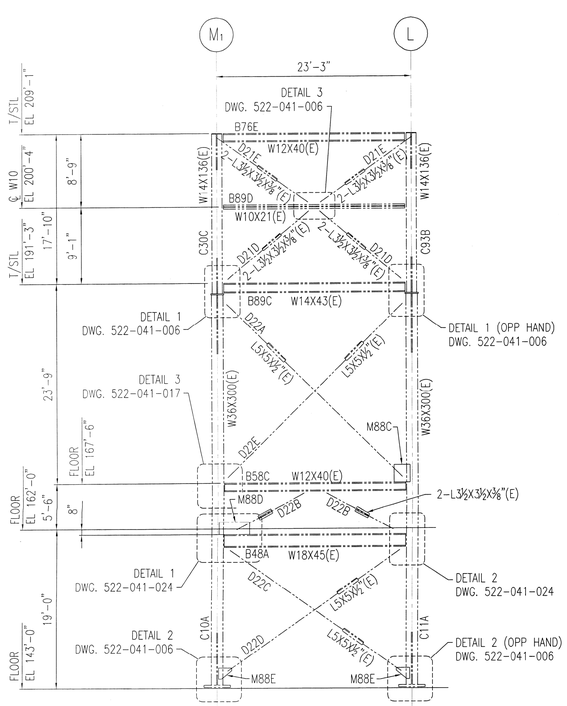
ELEV. S1-1 - S1-1



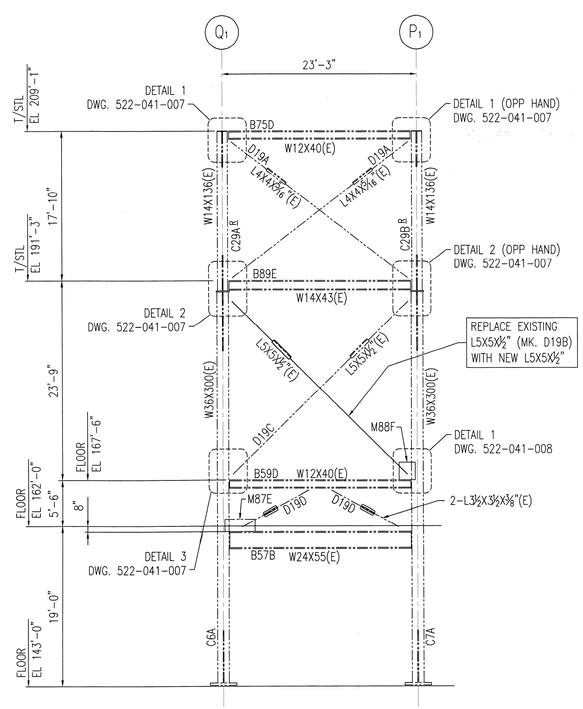
SECTION A-A



SECTION B-B



ELEV. 302A-1 - 302A-2



ELEV. 302A-2 - 302A-2

GENERAL NOTES:

1. MEMBERS NOTED (E) DESIGNATE EXISTING STEEL.
2. MATERIAL SHALL MEET THE REQUIREMENTS OF THE FOLLOWING SPECIFICATIONS AS NOTED:

CONNECTION STEEL PLATES	ASTM A36
STRUCTURAL STEEL ANGLES	ASTM A36
HIGH STRENGTH BOLTS	ASTM A325 OR A490 (SEE DRAWING)
WELD STEEL	AWS D1.1 CLASS E70

3. ALL HOLES, FIELD DRILLED OR SHOP DRILLED SHALL BE STANDARD SIZE HOLES FOR THE BOLT SIZE USED PER AISC "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" (UNLESS NOTED OTHERWISE)
4. CONNECTION AREAS THAT HAVE HAD PAINT REMOVED OR DAMAGED DURING CONSTRUCTION SHALL BE CLEANED AND REPAINTED TO MEET COATING SPECIFICATION. (REF. SPEC. MNT-NGGC-009 & CPL-XXXX-W-005)
5. CONNECTIONS THAT REQUIRE INCREASED WELD SIZE SHALL HAVE THE PAINT REMOVED BEFORE NEW WELD IS PLACED OVER EXISTING WELD.
6. CUTTING OF STEEL SUPPORTS SHOULD BE PERFORMED USING MECHANICAL MEANS VERSUS USING TORCH-CUTTING AS AIRBORNE GENERATION WILL BE EASIER TO CONTROL.
7. CUTTING OF CONCRETE SHOULD BE PERFORMED WITH A WET SAW TO HELP CONTAIN AIRBORNE MATERIAL. CUTTING WILL ALSO NEED TO BE PERFORMED IN A TENTED ENVIRONMENT UNDER HEPA FILTRATION.
8. ALL NEW WELDS SHALL BE INSTALLED, INSPECTED AND APPROVED PER THE INSTRUCTIONS PROVIDED IN THE CORPORATE WELDING MANUAL, NGGM-PM-0003. A VISUAL EXAMINATION BY NUCLEAR QUALITY CONTROL (NQC) IS REQUIRED FOR ALL WELDS. STRUCTURAL WELDING SHALL BE PERFORMED AND VISUALLY INSPECTED PER AWS D1.1 (FOR CARBON STEEL) AND AWS D14.1 (FOR WELDING OF CRANES). EACH WELD SHALL MEET ASSOCIATED ACCEPTANCE CRITERIA.
9. EXPOSED STEEL SHALL BE PAINTED IN ACCORDANCE WITH MNT-NGGC-009 AND CPL-XXXX-W-005.
10. REF. 502-011 FOR ORIGINAL AUXILIARY BUILDING STEEL GENERAL NOTES.

EC 70139 REV. 0
ATTACHMENT Z107R0
DWG. NO. 522-041 SH. 001

0' 4' 8' 16'
GRAPHIC SCALE

REFERENCES:

522-006
522-041-002
522-041-003
522-041-004
522-041-005
522-041-006
522-041-007
522-041-008
522-041-009
522-041-017
522-041-024

NO.	DESCRIPTION	DRAWN
	REVISIONS	

Progress Energy

NUCLEAR ENGINEERING

CRYSTAL RIVER UNIT 3

AUXILIARY BUILDING - SOUTH STEEL FRAMING MODIFICATIONS ELEVATIONS

DRAWN	CHKD.	APRVD.	DATE	SCALE
C	001			NONE
DISCP.	SHEET	DWG.	522-041	REV. 0

FILE: