LIVE LOAD (PLATFORM)
IMPORTANCE FACTOR (I)
EQUIPMENT PLATFORM LOAD BUILDING LIVE LOAD: CODE 2003 IBC AND CONNECTICUT SUPPLEMENTS. 250 PSF 1.0 10 TONS

MATERIAL STRENGTHS DESIGN STRUCTURAL STEEL (Fy)

ALL STEEL SHAPES UNO (ASTM A-992) (A-572)
ALL STEEL ANGLES AND PLATES (ASTM-A36)
TUBE COLUMNS (A-500)
ALL BOLTS UNO (A-325)
WELDING ELECTRODES 50,000 36,000 46,000

NOTES 30,000

1. FOR ADDITIONAL REQUIREMENTS, SHALL BE USED AND COORDINATED OTHER SUBMITTALS. SEE SPECIFICATIONS. CONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS) BY THE CONTRACTOR IN CONJUNCTION WITH THE SHOP DRAWINGS AND

2. CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO COMMENCING WORK. NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITION AND CONTRACT DOCUMENTS.

3. THE CONTRACTOR PRIOR TO SUBMITTING THE SHOP DRAWINGS FOR THE ENGINEER'S REVIEW, SHALL PERFORM A CHECK OF THE DRAWINGS AND STAMP THE SHOP DRAWINGS "REVIEWED". NO FABRICATION OR DELIVERY OF MATERIAL NOT REQUIRING FABRICATION WILL BE ALLOWED UNLESS SPECIFIC AUTHORIZATION HAS BEEN RECEIVED BY CRRA. SHOP DRAWINGS SUBMITTED TO THE ENGINEER WITHOUT FIRST BEING STAMPED "REVIEWED" BY THE GENERAL CONTRACTOR SHALL BE RETURNED WITHOUT BEING REVIEWED BY THE ENGINEER. REVIEW OF SHOP DRAWINGS BY THE ENGINEER SHALL NOT RELIEVE THE CONTRACTOR FROM CONFORMING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

5. CONTRACTOR IS RESPONSIBLE FOR METHOD OF CONSTRUCTION. PROVIDE SHORING, TEMPORARY TIES, TEMPORARY SUPPORTS AND BRACING WHERE NECESSARY UNTIL WORK IS COMPLETE. MAKE FINAL FIT TIGHT ENSURE PROPER LOAD TRANSFER. 4. CONTRACTOR SHALL STRICTLY ADHERE TO ALL APPLICABLE SAFETY REGULATIONS INCLUDING BUT NOT LIMITED TO OSHA REQUIREMENTS. CONTRACTOR SHALL ATTEND A REQUIRED SAFETY TRAINING CLASS PROVIDED BY COVANTA ENERGY PRIOR TO THE BEGINNING OF THE CONSTRUCTION ACTIVITIES.

7. PROVIDE TEMPORARY CONSTRUCTION BARRIERS AROUND PERIMETER OF WORK CONSTRUCTION AS NEED TO PROTECT BOTH THE FACILITY OPERATION AND PERSONAL. 6. CONSTRUCTION ACTIVITIES WILL TAKE PLACE WHILE THE FACILITY REMAINS IN OPERATION. CONSTRUCTION PHASING ACTIVITIES SHALL BE COORDINATED WITH OWNER (CRRA) AND OPERATOR (COVANTA ENERGY) AS SHOWN AND SPECIFIED. CONSTRUCTION PHASING SHALL NOT BE MODIFIED WITHOUT OWNER'S (CRRA) PRIOR WRITTEN APPROVAL.

DEMOLITION NOTES

1. EXISTING STEEL TO BE REMOVED SHALL BE SAW CUT (NO FLAME CUT CONTRACTOR WILL DISPOSE OF ANY AND ALL DEMOLITION MATERIAL. SHALL

2. GENERAL CONTRACTOR WILL PROVIDE TEMPORARY PROTECTION AT THE PLATFORMS AS REQUIRED. THE OWNER WILL BE ALLOWED ACCESS TO ALL PROCESSING EQUIPMENT DURING CONSTRUCTION.

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS — ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN, 9TH EDITION. 3. SHOP CONNECTIONS MAY BE BOLTED OR WELDED. FIELD CONNECTIONS SHALL BE BOLTED UNLESS OTHERWISE SHOWN. ALL SHOP CONNECTIONS THAT ARE WELDED SHALL BE WITH E70-XX ELECTRODES. ALL WELDING SHALL BE IN ACCORDANCE WITH "AWS STRUCTURAL WELDING CODE". 2. ALL WELDS TO BE MADE ONLY BY WELDERS WHO HAVE BEEN QUALIFIED AS PRESCRIBED IN THE "STRUCTURAL WELDING CODE" (ANSI/AWS D1.1) OF THE AMERICAN WELDING SOCIETY.

4. ALL STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE LATEST EDITION OF AISC "DETAILING FOR STEEL CONSTRUCTION". THE DETAILING SHALL INCORPORATE ALL CLEARANCES NECESSARY TO PRODUCE PROPER ERECTION, CONNECTION AND FIT—UP.

SHOP THE FOLLOWING ITEMS DRAWINGS STRUCTURAL STEEL ERECTION DRAWING AND PIECE MARKS. ELECTRICAL POWER MATERIAL FOR HOIST CRANE SYSTEM.

10 TON HOIST CRANE AND CRANE GUIDE SYSTEM REQUIRE SHOP DRAWINGS

> STRUCTURAL **ABBREVIAT** SNOL

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ONTRACTOR LONG LEG HORIZONTAL
LONG LEG VERTICAL
LOW POINT
MANUFACTURER
MASONRY
MAXIMUM

IN CONTRACT TO SCALE BER CENTER

VINYLCHLORIDE

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PER SQUARE INCH

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REVISIONS

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ECIFICATIONS

JARE FEET (FOOT)

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WELDED WIRE FABRIC
WEST

CHECKED BY:

R.A.S.

DESIGNED BY:

P.J.G.

DRAWN BY:

M.M.M.

PROJECT NO:36936963.00001

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THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE, ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THIS PROJECT IS STRICTLY PROHIBITED.

CRRA
PBF WAREHOUSE
HOIST CRANE FRAME

RESERVE ROAD HARTFORD, CT AS NOTED

XXX X

SHEET ON WHICH SECTION OR DETAIL IS LOCATED\*

SECTION OR DETAIL NUMBER

\* WHEN PERTAINING TO DETAILS CIRCLE IS REPLACED WITH A SQUARE

SECTION AND DETAIL

DATE: SCALE: DRAWING 2 웃 02/13/07 6

STRUCTURAL GENERAL NOTES **ABBREVIATIONS** 

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PROFESSIONAL