

PLATFORM EL. 61'-0" (TOP OF GRATING)
(GRATING 1/4")

PLAN TO S. EL. 60'-6" (U.N.O.)
MC = MOMENT CONNECTION

NOTE:
1. FOR TYPICAL MOMENT CONN.
SEE DWG. 4301-013.

GENERAL NOTES TO WELDED STEEL

- 1. Dead Load = 40 psf
- 2. Live Load = 30 psf
- 3. Total Load = 70 psf
- 4. Wind Load = 100 psf throughout or 50 psf + Equipment Weight
- 5. Snow Load = 15 psf above 71'-0"
- 6. All structural steel shall conform to ASTM Specification A-36.
- 7. Design, fabrication and erection of structural steel shall conform to the latest AISC specifications.
- 8. All connections shall be shop welded and field bolted with 3/4" A-325 high strength bolts (U.B.C.).
- 9. Full galv. is permitted where indicated on plans and when approved by owner.
- 10. All holes shall be drilled or punched. No burning of holes shall be permitted.
- 11. Galvanized or inorganic zinc coated surface damaged by welding or mechanical abrasion shall be cleaned for SSPC-SI-3 and coated with one component zinc-rich coating, such as Murocote's zinc-rich weld 1-284 Sunco's Galvanox Type 1, or equal.
- 12. Shop connections:
 - a) Conventions to develop (i) the reaction of beam capacity from the beam load tables of the AISC Manual (latest revision), except in no case shall the number of bolts be less than the minimum given in the AISC Manual.
 - (ii) axial loads shown on drawings acting in addition to (i) above, where no axial load is shown design for a minimum 5K load.
 - b) Field connections shall be bolted with 3/4" A-325 high strength bolts (galvanized) unless noted.
 - c) A-325 Bolted points shall be friction type.

- 13. All shop connections shall be welded with E-70 electrode and conform to part of the AISC Manual (latest edition).
- 14. Field welding connections shall be made with E-70XX electrodes.
- 15. Unless otherwise indicated all gusset connections (knee braces, diagonal braces, etc.) shall be 3/8" plates and welded to develop full tensile strength of members.
- 16. Welding technique, appearance and quality of welds, and the method of correcting defective work shall conform to AWS "Code for Arc Welding in Building Construction", Section 4, Nondestructive.
- 17. Welding lines of Diagonal Bracing members shall intersect center lines of beams or struts and center lines of columns unless otherwise shown.
- 18. Rail rails and stair treads shall be bolted using ASTM A-307 galvanized machine bolts.
- 19. Steel construction shall be AISC Type 2, commonly designated as "simple framing".
- 20. All AISC steel members such as plates, floor plates, stairway treads, ledge angles, etc. shall be hot dip galvanized.
- 21. All pipe and HPS members shall be sealed water tight.
- 22. Top of steel (T.O.S.) elevations refer to the top of steel members.
- 23. O.S.H.A. regulations - The contractor shall comply with Department of Labor, Safety and Health Regulations for Construction, current edition (Occupational Safety and Health Act)
- 24. Anchor bolt material shall be of ASTM A-307 with threaded ends of ASTM A-7 (latest revision).
- 25. Prime - SSPC paint 1-64T - 1.4 mils thick
- 26. Touch up - SSPC paint 164-64 - 2 coats of 1.5 mils each.
- 27. Do not paint contact surface at Bolted Connection.

4	ORIGINAL TRANSFERRED TO C.S.I.	NOV 19/86	KL
3	DIM. REV. AS NOTED PLAT. DELETED EL. 61'-0" AS PER CLIENT REQUEST	06/21/88	KL
2	NOTES ADDED & REVISED AS SHOWN	86/08/26	KL
1	REVISED AS NOTED SEC. INDICATED	86/08/20	KL
0	ISSUED FOR CONSTRUCTION	86/07/25	DEF
P	ISSUED FOR PERIOD	JUNE 1986	KL
W	REVISED		

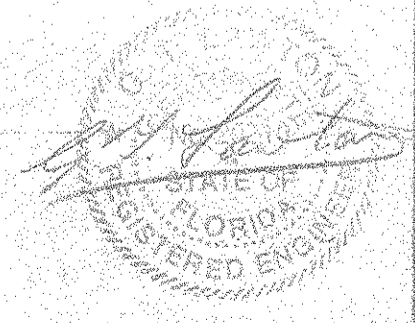
W.P. LONDON AND ASSOCIATES LIMITED
CONSULTING ENGINEERS
NIAGARA FALLS

HARFORD COUNTY RESOURCE RECOVERY FACILITY - HARFORD COUNTY, MARYLAND

FRAMING PLAN @ 61'-0" LEVEL

Consumat Systems, Inc.
RICHMOND, VIRGINIA U.S.A.

SCALE: 1/4" = 1'-0"
DATE: 8/26/86
DRAWN BY: [Signature]
CHECKED BY: [Signature]
DATE: 8/26/86
DWG. NO.: 4301-009
SHEET: 1 OF 1



TEMPORARY PERMIT NO. 771
TO PRACTICE ENGINEERING IN
THE STATE OF MARYLAND