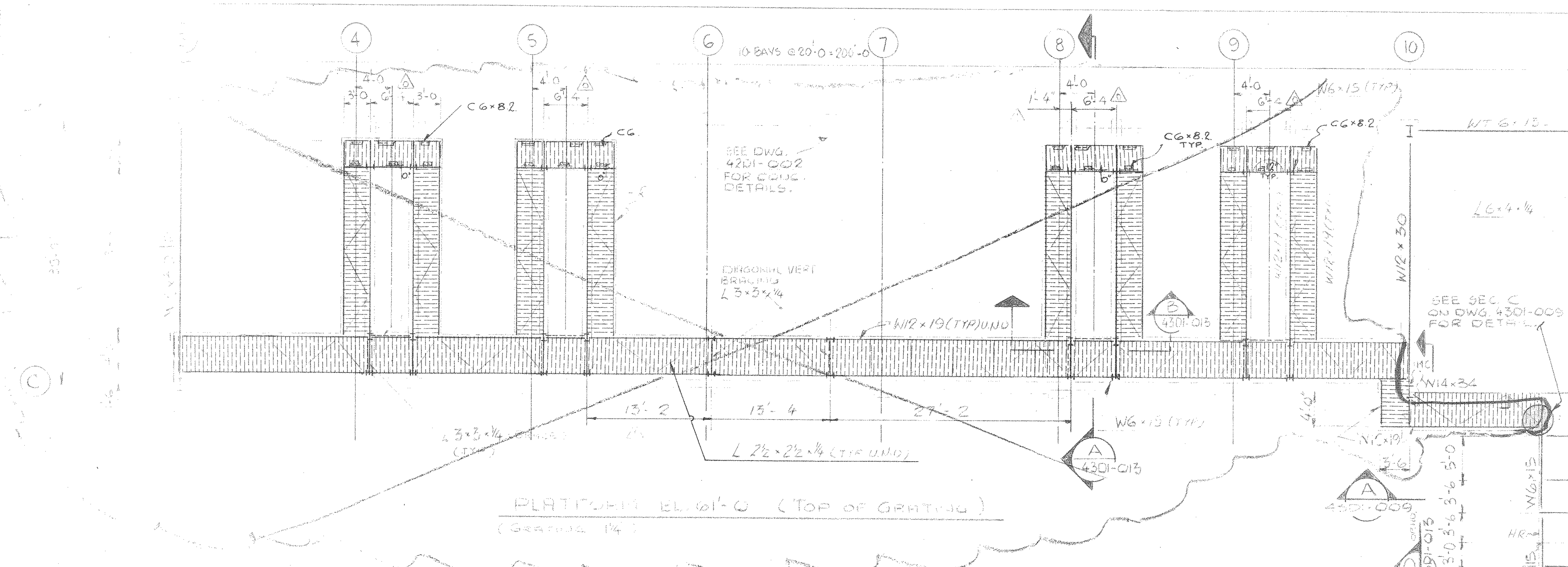


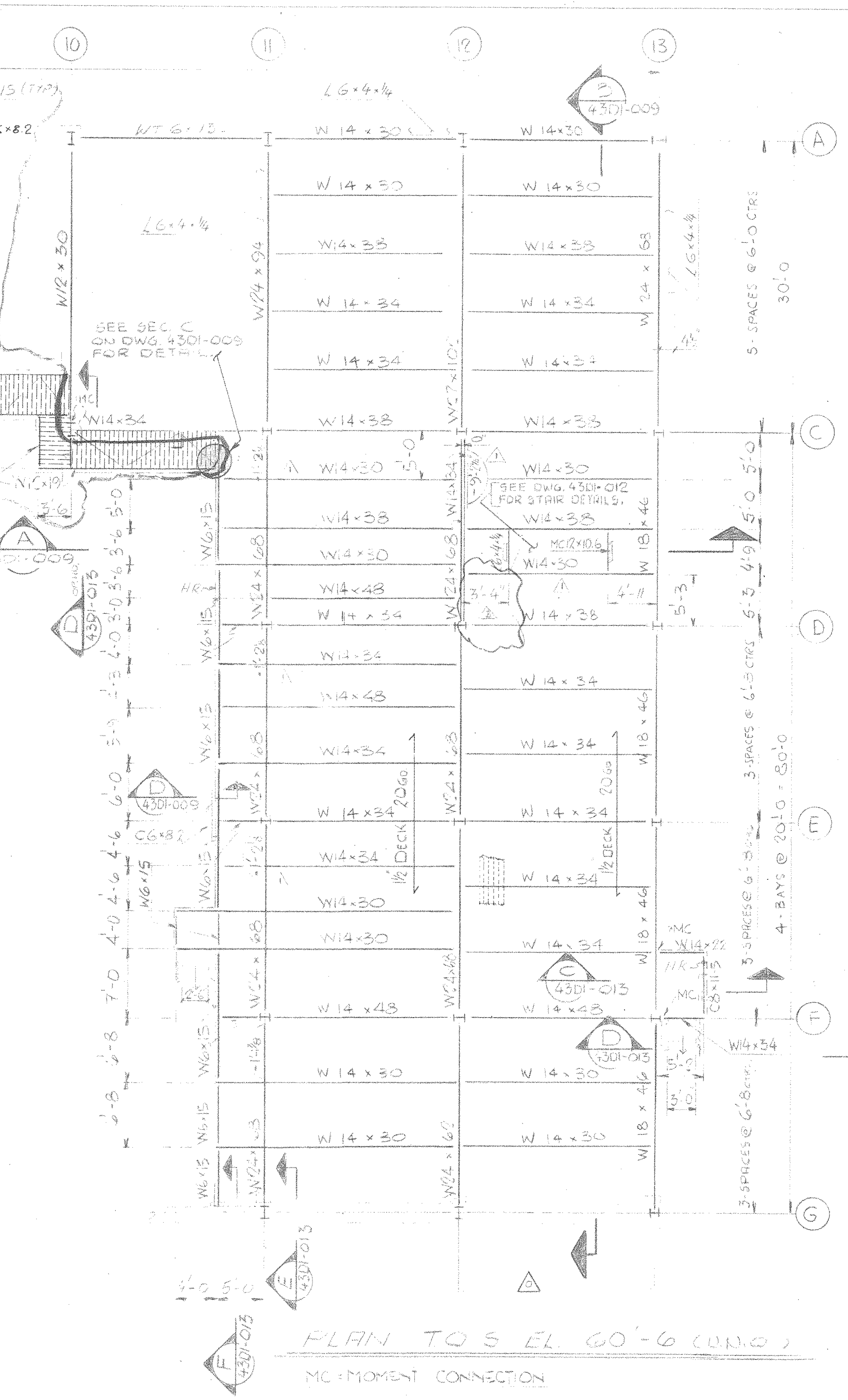


NOTE.
1. FOR TYPICAL MOMENT CONN, SEE DWG. 4301-013.

GENERAL NOTES ... STRUCTURAL STEEL

Loading: Roof Dead Load = 10 psf
Live Load = 30 psf
Total Load = 40 psf

Intermediate Floors
Live Load = 100 psf throughout or 50 psf + Equipment Weight

Wind Load
... Pressure
= ... to elev ...-0"
= 15 psf above elev 71'-0"

Purlins and girts shall be designed by the contractor for the above loads and to suit siding and girt profile ... Purlins shall be designed for an axial load of ... in addition to above loads to provide lateral support for ... truss ... and roof ... top chord of truss has been designed to take purlins ... points. Submit to engineer for approval.

All structural steel ... conform to ASTM Specification A-36.

Design, fabrication and erection of structural steel shall conform to the latest AISC specifications

All connections shall be shop welded and field bolted with 3/4"φ A-325 high strength bolts (U.N.O.).

Field welding is permitted where indicated on plans and when permitted by owner.

All holes shall be drilled or punched. No burning of holes shall be permitted.

Galvanized or inorganic zinc coated surfaces damaged by welding, burning or mechanical abrasion shall be cleaned for SSPC-SP-3 and coated with one component zinc-rich coating, such as Matcote's ... 284 Subox's Galvanox Type 1, or equal.

Beam Connections:
A) Connections 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"φ A-325 high strength bolts (galvanized) unless noted.

A-325 Bolted joints shall be friction type.

All shop connections shall be welded with E-70-XX electrode and conform to part ... of the AISC Manual (Latest Edition).

FIELD WELDING CONNECTIONS SHALL BE MADE WITH E-70-XX ELECTRODES

Unless otherwise indicated all gussets connecting ... members (knee braces, diagonal braces, etc.) shall be 3/8" plate and welded to develop full tensile strength of member.

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, Workmanship.

Working lines of Diagonal bracing members shall intersect center lines of beams or struts and center ... of columns unless otherwise shown.

Handrails and stair treads shall be bolted using ASTM A-307 galvanized machine bolts.

Steel construction shall be AISC. Type 2, commonly designated as "Simple Framing".

All Misc steel members such as ..., Flr. Grtg, anchor bolts, floor plates, stairway treads, ledge angles, etc. shall be hot dipped galvanized.

All pipe and HSS members shall be sealed water tight.

Top of steel (T.O.S.) elevations refer to the top of steel members.

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)

... ASTM A-... steel.

Paint primer - ... mils thick ... paint ... 2 coats at 1.5 mils each.

Do not paint contact surface at Bolted Connection

| | | | |
|---|---|---|---|
| 4 | ORIGINAL TRANSFERRED TO C.S.I. | NOV 19/86 | KL |
| 3 | DIM. REV AS NOTED ... AS PER CLIENT REQUEST | | |
| 2 | NOTES ADDED & REVISED AS SHOWN | 86/08/26 | |
| 1 | REVISED AS NOTED | 86/08/20 | |
| 0 | ISSUED FOR CONSTRUCTION | 86 ... | DCF |

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

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 | DRAWN | DRAWING NO.
DATE | CHK.
DO NOT SCALE | APPR. | SHEET