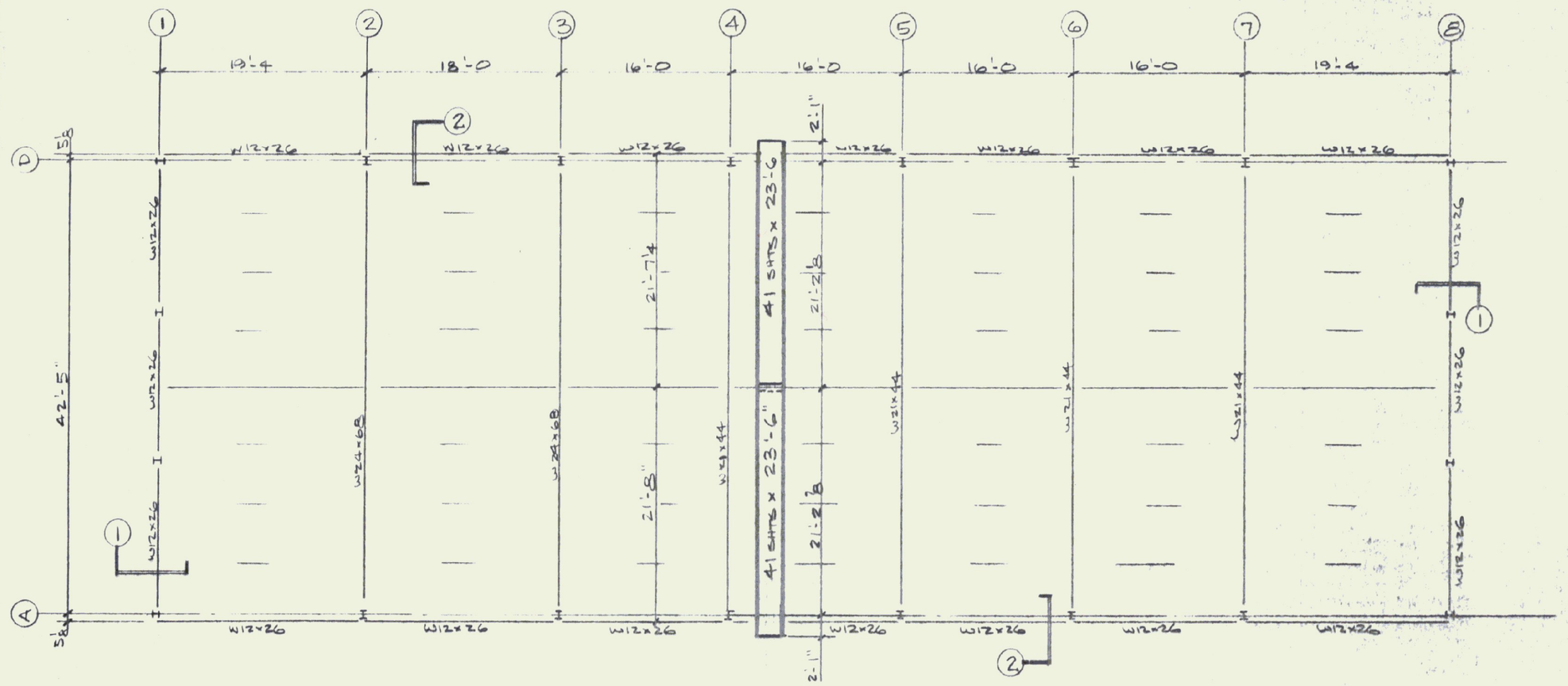
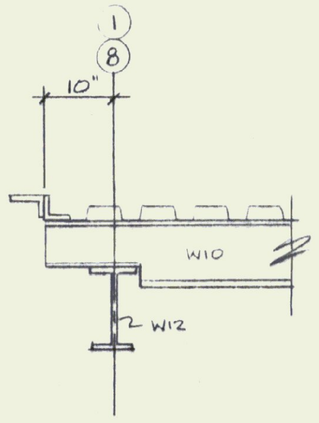
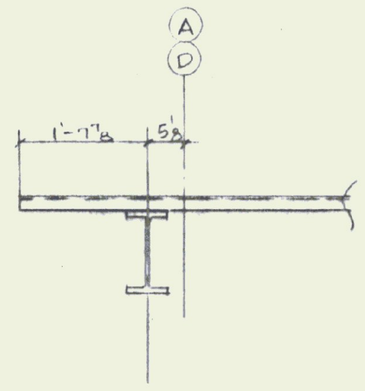




SECTION 1



SECTION 2

IMPORTANT

RECOMMENDATIONS FOR HANDLING AND ERECTING OPEN WEB STEEL JOISTS

FOLLOW THESE RECOMMENDATIONS FOR BETTER AND SAFER CONSTRUCTION

(1) Check quantities and condition of joists and accessories on arrival. NOTE ON THE DELIVERY TICKETS ANY SHORTAGES OR DISCREPANCIES. We will not be liable for shortages not so noted.

(2) WHEN UNLOADING BY CRANE ALWAYS HOOK CHAINS OR SLINGS TO TOP OR BOTTOM CHORDS, PREFERABLY AT 1/3 POINTS, NOT TO WEB MEMBERS. Use blocking if needed to prevent damage to joists.

(3) Store joists on wooden skids and in a vertical position. Skids should be at panel points to avoid damage to chords or webs. Lighter joists should be stacked on heavier joists if more than one layer is required. Cover joists to protect the prime coat if they are not to be erected immediately.

(4) Erection should be done only with plans noted "FINAL PLANS FOR FIELD USE." Standard and longspan joists should be aligned properly before completely welding or bolting bridging and completing the attachment of end bearing seats to supports.
HOISTING CABLES FOR LONGSPANS SHALL NOT BE RELEASED UNTIL ONE BRIDGING LINE NEAREST MID-SPAN HAS BEEN INSTALLED ON SPANS UP TO 60 FEET, TWO LINES ON SPANS BETWEEN 60 FEET AND 100 FEET. FOR SPANS OVER 100 FEET ALL LINES MUST BE INSTALLED BEFORE RELEASING HOISTING CABLES.
Brace joists in end bays if needed to prevent lateral displacement during installation of bridging.
Bottom chord bearing joists shall also be braced at ends until all bridging is installed and permanent lateral stability is provided.

(5) DO NOT APPLY ANY LOADS TO JOISTS UNTIL ALL BRIDGING IS COMPLETELY INSTALLED.
When stacking deck or centering on joists, after the installation of all bridging, stack as close as possible to walls or beams using several smaller stacks in lieu of fewer large stacks. Use extreme care to avoid overloading the joists.

(6) Metal deck or centering must provide the required lateral support for the joists. Follow the manufacturer's recommendations for installation of deck or centering.

(7) Northland Steel Corp. must be notified at once if joists and accessories cannot be erected according to latest plans.
NORTHLAND STEEL CORP. WILL NOT BE RESPONSIBLE FOR ANY FIELD REPAIRS OR CHANGES MADE WITHOUT OUR WRITTEN CONSENT.

(8) DO NOT CUT AWAY ANY CHORDS OR WEBS.
DO NOT COMPLETELY WELD STANDARD JOISTS TO BEARING SUPPORTS UNTIL PROPERLY ALIGNED. Tack weld each end of joist on the same side and do any aligning necessary during the installation of bridging. After installation of bridging, complete the attachment to the joist bearing support.
Do not attempt to align or straighten joists in groups after installation of bridging and permanent attachment to bearing supports has been made.
Do not dump or throw joists off of truck, as damage will result.
DO NOT WALK ERECTED JOIST UNTIL SOME PROVISION HAS BEEN MADE TO KEEP JOIST FROM OVERTURNING.

(9) Northland Steel Corp. joists and joist girders are fabricated to meet the erection requirements of the Occupational Safety and Health Act. FIELD COMPLIANCE WITH THIS ACT IS NECESSARY.

(10) No loads shall be placed on joist girders, other than joists being supported by girders, until all joists bearing on the girder have been bridged in and welded to the girder.

(11) Bottom chords of girders are not to be welded to stabilizer plates on columns until after the application of all dead loads.

(12) No provisions will be made for the attachment of materials of other trades unless specifically stated as part of Northland Steel Corp. contract.

NOTES

1. ALL SHORT SPAN AND LONG SPAN JOISTS ARE CAMBERED IN ACCORDANCE WITH S.J.I. STANDARDS UNLESS OTHERWISE NOTED.
2. JOIST CHORDS ARE NOT DESIGNED FOR CONCENTRATED LOADS. EITHER PLACE LOADS AT PANEL POINTS OR FIELD WELD AN EXTRA MEMBER FROM POINT OF LOAD TO NEAREST PANEL POINT ON OPPOSITE CHORD AT NO EXPENSE TO NORTHLAND STEEL CORP.
3. CEILING EXTENSIONS ARE NOT FURNISHED.
4. PAINT LONG SPANS – ONE SHOP COAT _____
5. PAINT SHORT SPANS – ONE SHOP COAT _____
6. BRIDGING – _____
7. BRIDGING – _____
8. PLACE TAGGED END OF JOIST WHERE INDICATED THUS ◄—(T)—►
9. ALL HORIZONTAL BRIDGING SHIPPED IN 20'-0" LENGTHS STANDARD 6" LAP.
10. FLOOR DECK: _____ GA. _____ 30" COVER
MANUFACTURED BY: _____
11. ROOF DECK: 1½ x 22 GA.
TYPE B FINISH GALVANIZED 36" COVER
MANUFACTURED BY: ROOF DECK INC.

FASTEN DECK TO ALL SUPPORTS @ 12" OC. MIN W/ 5/8"ϕ PUDDLE WELDS
FASTEN SIDELAPS BETWEEN SUPPORTS W/ ONE #10-16 x ¾" TEK 1

RECEIVED
AUG 25 1993
INGART BOSTON, INC.

RELIANCE STEEL, INC.
RECEIVED
AUG 24 1993

DATE	REVISIONS	CHECK

NORTHLAND Steel Corp.
CONSTRUCTION PRODUCTS
STEEL JOIST METAL DECK
TELEPHONE (508) 664-0044
148 PARK ST. • N. READING, MA.

ITEMS	DECK LAYOUT
PROJECT	MAINTENANCE FACILITY
	CLARENDON VERMONT
CUSTOMER	RELIANCE STEEL
ARCH'T OR ENG'R	
DRAWN BY Stan D	DATE 8/20/93 CHK'D. BY DATE
JOB: 93-123	SHT. NO. D1 OF 1