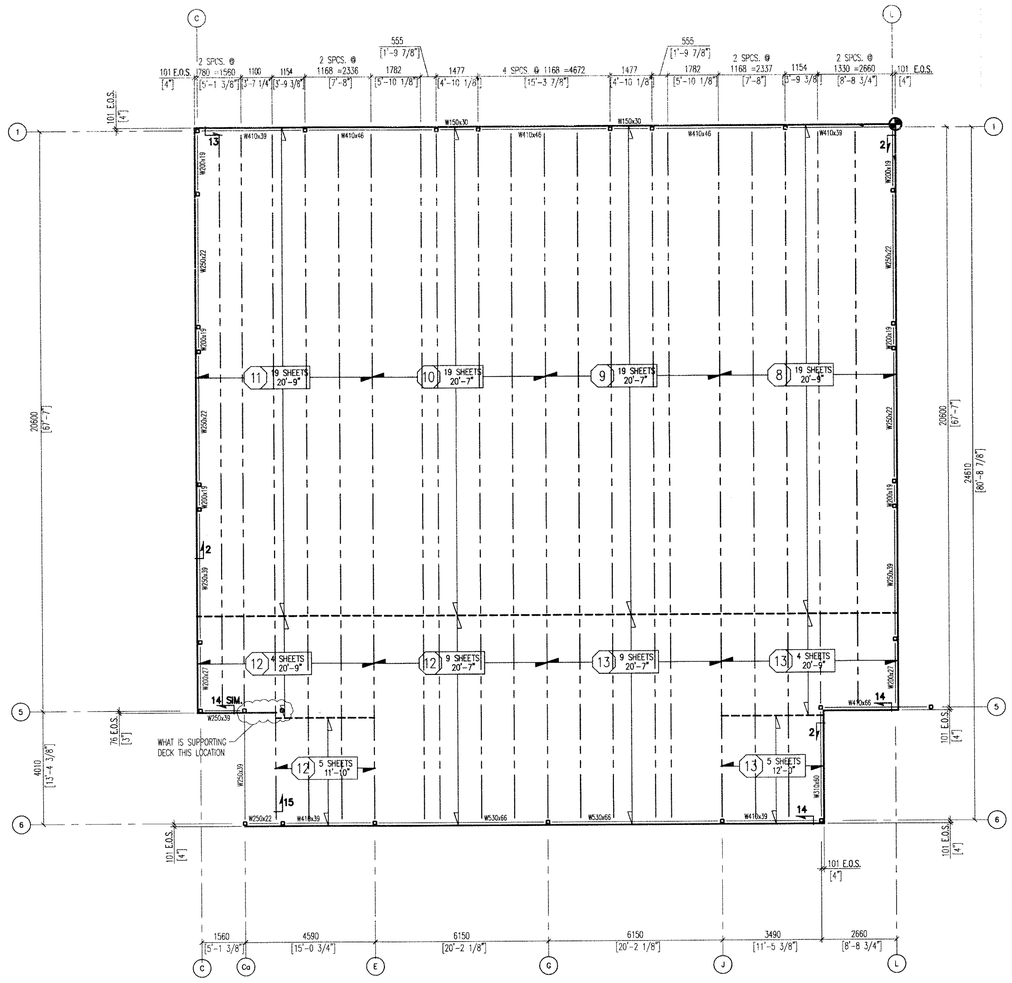
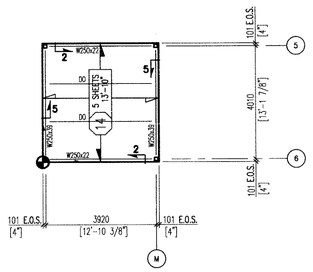
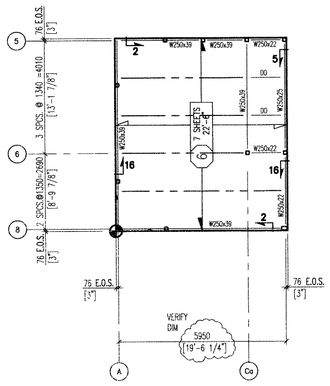


HIGH ROOF DECK LAYOUT

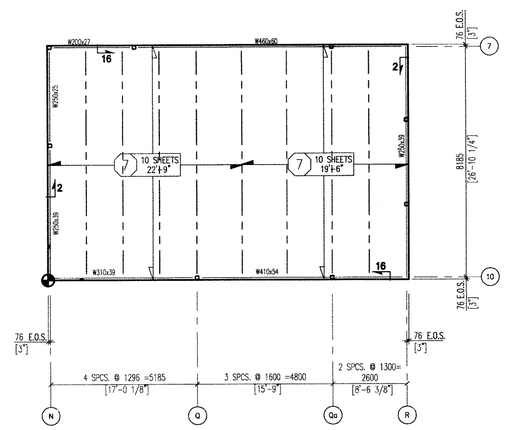


HOSE TOWER ROOF DECK LAYOUT



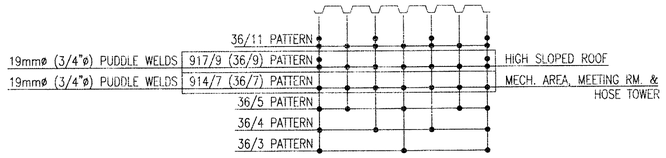
MECHANICAL AREA ROOF DECK LAYOUT

NOTE:
PLEASE VERIFY ALL EDGE OF STEEL DIMS.



MEETING ROOM ROOF DECK LAYOUT

DECK FASTENER PATTERN



ROOF LOADING NOTES:

ENGINEER PLEASE CHECK LOADS

DL = 1.5 kPa
LL = 2.9 kPa (Is = 1.25 INCLD.) + SNOW ACCUMULATION
NET FACTORED UPLIFT = 2.0 kPA (Iw = 1.25 INCLD.)
LL DEFLECTION = L/300

HIGH SLOPED ROOF DECK PLAN NOTES:

MATERIAL:	38mm -1.52mm GALVANIZED [NMBS 1.5B18G30]
WELDS: AT PERIMETER:	19mmø PUDDLE WELDS @ 150 o/c - EVERY FLUTE, 914/9 PATTERN
AT SUPPORTS:	19mmø PUDDLE WELDS @ 150 o/c - EVERY FLUTE, 914/9 PATTERN
LONGITUDINAL:	19mmø PUDDLE WELDS @ 100 o/c
SIDELAP CONNECTIONS:	BUTTON PUNCH @ 300 o/c
MINIMUM SHEET LAP:	102mm (4")

MEETING ROOM, HOSE TOWER & MECHANICAL AREA ROOF DECK PLAN NOTES:

MATERIAL:	38mm -1.22mm LIGHT ZINC COATED [NMBS 1.5B18G30]
WELDS: AT PERIMETER:	19mmø PUDDLE WELDS @ 150 o/c - EVERY FLUTE, 914/7 PATTERN
AT SUPPORTS:	19mmø PUDDLE WELDS @ 150 o/c - EVERY FLUTE, 914/7 PATTERN
LONGITUDINAL:	19mmø PUDDLE WELDS @ 150 o/c
SIDELAP CONNECTIONS:	BUTTON PUNCH @ 150 o/c
MINIMUM SHEET LAP:	102mm (4")

For Approval Only
NOT FOR CONSTRUCTION

APPROVAL ENGINEER STAMP	CJDC ENGINEER'S STAMP
	LICENSED PROFESSIONAL ENGINEER B.A. MCGINGLE 11/19/10 PROVINCE OF ONTARIO

REV No	DATE	DESCRIPTION
0	11/19/10	ISSUED FOR APPROVAL
REV No	DATE	DESCRIPTION
REV No	DATE	DESCRIPTION
REV No	DATE	DESCRIPTION
REV No	DATE	DESCRIPTION

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drafting@canadianjoist.ca

CANADIAN JOIST & DECK CORP.

JOB NAME: BARRHAVEN FIRE STATION NO. 47 -DECK LAYOUT
LOCATION: OTTAWA, ON
ARCHITECT NAME: CSV ARCHITECTS
ENGINEER NAME: HALSALL
CUSTOMER: BLACK ANVIL IRON WORKS
CUSTOMER P.O. NUMBER:
NMBS JOB. NUMBER: 8010-0704
DTLR. S.A.L.
CHKR. C.P./R.B.

JOB NO. 10-123
DATE 2010-10-21
DRAWING NO. D1.1
REV. 0