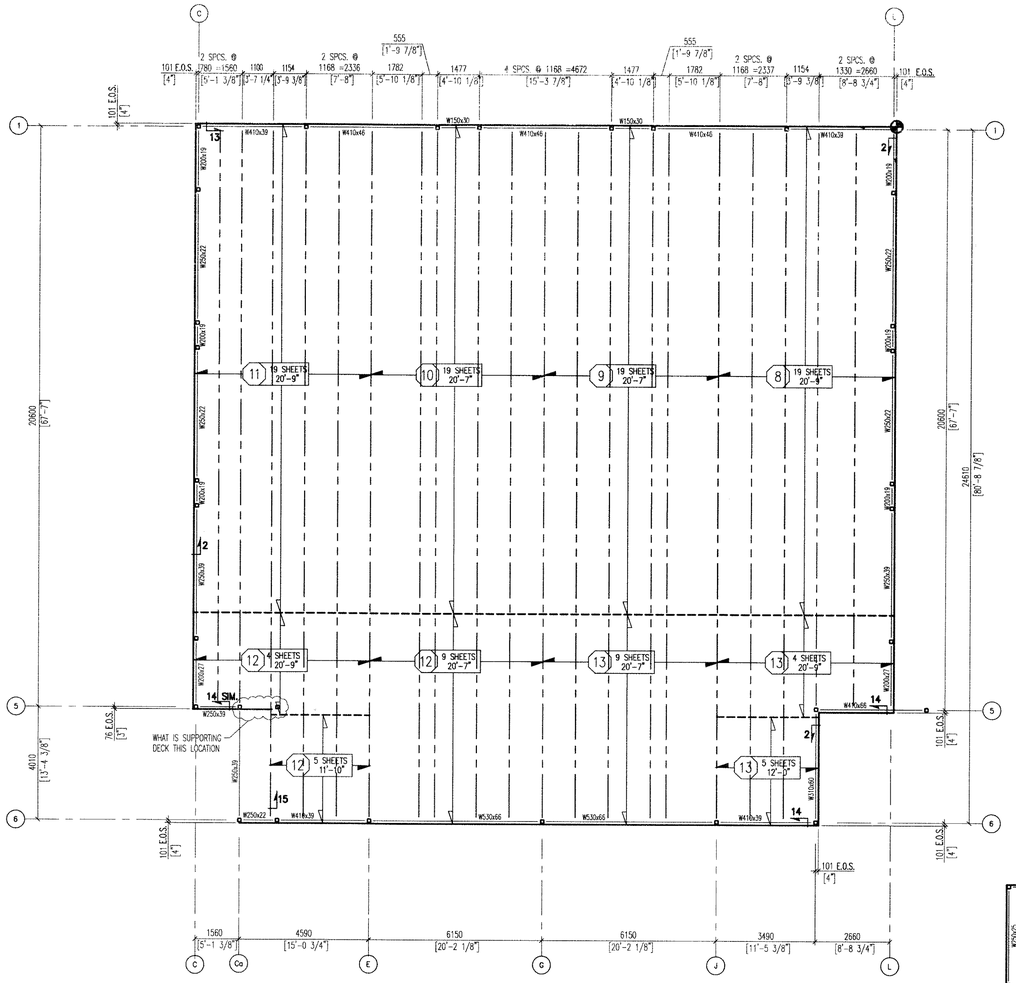
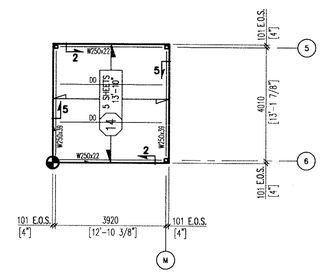
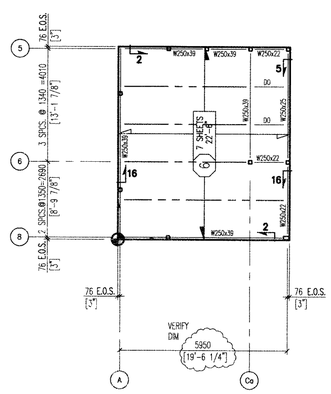


HIGH ROOF DECK LAYOUT

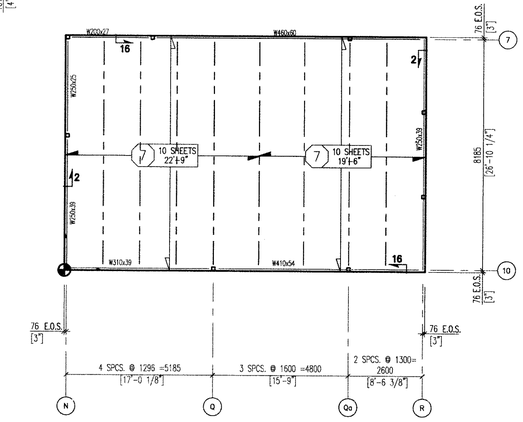


HOSE TOWER ROOF DECK LAYOUT



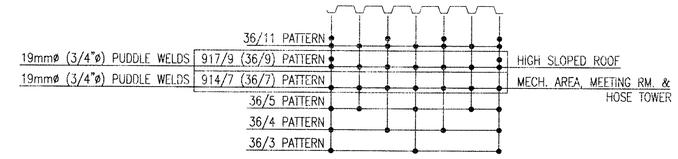
MECHANICAL AREA ROOF DECK LAYOUT

NOTE:
PLEASE VERIFY ALL EDGE OF STEEL DIMS.



MEETING ROOM ROOF DECK LAYOUT

DECK FASTENER PATTERN



ROOF LOADING NOTES:

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

ENGINEER PLEASE CHECK LOADS

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. MCGRINDLE 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

2510 Ouellette
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drafting@canadianjoist.ca

CANADIAN JOIST & DECK CORP.

DECK LAYOUT

JOB NAME	BARRHAVEN FIRE STATION NO. 47
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