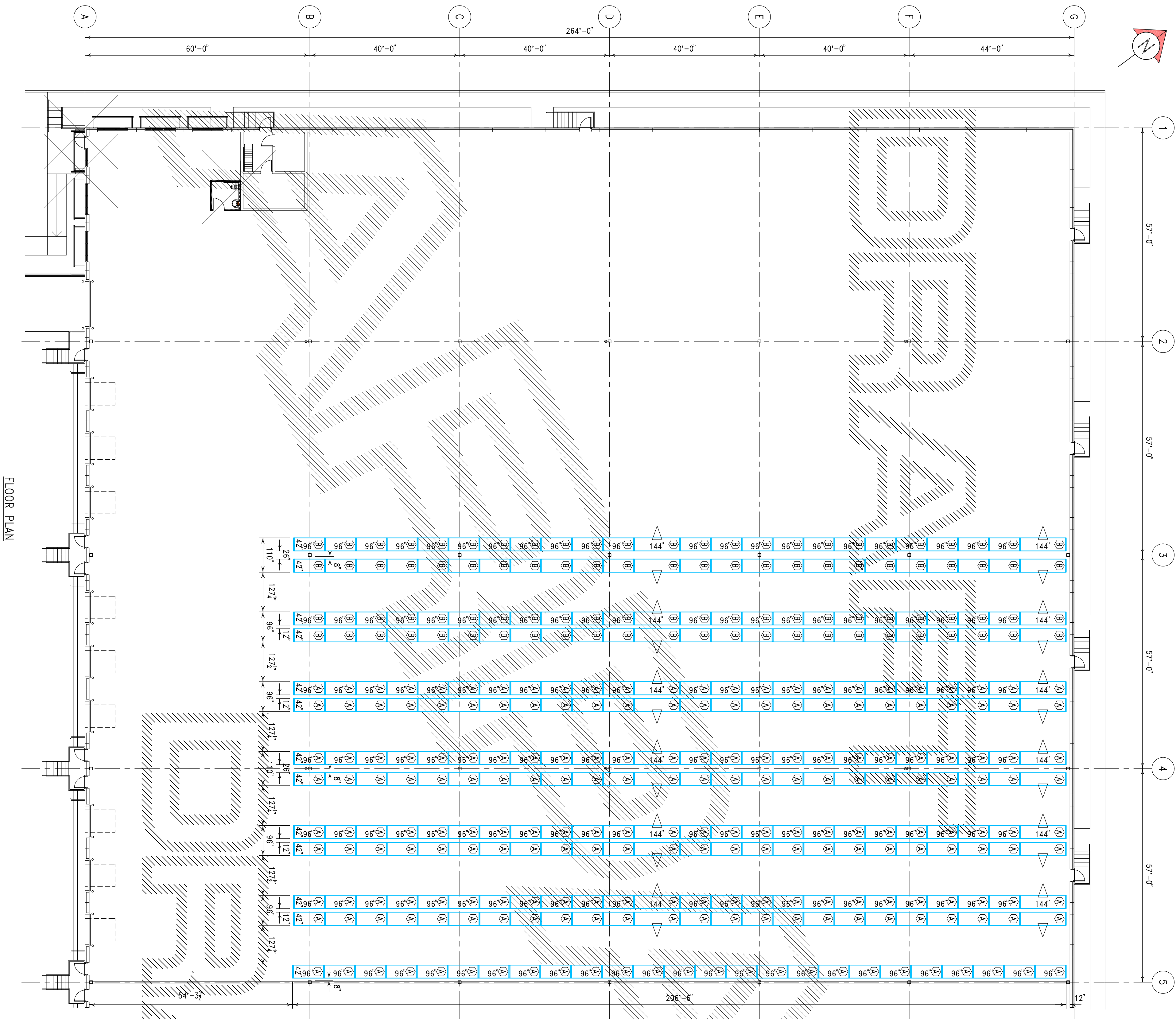
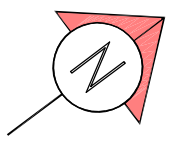
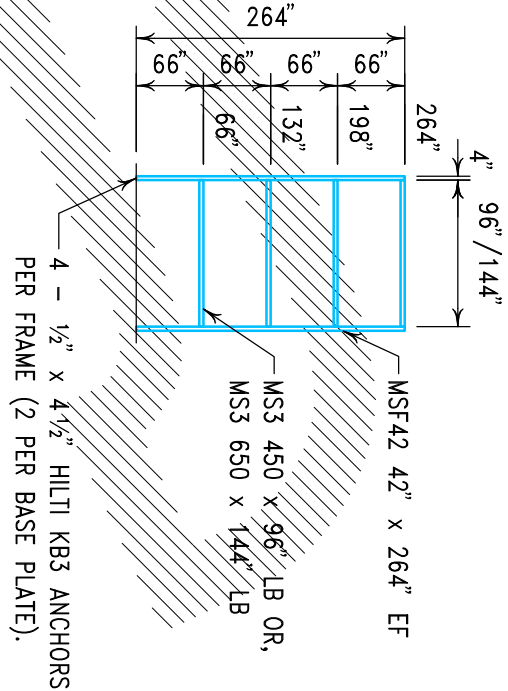




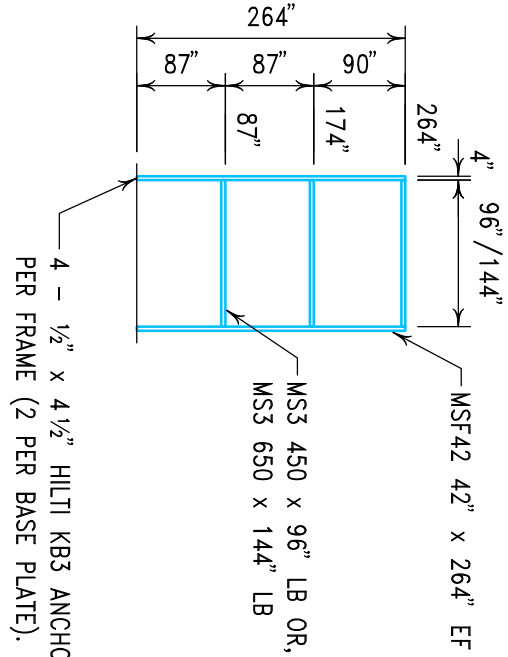
FLOOR PLAN

DESIGN CRITERIA: 5,000 LB MAXIMUM LOAD PER LEVEL, 5,000 LB TYPICAL LOAD PER LEVEL, AT AN OCCUPANCY RATE OF 90%. ALL LOADS ARE ASSUMED TO BE UDL (UNIFORMLY DISTRIBUTED LOAD).



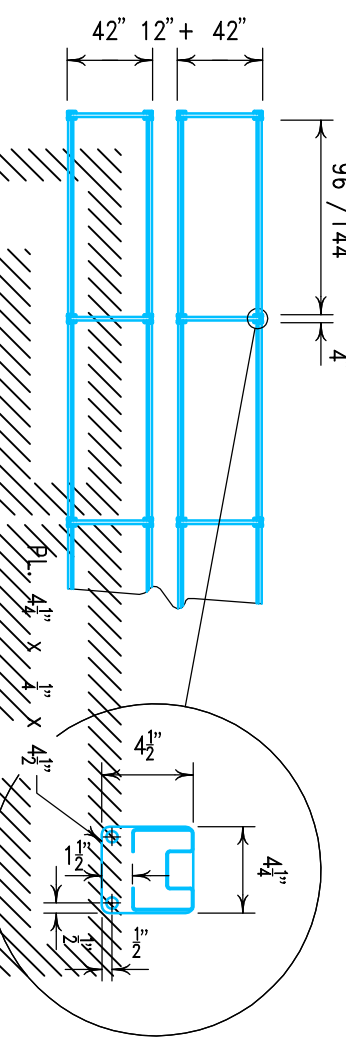
TYPICAL FRONT ELEVATION MSF42 SELECTIVE RACKING (A)

DESIGN CRITERIA: 5,000 LB MAXIMUM LOAD PER LEVEL, 5,000 LB TYPICAL LOAD PER LEVEL, AT AN OCCUPANCY RATE OF 90%. ALL LOADS ARE ASSUMED TO BE UDL (UNIFORMLY DISTRIBUTED LOAD).



TYPICAL FRONT ELEVATION MSF42 SELECTIVE RACKING (B)

ALLOWABLE LOADS - THESE CONFIGURATIONS ONLY
**BEFORE ADJUSTING OR REMOVING BEAM LEVELS
CONSULT ARPAC OR A PROFESSIONAL ENGINEER.

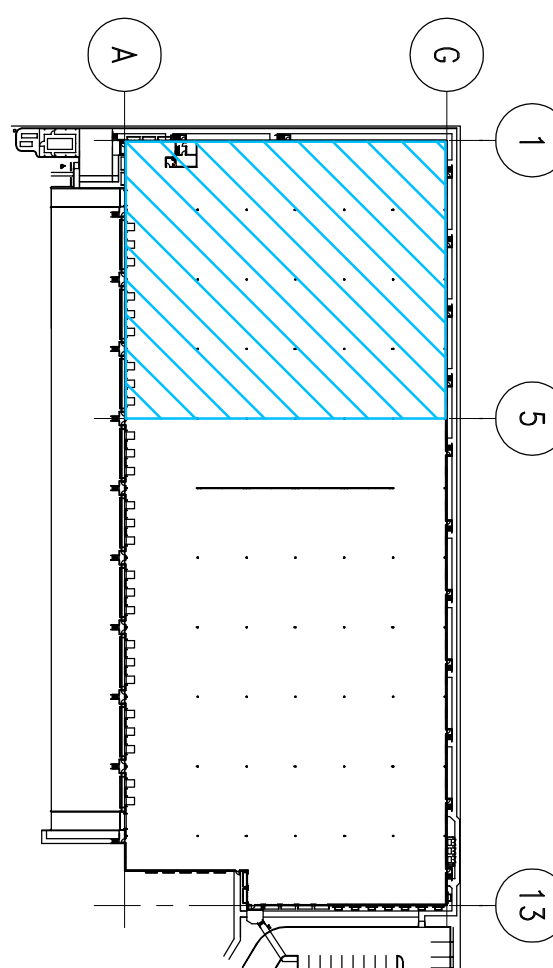
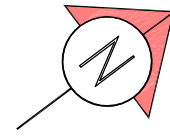


TYPICAL PLAN VIEW



TYPICAL ELEVATION (WORST CASE)

SUMMARY OF WORST CASE RACK POST LOADS-TO-SLAB



KEY PLAN

IF REBAR IS ENCOUNTERED WHEN DRILLING ANCHOR HOLES:
1) USE ALTERNATE HOLE (IF AVAILABLE ON SAME SIDE OF POST) OR
2) INSTALL A SHORT ANCHOR IN THE HOLE WHERE REBAR OCCURS
AND INSTALL A STANDARD ANCHOR ON SAME SIDE OF FOOT PLATE,
WELDING THE NUT/WASHER TO THE FOOTPLATE.

ANCHORING DETAIL

ACCURACY OF ARPAC PRODUCED DRAWINGS IS LIMITED TO PALLET RACKING AND SIMILAR STORAGE STRUCTURES MANUFACTURED AND/OR INSTALLED BY ARPAC ONLY. OTHER DETAILS SUCH AS DOOR ARPAC TAKES NO RESPONSIBILITY FOR THESE REFERENCE DETAILS ARE IN COMPLIANCE WITH FIRE, BUILDING CODE/LAWS OR WORKSAFE/CRC REGULATIONS, STATED FOR STRUCTURAL ITEMS ONLY. USER MUST KEEP EXIT ROUTES CLEAR AND UNOBSTRUCTED AS PER APPLICABLE REQUIREMENTS.

GENERAL NOTES

- 1) CONFIRM ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF THE WORK.
- 2) REPORT DISCREPANCIES TO THE INSTALLATION SUPERVISOR BEFORE PROCEEDING. THE ENGINEER-OF-RECORD AND THE CUSTOMER MUST APPROVE CHANGES.
- 3) RACK SHOULD BE INSTALLED PLUMB, LEVEL AND SQUARE. SHIMMING MAY BE REQUIRED AS MOST FLOORS ARE NOT PERFECTLY LEVEL.
- 4) Δ - DENOTES A TUNNEL BAY. NO CONSECUTIVE TUNNEL BAYS OR TUNNEL BAYS AT ROW ENDS EXCEPT ONLY WHERE SHOWN ON THIS DRAWING.
- 5) RACK COMPONENTS MUST BE A MINIMUM OF 12" FROM WALLS, COLUMNS, MACHINERY, ETC., IN THE DOWN-AISLE DIRECTION AND 8" IN THE CROSS-AISLE DIRECTION, UNLESS NOTED OTHERWISE.
- 6) INSTALL 1 LOCKING PIN PER BEAM BRACKET, UNLESS NOTED OTHERWISE.
- 7) INSTALL ROW SPACERS BETWEEN BACK-TO-BACK FRAMES AT INTERVALS NOT TO EXCEED 8'-0", UNLESS NOTED OTHERWISE. IF FRAMES ARE ANCHORED, FIRST ELEVATION MAY BE UP TO 8'-0" FROM FLOOR LEVEL, OTHERWISE < 2'-0".
- 8) ANCHORS MUST BE INSTALLED ACCORDING TO THE ANCHOR MANUFACTURER'S INSTRUCTIONS. ANCHORS MUST NOT BE CUT OFF WITHOUT ENGINEER'S APPROVAL. MINIMUM EMBEDMENT IS ANCHOR LENGTH MINUS 12". UNLESS NOTED OTHERWISE, EXPANSION ANCHORS MUST BE AT LEAST 6 ANCHOR DIAMETERS FROM A CONSTRUCTION JOINT/SW-CUT/LARGE CRACK (0.1 MM THICKNESS OF 1 SHEET OF COPY PAPER) IN THE FLOOR SLAB. CALL THE ENGINEER-OF-RECORD FOR ANCHORING OPTIONS.
- 9) FLOOR SLAB CAPACITY, COMPLIANCE WITH BUILDING AND APPLICABLE FIRE CODES, BY-LAWS AND REQUIRED PERMITS, IF ANY, ARE THE OWNER'S RESPONSIBILITY.
- 10) SEISMIC ANALYSIS & DESIGN OF NEW AND/OR USED IN "AS-BUILT" (NO RUST DAMAGE, ETC.) CONDITION MULTI-LEVEL RACK AND/OR SHELVING DESIGNED TO THE BCBC 2018 DIVISION B - PART 4, STRUCTURAL DESIGN.
- 11) SITE CLASS = F, AS PER . FILE # . DATED . SEE TABLE OF SITE SPECIFIC SEISMIC DATA.
- 12) DAMAGED RACK AND/OR SHELVING MUST BE UNLOADED IMMEDIATELY AND NOT RETURNED TO SERVICE UNTIL THE DAMAGED COMPONENTS ARE REPAIRED OR REPAIRS ARE COMPLETED. ALL SUCH REPAIRS SHOULD BE COMPLETED BY A COMPETENT PERSON.
- 13) PERMISSIBLE TOLERANCE FROM PLUMB IS 1/2" FOR EVERY 10'-0" OF FRAME ELEVATION.
- 14) ARPAC - 7665 PROGRESS WAY, DELTA, BC IS CERTIFIED BY THE CANADIAN WELDING BUREAU [CWB] TO CSA STANDARD W47.1 - DIVISION 2.

SITE SPECIFIC SEISMIC DATA

I	0.25	0.50	1.00	2.00	5.00	PGA
Sd(1)	0.00	0.00	0.00	0.00	0.00	0.00
Sd(2)	0.00	0.00	0.00	0.00	0.00	PGV
Ed(1)	0.00	0.00	0.00	0.00	0.00	0.00

INSTALLER PLEASE CALL (604) 940-4000 24 HOURS PRIOR TO COMPLETION.

INSTALLATION SIGN-OFF

INSTALLER: THIS INSTALLATION IS COMPLETE AS PER THE SPECIFICATIONS AND MARK UPS ON THIS DRAWING. SIGNED: . DATE: .
FIELD REVIEWER: THIS INSTALLATION HAS BEEN INSTALLED AS PER THE SPECIFICATIONS AND MARK UPS ON THIS DRAWING. SIGNED: . DATE: .
NOTE: FIELD REVIEWER AFTER SIGNING & DATING PLEASE RETURN THIS DRAWING TO THE DESIGNER FOR ARPAC AND EOR FILES.

*WARNING *

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THIS DRAWING IS TO PROVIDE INSTRUCTION FOR INSTALLATION OF PRODUCTS PROVIDED BY ARPAC. ANY AND ALL USE OF THIS DRAWING BY OTHERS IS AT THEIR SOLE RISK.