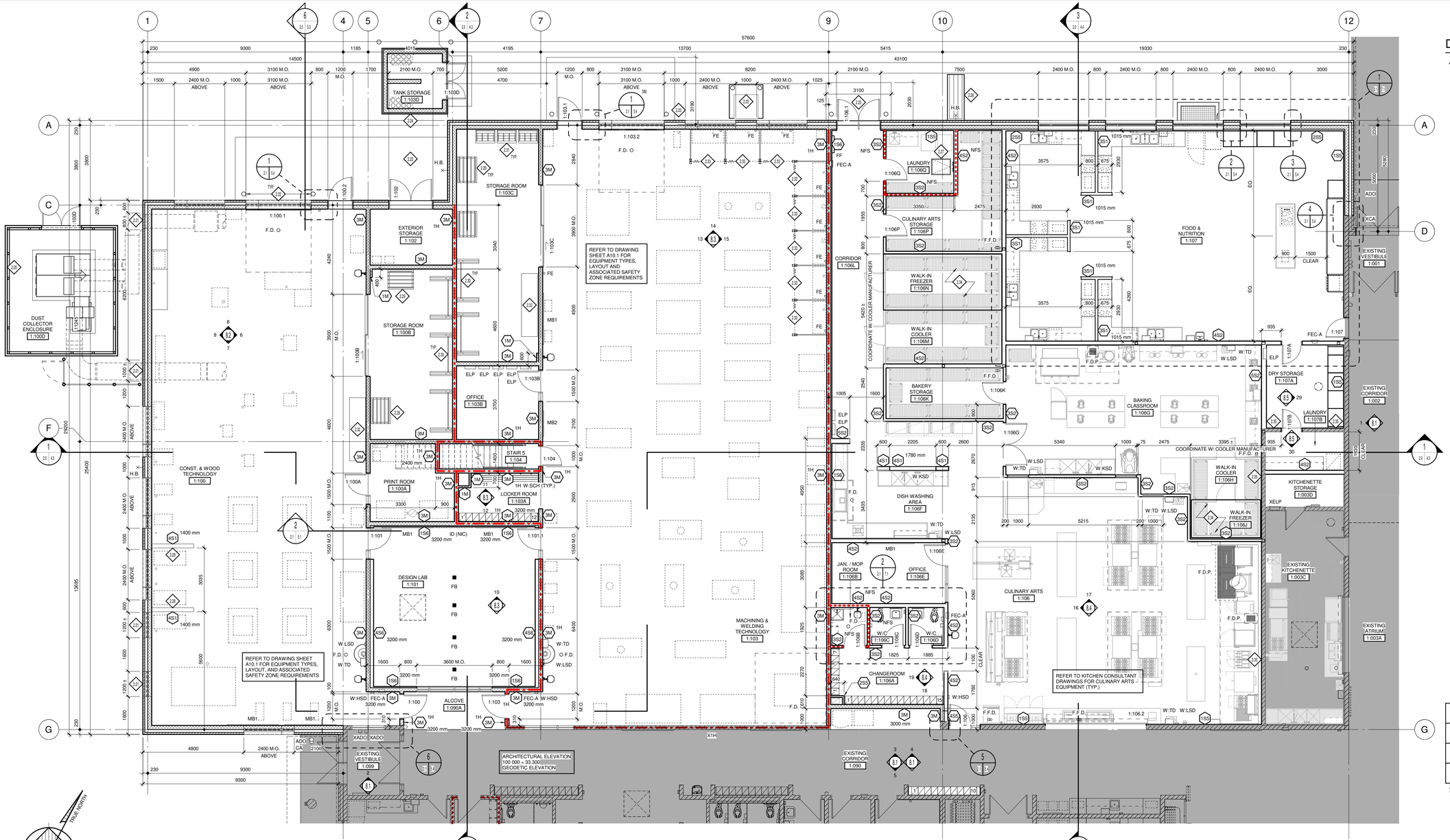
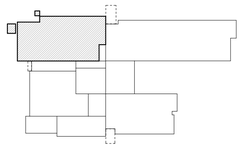


MAIN FLOOR PLAN

SCALE 1 : 100

DRAWING REFERENCE NOTES:

2:32	TOOL STORAGE AS SPECIFIED, REFER TO PROJECT MANUAL SECTION 10 56 10 - METAL STORAGE.
2:33	WELDING BOOTH C/W SNORKELED EXHAUST EXTRACTION (TYP.). REFER TO MECHANICAL.
2:34	RECESSED FLOOR FOR WALK-IN FREEZER, REFER TO FOOD SERVICES AND STRUCTURAL.
2:35	INSTALL ONE LAYER 16 mm GYPSUM BOARD (PTD.) ON EXISTING STEEL STUD FRAMING - FULL EXTENT OF WALL, WHERE DEMOLITION HAS OCCURED.



BUILDING KEY PLAN

SCALE 1 : 2000

LM esp
LM Architectural Group | Environmental Space Planning
500-136 Market Avenue Winnipeg, Manitoba Canada R3B 0P4
t: 204.942.0681 lm-esp.ca

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR CONSTRUCTION	JT	04.01.24

SEAL

PROVINCE OF MANITOBA — LM ARCHITECTURAL GROUP No. 052 — APPROVED PARTNERSHIP OR CORPORATION

PROVINCE OF MANITOBA — JONATHAN D. TRENHOLM — REGISTERED ARCHITECT

2024-04-02

HW DRAWN	HW CHECKED	JT DESIGNED	JT APPROVED
DATE 2024.04.01	USER APPROVAL		

Winnipeg — THE CITY OF WINNIPEG
ASSETS & PROJECT MANAGEMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT

PEMBINA TRAILS COLLEGIATE VOCATIONAL WING TENDER NO. 954-2023B

50 FRONTIER TRAIL, WINNIPEG, MANITOBA, R3Y 2H1

SHEET TITLE

MAIN FLOOR PLAN

SCALE	PROJECT No:	SHEET No:
As indicated	2020-127	A2.1

CONSTRUCTION GENERAL NOTES:

1. ALL DIMENSIONS ARE TO FACE OF GYPSUM BOARD OR CONCRETE OR MASONRY UNLESS OTHERWISE NOTED (DIMENSIONS TO STRUCTURAL GRIDLINES AND COLUMN CENTERLINES ARE INDICATED WITH A DOT).
2. ALL INTERIOR PARTITION TYPES NOT INDICATED ARE TO BE TYPE 3M.
3. WHERE ROOMS CONTAIN EXPOSED STRUCTURE CEILING, ALL PERIMETER MASONRY WALLS TO EXTEND TO UNDERSIDE OF FLOOR OR ROOF ABOVE.
4. ALL INTERIOR NON BEARING MASONRY WALLS TO TERMINATE AT ONE BLOCK COURSE ABOVE UNDERSIDE OF CEILING UNLESS OTHERWISE NOTED. REFER TO BELOW FOR WALL TYPE ABOVE MASONRY TO UNDERSIDE OF FLOOR OR ROOF:

   3M WALL CONSTRUCTION
   - 4S2 FOR NON RATED WALL
   - 4S4 FOR 1 HOUR RATED WALL
   - 4S0 FOR 1.5 OR 2 HOUR RATED WALL
5. PROVIDE 90 mm SOLID MASONRY BEHIND FIRE EXTINGUISHER CABINET & FORCE FLOW HEATING UNIT RECESSES IN 1 HOUR FIRE RATED MASONRY WALLS TO MAINTAIN REQUIRED FIRE SEPARATION.
6. PROVIDE FIRE RATED GYPSUM BOARD ASSEMBLY AS REQUIRED TO INFILL VOIDS IN MASONRY WALLS AT STRUCTURAL MEMBERS / OR VARIOUS PENETRATIONS. LOCATIONS TO BE COORDINATED ON SITE.
7. ALL GYPSUM BOARD TO BE "TYPE X" TO ACHIEVE FIRE AND ACOUSTIC RATINGS INDICATED ON WALL TYPES.
8. CAULK PERIMETER OF GYPSUM BOARD CONTINUOUSLY BOTH SIDES, TOP AND BOTTOM OF ALL FIRE SEPARATIONS AND INTERIOR WALLS CONTAINING ACOUSTIC INSULATION.
9. SUPPLY AND INSTALL FIRESTOPPING AND SMOKE SEALS AROUND ALL PENETRATIONS THROUGH FIRE SEPARATIONS TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION.
10. SUPPLY AND INSTALL CAULKING/SEALANTS AS SPECIFIED AROUND ALL PENETRATIONS THROUGH ALL WALLS, FLOORS AND CEILINGS. SPECIFIC REQUIREMENTS FOR PENETRATIONS TO BE BASED ON PENETRATION TYPE AND CONSTRUCTION OF ASSEMBLY.
11. AT ALL ACOUSTIC-RATED AND FIRE-RATED ASSEMBLIES, COVER ALL OUTER LAYER JOINTS WITH JOINT COMPOUND, JOINT TAPE AND WITH ADDITIONAL JOINT COMPOUND. COVER ALL SCREW HEADS WITH JOINT COMPOUND INCLUDING ABOVE FINISHED CEILINGS, IN ACCORDANCE WITH STC AND ULC STANDARDS.
10. FIRE SEPARATIONS ARE INDICATED BY LINETYPE DESIGNATION ON DRAWINGS - REFER TO LEGEND. CONSTRUCT ALL INTERIOR FIRE SEPARATIONS TO MAINTAIN THE CONTINUITY OF THESE SEPARATIONS AND RATINGS. FIRE SEPARATIONS SHALL BE FULLY LABELED ON THE WALL WITH 150 mm H. LETTERS ABOVE THE FINISHED CEILING @ 6 M O.C.
11. ALL NON-RATED FIRE SEPARATION WALLS ARE TO BE CONSTRUCTED THE SAME AS FIRE-RATED SEPARATION WALLS UNLESS OTHERWISE NOTED.
12. SOUND TRANSMISSION CLASS (STC) RATINGS HAVE BEEN QUOTED FROM THE NATIONAL BUILDING CODE OF CANADA.
13. G.C. SHALL COORDINATE MECHANICAL AND ELECTRICAL WITH STRUCTURE AND ADJUST FURRING AS REQUIRED IN CONJUNCTION WITH CONTRACT ADMINISTRATOR.
14. SUPPLY AND INSTALL 19 mm PLYWOOD BACKBOARDS PAINTED WITH FIRE RETARDANT PAINT AT ALL ELECTRICAL PANELS - REFER TO ELECTRICAL DRAWINGS.
15. CONTRACTOR TO COORDINATE LOCATION OF ALL RECESSED ELECTRICAL FLOOR BOXES WITH THE CITY PRIOR TO ROUGH IN.
16. PROVIDE 150 mm HIGH CONCRETE CURB AROUND THE PERIMETER OF THE MECH. MEZZ. 1M:02 (EXCLUDE DOOR OPENINGS UNLESS OTHERWISE NOTED) - REFER TO STRUCTURAL.
17. SLOPE FLOORS MIN. 20 mm TO ALL FLOOR DRAINS UNLESS OTHERWISE INDICATED.
18. REFER TO ARCHITECTURAL PROJECT MANUAL DETAILS.
19. ADD 13 mm TILE BACKERBOARD TO WALL TYPE INDICATED (SUBSTITUTE BACKERBOARD IN LIEU OF GYPSUM BOARD SPECIFIED IF WALL IS NOT FIRE RATED) AT ALL THIN-SET TILING AS INDICATED IN THE ROOM FINISH SCHEDULE.
20. PROVIDE MOULD RESISTANT GYPSUM BOARD (IN LIEU OF GYPSUM BOARD INDICATED) ON WALL TYPES ON WALL SURFACES:
    a. CONTAINING PLUMBING FIXTURES - FULL HEIGHT (TO MIN. 150 mm ABOVE CEILING) AND WIDTH TO ADJACENT INTERSECTING WALL(S). WHERE INTERSECTING WALL IS LESS THAN 900 mm FROM PLUMBING FIXTURE CENTERLINE CONTINUE MOULD RESISTANT GYPSUM BOARD ONTO ADJACENT WALL SURFACE MIN. 900 mm.
    b. WITHIN CULINARY ARTS, FOODS & NUTRITION, W/C AND JAN. / MOP ROOMS.

DRAWING LEGEND:

- SOLID HATCH DENOTES AREA NOT IN CONTRACT (NIC)
- EXISTING CONSTRUCTION TO REMAIN
- NEW PARTITION
- EXISTING DOOR AND FRAME TO REMAIN
- NEW DOOR AND FRAME

ABBREVIATIONS & ACCESSORIES:

ADO	AUTOMATIC DOOR OPERATOR	NIC	NOT IN CONTRACT
CA	CARD ACCESS	DFP-A	DIVISION FURNISHED PRODUCT (CONTRACTOR INSTALLED)
CG	CORNER GUARD	DFP-B	DIVISION FURNISHED PRODUCT (VENDOR INSTALLED)
ELP	ELECTRICAL PANEL	SIM.	SIMILAR
FB	ELECTRICAL FLOOR BOX	SL.	SLOPE
F.D.	FLOOR DRAIN		
F.F.D.	FUNNEL FLOOR DRAIN		
FE	FIRE EXTINGUISHER (SURFACE MOUNTED)	W:CH	CHEMICAL DISPENSER (NIC)
FEC-A	FIRE EXTINGUISHER CABINET (SEMI-RECESSED)	W:FM1	FRAMED MIRROR (610 x 915 mm)
FF	FORCE FLOW UNIT	W:HSD	HAND SANITIZER DISPENSER (DFP-A)
H.B.	HOSE BIB	W:KSD	KITCHEN SANITATION DISPENSER (NIC)
ID	INTERACTIVE DISPLAY (NIC)	W:LSD	LIQUID SOAP DISPENSER (DFP-A)
		W:MBR	MOP/BROOM RACK
		W:NTW	NAPKIN/TAMPON WASTE (DFP-A)
		W:SCH	SAFETY COAT HOOK
MB1	MARKERBOARD (2440 x 1220 mm)	W:TD	PAPER TOWEL DISPENSER (DFP-A)
MB2	MARKERBOARD (1220 x 1220 mm)	W:TPD	TOILET PAPER DISPENSER (DFP-A)
M.O.	MASONRY OPENING	W:WR	WASTE RECEPTACLE (NIC)

FIRE SEPARATION LEGEND:

FOR DRAWING CLARITY FIRE SEPARATION LINETYPES ARE NOT INDICATED THROUGH DOOR AND WINDOW OPENINGS, HOWEVER ALL WALLS ABOVE AND BELOW DOORS AND WINDOWS SHALL BE CONSTRUCTED TO MATCH ADJACENT REQUIRED FIRE SEPARATIONS INDICATED.

- NFS — NON RATED FIRE SEPARATION
- 1H — 1 HOUR FIRE SEPARATION
- XNFS — EXISTING NON RATED FIRE SEPARATION
- X1H — EXISTING 1 HOUR FIRE SEPARATION

INTERIOR PARTITION TYPES:

ALL INTERIOR PARTITIONS TO EXTEND TO THE UNDERSIDE OF THE FLOOR OR ROOF ABOVE UNLESS OTHERWISE NOTED.

- ___ mm — INTERIOR PARTITION TO TERMINATE | MASONRY WALL TO TRANSITION AT INDICATED HEIGHT ABOVE FINISHED FLOOR
- DESCRIBE EXTRA COMPONENTS

1M	90 mm CONCRETE MASONRY UNITS - REFER TO STRUCTURAL
3M	190 mm CONCRETE MASONRY UNITS NBCC B1b - 1.5 HOUR (STC 50)
1H1	64 mm SHAFTLINER STEEL STUDS @ 400 mm O.C. 16 mm FIRE-RATED GYPSUM BOARD ONE SIDE 25 mm FIRE-RATED GYPSUM BOARD SHAFTLINER PANEL OTHER SIDE WITH ACOUSTIC INSULATION cUL V473 - 1 HOUR (STC 43)

INTERIOR PARTITION TYPES:

1S5	41 mm STEEL STUDS @ 400 mm O.C. 16 mm GYPSUM BOARD ONE SIDE
1S6	41 mm STEEL STUDS @ 400 mm O.C. 16 mm GYPSUM BOARD ONE SIDE WITH 64 mm ACOUSTIC INSULATION
2S5	64 mm STEEL STUDS @ 400 mm O.C. 16 mm GYPSUM BOARD ONE SIDE
3S1	92 mm STEEL STUDS @ 400 mm O.C. 16 mm GYPSUM BOARD BOTH SIDES (STC 38)
3S2	92 mm STEEL STUDS @ 400 mm O.C. 16 mm GYPSUM BOARD BOTH SIDES WITH 92 mm ACOUSTIC INSULATION (STC 47)
3S5	92 mm STEEL STUDS @ 400 mm O.C. 16 mm GYPSUM BOARD ONE SIDE
4S0	152 mm STEEL STUDS @ 400 mm O.C. 2 LAYERS 16 mm FIRE-RATED GYPSUM BOARD BOTH SIDES WITH 152 mm ACOUSTIC INSULATION ULC W404 - 2 HOURS (STC 59)
4S1	152 mm STEEL STUDS @ 400 mm O.C. 16 mm GYPSUM BOARD BOTH SIDES (STC 41)
4S2	152 mm STEEL STUDS @ 400 mm O.C. 16 mm GYPSUM BOARD BOTH SIDES WITH 152 mm ACOUSTIC INSULATION (STC 51)
4S4	152 mm STEEL STUDS @ 400 mm O.C. 16 mm FIRE-RATED GYPSUM BOARD BOTH SIDES WITH 152 mm ACOUSTIC INSULATION ULC W407 - 1 HOUR (STC 51)
4S6	152 mm STEEL STUDS @ 400 mm O.C. 16 mm GYPSUM BOARD ONE SIDE WITH 152 mm ACOUSTIC INSULATION
5S2	203 mm STEEL STUDS @ 400 mm O.C. 16 mm GYPSUM BOARD BOTH SIDES WITH 203 mm ACOUSTIC INSULATION

DRAWING REFERENCE NOTES:

2.20	ACOUSTIC PANEL ENCLOSURE SYSTEM C/W STRUCTURAL SUPPORT FRAMING BY PANEL SUPPLIER, REFER TO STRCTRUCTAL AND PROJECT MANUAL DETAIL SHEET AP2.20.
2.21	EXTERIOR WALL OPENING/LOUVRES - COORDINATE EXACT SIZE AND LOCATION OF OPENINGS WITH EQUIPMENT SUPPLIER - PROVIDE LINTEL(S), REFER TO STRUCTURAL.
2.22	GALVANIZED STEEL BOLLARDS C/W CONCRETE FOUNDATION & FILL - INCLUDE COVER AS SPECIFIED, REFER TO LANDSCAPE.
2.23	C.I.P. CONCRETE ENTRANCE SLAB, REFER TO STRUCTURAL.
2.24	BUILDING TANK STORAGE SHED, REFER TO PROJECT MANUAL DRAWING SHEETS AP2.21 THROUGH AP2.23 FOR ENLARGED PLAN AND CONSTRUCTION DETAILS.
2.25	WELDING FUME EXTRACTION EQUIPMENT (CFP-B) ON CONCRETE SLAB BELOW, REFER TO MECHANICAL AND STRUCTURAL.
2.26	SUMP PIT DISCHARGE LOCATION, REFEER TO MECHANICAL AND LANDSCAPE.
2.27	FLOOR ACCESS DOOR (INSTALLED FLUSH WITH FINISHED FLOOR) C/W REMOVABLE ACCESS LADDER, REFER TO PROJECT MANUAL DETAIL SHEETS AP2.05 AND AP2.06.
2.28	INSTALL 19 mm PLYWOOD SUBSTRATE (UNFINISHED) IN LIUE OF GYPSUM BOARD (ALL SIDES) AND LOW WALL SUPPORT FRAMING, REFER TO PROJECT MAUNAL DETAIL AP8.17.
2.29	VERTICAL SHEET RACK AS SPECIFIED, REFER TO PROJECT MANUAL SECTION 10 56 29 - STORAGE RACKS.
2.30	CANTILEVER RACK - SIGNLE SIDED AS SPECIFIED, REFER TO PROJECT MANUAL SECTION 10 56 29 - STORAGE RACKS.
2.31	VERTICAL BAR RACK AS SPECIFIED, REFER TO PROJECT MANUAL SECTION 10 56 29 - STORAGE RACKS.