



KEY PLAN			
NTS			
The General Contractor shall check & verify all dimensions and report any errors or omissions to the designers.			
0	2020-10-30	ISSUED FOR CONSTRUCTION	ALL
No.	Date	Issue/Revision	By



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Project
ST. JAMES CIVIC CENTRE
ARENA CRAWLSPACE
RESTORATION
2055 NESS AVENUE
WINNIPEG, MANITOBA

Sheet Title CRAWLSPACE PLAN	
File 591-2020	Date 2020-10-14
Design PS	Drawn AL
Revision 0	Sheet No. A-1

GENERAL NOTES:

- All abandoned openings and penetrations in rated and non-rated fire separations / walls remaining from demolition of services and piping are to be firestopped with a "FT" firestop rated systems to meet intended ratings shown on drawings, typical.
- Patch and make good all surfaces affected by demolition and any surfaces, equipment, components, and elements damaged throughout the course of construction.
- Coordinate penetrations through existing walls, floors and roof with Structural, Mechanical and Electrical.

CRAWLSPACE RENOVATION KEYNOTES:

- Dashed line of existing crawlspace walls to be considered as non-rated fire separations. All new and existing service penetrations (piping, ductwork, conduit, etc.), as well as abandoned openings from demolition of building services shall be sealed with ULC listed smokeless systems. Exact quantities and penetration types shall be site confirmed by the Contractor, typical.
- Infill existing mechanical opening with new wall construction - confirm exact size on site, typ. Paint new construction to match adjacent finishes where located within finished rooms, typ.
- Existing arena crawlspace access door to be replaced with new 45 min. rated HM door and frame. Site confirm exact opening size.
- New 45 min. rated hollow metal crawlspace access door and frame within existing temporary opening - site confirm R.O. size on site. Provide 8" CMU infill around and adjacent to door, tooled into existing CMU where temporary opening was created.
- Demolish opening in exist. CMU wall from T/O concrete curb to U/S concrete bleachers to accommodate new 45 min. rated hollow metal crawlspace access door and frame. Site confirm R.O.
- New crawlspace infill wall between existing concrete columns / piers to create area separation between existing arena crawlspace and existing adjacent crawlspace. Refer to detail 4/A-1.
- Dashed line of 1 hr. rated fire separation at existing concrete wall between existing basement and arena crawlspace. All new and existing service penetrations (piping, ductwork, conduit, etc.), as well as abandoned openings to remain shall be provided with ULC listed firestop systems with equivalent "FT" rating. Exact quantities and penetration types shall be site confirmed by the Contractor, typical.
- Backfill this area against new infill wall to ensure area separation between arena and adjacent crawlspace
- Existing main electrical service feeders that are suspended from the existing concrete slab are to remain and shall be carefully protected during construction. Coordinate w/ Electrical.
- Remove and reinstall existing millwork as required to accommodate new HVAC ductwork. Coordinate w/ Mechanical.

DOORS									FRAMES			
N°	NOMINAL SIZE (WxH)	FIRE RATING	TYPE	MATERIAL	CORE	FINISH	GLASS	HARDWARE	TYPE	MATERIAL	FINISH	FIRE RATING
CS-01	±3'-8" x ±3'-8"	45min	A	HM	HC	PT	-	01	A	HM	PT	45 min.
CS-02	±3'-0" x ±2'-8"	45min	A	HM	HC	PT	-	01	A	HM	PT	45 min.
CS-03	±3'-0" x ±2'-8"	45min	A	HM	HC	PT	-	01	A	HM	PT	45 min.

DOOR HARDWARE
Group 01
2 Hinges
1 Lockset
1 Cylinder
1 Surface Closer
1 Weatherstrip
1 Weatherstrip

TA2714 - 4 1/2" x 4"
ND60TD-RHO "Storeroom"
23-030 (confirm keyway)
DA 1431 O
W 20N (Top & Bottom)
W 50S (Sides)

C26D
626 Schlage
626 Schlage
EN SA
CA KNC Crowder
CA KNC Crowder

TAG	FIRE	STC	THERMAL	DESCRIPTION
PARTITION ASSEMBLIES				
W1	1 hr	-	-	CMU Infill Wall - 1 HR Rated 8" (190mm) concrete masonry unit (Type H/15/A/M - grey c/w Type S mortar)
W2	15 min.	-	-	Crawlspace Fire-Blocking Infill Wall 3/4" (19mm) pressure-treated plywood 2x6 (38x140mm) pressure treated wood studs @ 16" O.C. 3/4" (19mm) pressure-treated plywood

2 Door Schedule & Door Types
A-1 NTS

3 Construction Assemblies
A-1 NTS

SYMBOL LEGEND

- | | |
|--------------------------------|-----------------------------|
| Room Name
Room Number | Room Marker |
| Grid | Grid Line and Bubble |
| WX | Assembly Tag |
| X
A-XX | Detail Marker |
| New Door | Exist. Door |
| Fire Separation - 1 hr. Rating | Fire Separation - Non-Rated |