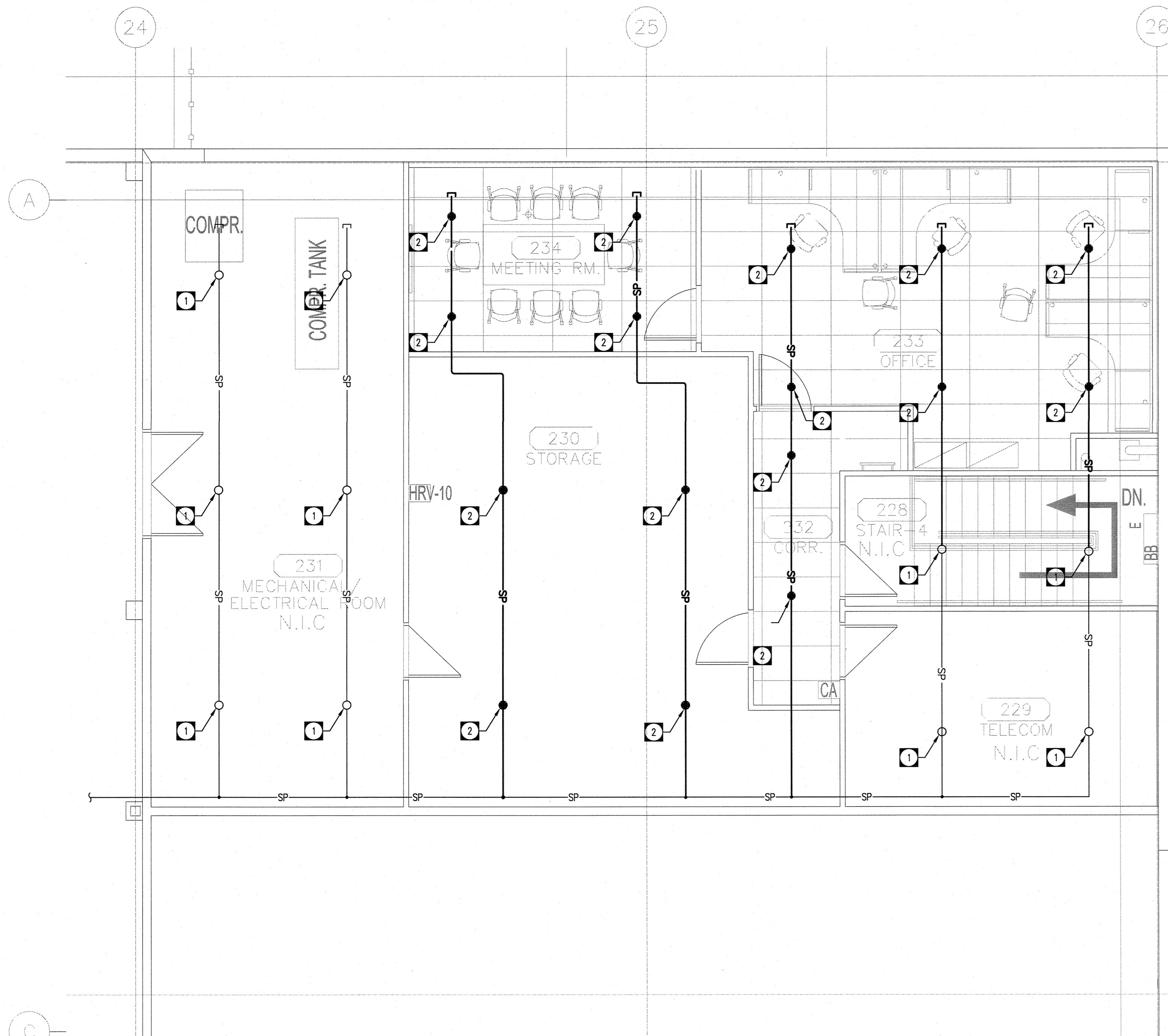


2 SECOND FLOOR SPACE - SPRINKLER DEMOLITION PLAN  
SCALE: 1/2" = 1'-0"

**DRAWING NOTES - DEMOLITION**

- 1 EXISTING SPRINKLER HEAD TO REMAIN.
- 2 REMOVE EXISTING SPRINKLER HEAD CAP OR EXTEND PIPING AS REQUIRED TO SUIT RENOVATION PLAN 3-M2.0.



3 SECOND FLOOR SPACE - H.V.A.C. RENOVATION  
SCALE: 1/2" = 1'-0"

**DRAWING NOTES - RENOVATION**

- 1 EXISTING SPRINKLER HEAD TO REMAIN.
- 2 MODIFY/EXTEND PIPING TO INSTALL NEW RECESSED PENDANT HEADS IN APPROPRIATE LOCATION SHOWING COORDINATE WITH ARCHITECTURAL AND LIGHTING SYSTEMS ON SITE. CENTER HEAD WITHIN CEILING TILE WHERE POSSIBLE. OBTAIN RECORD SPRINKLER DRAWINGS FROM CITY. PROVIDE SHOP DRAWINGS STAMPED BY RESPONSIBLE SPRINKLER ENGINEER.

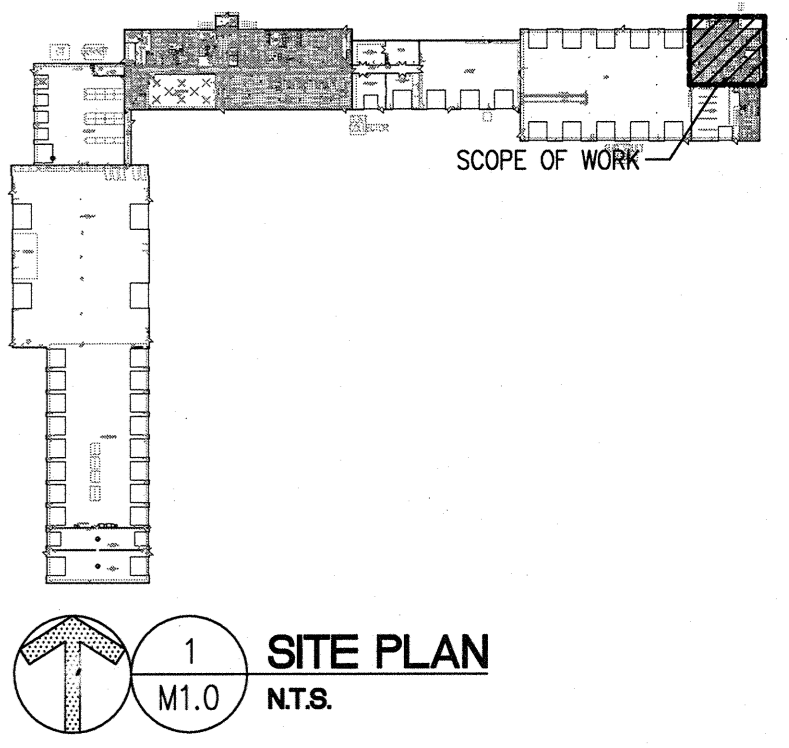
| LEGEND-FIRE SUPPRESSION |                                   |
|-------------------------|-----------------------------------|
| SP                      | NEW SPRINKLER LINE                |
| SP                      | EXISTING SPRINKLER LINE TO REMAIN |
| ●                       | NEW PENDANT HEAD                  |
| ⊕                       | NEW RECESSED PENDANT HEAD         |
| ● D                     | DRY PENDANT HEAD                  |
| ○                       | SPRINKLER HEAD TO BE REMOVED      |
| ○                       | EXISTING SPRINKLER HEAD           |
| ○                       | NEW UPRIGHT SPRINKLER HEAD        |
| □ F.E.C.                | FIRE EXTINGUISHER CABINET         |
| □ F.H.C.                | FIRE HOSE CABINET                 |

**GENERAL NOTES- SPRINKLER**

1. SPRINKLER SUBCONTRACTOR SHALL DELETE OR ADD SPRINKLER HEADS AS REQUIRED BY N.F.P.A. 13, AND APPLICABLE STANDARDS.
2. LAYOUT OF HEADS SHALL NOT CONFLICT WITH LIGHTING, DIFFUSERS/GRILLES/REGISTERS & DUCTWORK, INCLUDING RIDGES & VALLEYS.
3. SPRINKLER SUBCONTRACTOR SHALL OBTAIN ARCHITECTURAL AND STRUCTURAL PLANS TO DETERMINE AND SHALL DETERMINE ANY ADDITIONAL OR CONCEALED AREAS THAT REQUIRE SPRINKLER COVERAGE. SUPPLY AND INSTALL ALL ADDITIONAL HEADS AS REQUIRED.
4. SPRINKLER SUBCONTRACTOR SHALL OBTAIN ELECTRICAL PLANS AND SHALL SUPPLY AND INSTALL ALL VALVES FLOW SWITCHES ETC. TO MATCH FIRE ALARM ZONING.
5. HEAD LOCATIONS ARE SHOWN FOR "GENERAL GUIDANCE ONLY." FINAL HEAD LOCATIONS AND QUANTITIES ARE TO BE DETERMINED BY SPRINKLER/FIRE PROTECTION ENGINEER.
6. LAYOUT SHALL BE UNIFORM, SYMMETRICAL, ETC.
7. SPRINKLER SUBCONTRACTOR SHALL DE-MOUNT AND RE-MOUNT ANY MECHANICAL ITEMS AS REQUIRED IN ORDER TO COMPLETE RENOVATION WORK.
8. SPRINKLER SUBCONTRACTOR SHALL COORDINATE WITH MECHANICAL, ELECTRICAL, STRUCTURAL, AND ARCHITECTURAL DRAWINGS FOR COORDINATION OF COMPONENTS WITHIN CEILING SPACE, OR EXISTING BUILDING FIRE PROTECTION SHALL BE ROUTED AS TO AVOID CONFLICTS WITH OTHER BUILDING SYSTEMS AND COMPONENTS WITHIN CEILING SYSTEM.
9. SPRINKLER SUBCONTRACTOR SHALL ENSURE THAT ALL SPRINKLER PIPING BE LOCATED A MINIMUM OF 6" (150 MM) FROM ANY DUCTWORK THAT MAY CONVEY OUTSIDE AIR. DUCTWORK IN SUCH LOCATIONS SHALL BE PROTECTED WITH A MINIMUM OF 2" (50 MM) ROOF DUCT INSULATION C/W VAPOUR RETARDING FOIL FINISH. COORDINATE THE LOCATION OF SYSTEM COMPONENTS TO SUIT.
10. ALL SPRINKLER PIPING LOCATED IN AREAS SUBJECT TO FREEZING CONDITIONS (INCLUDING VESTIBULES, EXIT/EGRESS CORRIDORS, LOADING AREAS, CARGAGE ROOMS, ETC.) SHALL BE APPROPRIATELY DESIGNED TO PREVENT ACCIDENTAL DISCHARGE TO FREEZING. DRY-TYPE HEADS OR GLYCOL SYSTEMS MAY BE USED AS APPROPRIATE.
11. ALL SPRINKLER PIPING RUN WITHIN CONCEALED AND/OR COLD SPACES, AND ANY OTHER AREAS SUBJECT TO FREEZING, SHALL BE DESIGNED WITH APPROPRIATE GLYCOL PROTECTION.
12. FIREWATCH IS REQUIRED FOR FAS SHUTDOWN.

**NOTES**

THESE DRAWINGS SHALL NOT BE SCALED.  
THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY HIMSELF ALL DIMENSIONS, DATA AND DETAILS INFORMATION SHOWN ARE CORRECT.  
THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.  
ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH UL-APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.  
ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.  
THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.  
WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS REFER TO FLOOR PLAN AND ROOM SCHEDULE. THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.  
WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

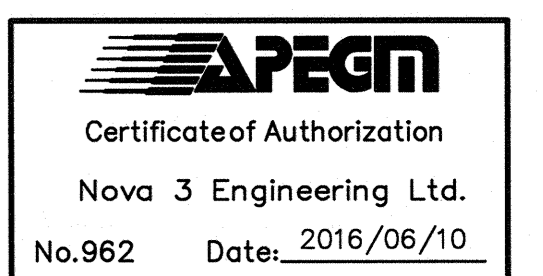


1 SITE PLAN  
SCALE: 1/8" = 1'-0"

**NOVA 3 ENGINEERING LTD.**  
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WINNIPEG, MANITOBA R3C 1C7 FAX: (204) 942-1276  
WWW.NOVA3.CA JN: 36-055

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**ISSUED FOR CONSTRUCTION**

| NO. | REVISION/DESCRIPTION    | BY  | DATE       |
|-----|-------------------------|-----|------------|
| 1   | ISSUED FOR CONSTRUCTION | JPG | 2016/08/10 |

| DATE       | DESIGNED | APPROVED |
|------------|----------|----------|
| 2016/08/10 | JPG      | JPG      |

THE CITY OF WINNIPEG  
PLANNING, PROPERTY AND  
DEVELOPMENT DEPARTMENT  
MUNICIPAL ACCOMMODATIONS DIVISION  
3-65 GARRY STREET, R3C 4K4

PROJECT  
PUBLIC WORKS DEPARTMENT  
EAST YARDS COMPLEX  
FLEET MANAGEMENT  
800 THOMAS AVENUE

SHEET  
TITLE  
SECOND FLOOR OFFICE ADDITION  
MECHANICAL SPRINKLER PLANS

SCALE  
AS SHOWN PROJECT 36055.DWG SHEET No: M2.0  
DRAWING SHEET SIZE: A0 (1189mm x 841mm) PLOT 1:1