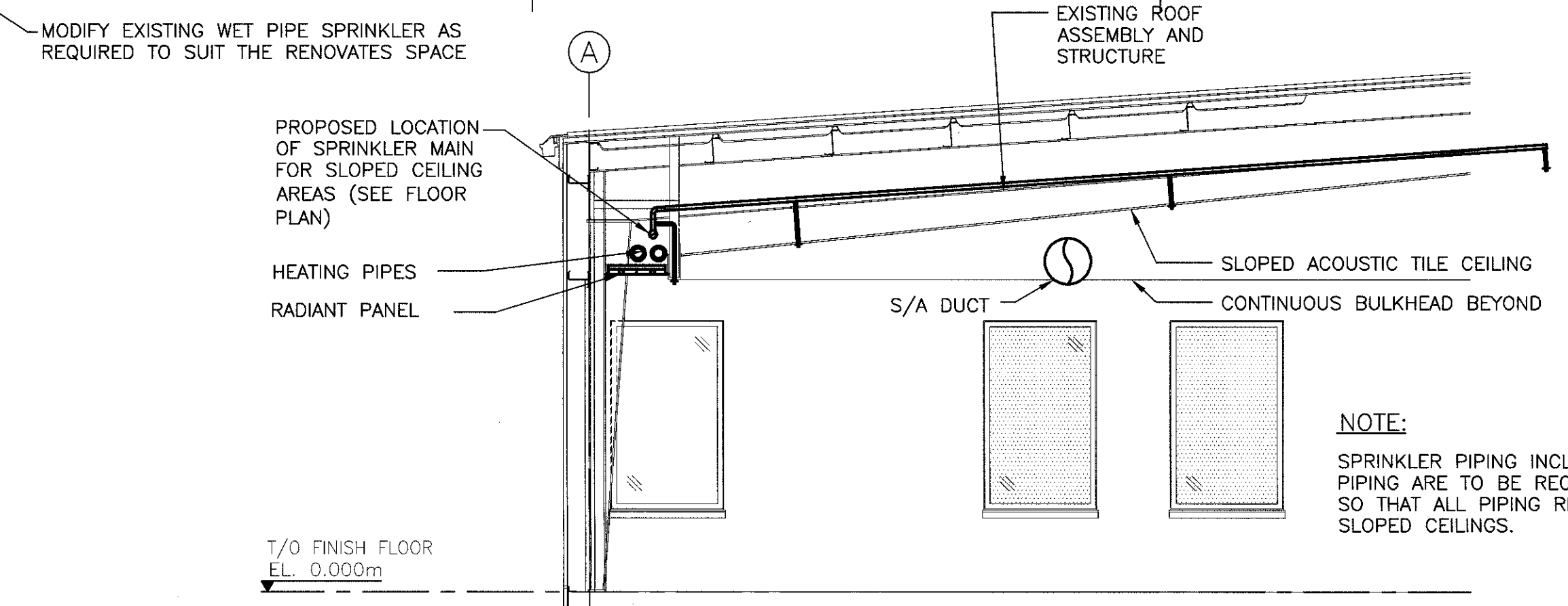


- NOTES:**
1. THE FIRE PROTECTION SYSTEM SHALL BE DESIGNED AND INSTALLED BY THE CONTRACTOR. THE FIRE SPRINKLER DRAWINGS INCLUDED IN THIS SET OF CONTRACT DOCUMENTS ARE TO ASSIST IN PRICING AND FOR INFORMATION ONLY. THE SPRINKLER CONTRACTOR SHALL PROVIDE A FULL SET OF LAYOUTS SHOWING ALL PIPE SIZES, CONTROL ZONES, SPRINKLER ZONES AND REQUIRED SPRINKLER HEADS, c/w HYDRAULIC CALCULATIONS AND STAMPED BY A PROFESSIONAL ENGINEER. REFER TO THE MECHANICAL AND ARCHITECTURAL PLANS FOR INFORMATION AFFECTING THE SPRINKLER SYSTEM AND SPRINKLER HEAD LAYOUT.
 2. THE SPRINKLER CONTRACTOR WILL BE RESPONSIBLE FOR ALL ASPECTS OF THE DESIGN, PROCUREMENT AND INSTALLATION OF THE SPRINKLER SYSTEM.
 3. SPRINKLER SYSTEM DESIGN AND INSTALLATION SHALL CONFORM TO THE VERSION OF NFPA 13 AS REFERENCED IN THE CURRENT PROVINCIAL RECOGNIZED EDITION OF THE NBC AND NFC.
 4. ALL SPRINKLER PIPES TO BE KEPT AS HIGH AS POSSIBLE AND COORDINATED WITH ALL OTHER TRADES. PROVIDE PIPE OFFSETS AS REQUIRED TO LOCATE SPRINKLER PIPING AND HEADS AS REQUIRED.
 5. ALL HEADS TO BE LOCATED IN CENTER OF CEILING TILES. COORDINATE HEAD LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
 6. CONTRACTOR TO ENSURE THAT THE PLACEMENT OF THE SPRINKLER HEADS MEET ALL CODE REQUIREMENTS, ARE COORDINATED WITH OTHER ITEMS AND THE ARCHITECTURAL DESIGN INTENT.
 7. USE SEMI RECESSED HEADS IN ALL AREAS WITH CEILINGS.

8. MAINS AND BRANCH LINES TO BREAK AROUND BEAMS.
9. ALL PIPE SHALL BE CONCEALED EXCEPT IN AREAS WITHOUT FINISHED CEILINGS. IN AREAS OF SLOPED CATHEDRAL CEILINGS, SPRINKLER PIPING IS TO BE CONCEALED ABOVE THE SLOPING CEILING.
10. TEMPERATURE RATING OF SPRINKLER HEADS IN MECHANICAL SPACES, ELECTRICAL ROOMS, ETC. TO BE 100° C.
11. ALL LOW POINT DRAINS AND ZONE VALVE DRAINS TO BE PIPED TO BUILDING DRAINS, 50mm MAIN DRAIN AND DRY PIPE INSPECTORS TEST TO BE PIPED TO OUTSIDE OF BUILDING. PIPING OF DRAINS SHALL BE THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR.
12. PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY NFPA 10.
13. ALL REQUIRED SWITCHES, MONITORED VALVES AND OTHER ANCILLARIES TO BE PROVIDED AND INSTALLED BY THIS CONTRACTOR. COORDINATE WITH THE FIRE ALARM CONTRACTOR.
14. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE PROVISION OF ALL NECESSARY WIRING.
15. PROVIDE PROTECTION CAGES ON ALL EXPOSED HEADS BELOW 3000mm AFF.
16. PROVIDE NEW HEADS THROUGHOUT BUILDING.
17. THE EXISTING PIPING LAYOUT SHOWN IS APPROXIMATE AND IS FOR INFORMATION ONLY. IT IS THE SCOPE OF THIS CONTRACTOR TO SITE VERIFY ACTUAL LAYOUT AND COORDINATE WITH OWNER FOR ACCESS TO SPRINKLER SYSTEM DESIGN DRAWINGS AND CALCULATIONS.

FLOOR PLAN - FIRE PROTECTION

SCALE: 1:50
0m 1m 2m 3m 4m 5m



SECTION - TYP. SPRINKLER ROUTING IN AREAS OF SLOPED CEILINGS
SCALE: 1:50
0m 1m 2m 3m 4m 5m

- LEGEND:**
- UP EXISTING UPRIGHT SPRINKLER HEAD
 - O EXISTING PENDANT SPRINKLER HEAD
 - EXISTING SPRINKLER PIPING
 - ABC FIRE EXTINGUISHER ABC TYPE
 - BC FIRE EXTINGUISHER BC TYPE

1	ISSUED FOR TENDER	JUN. 4 2015
revisions		date

project
**ARGO BUILDING
BEDFORD INSTITUTE
OF OCEANOGRAPHY**
DARTMOUTH, NS

drawing
FIRE PROTECTION
design

designed	CR	conçu
date	FEBRUARY 2015	
drawn	MEH	dessiné
date	FEBRUARY 2015	
approved		approuvé
date		
Tender	NS	Submission
PWSC Project Manager	Administrateur de projets TPSCG	
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