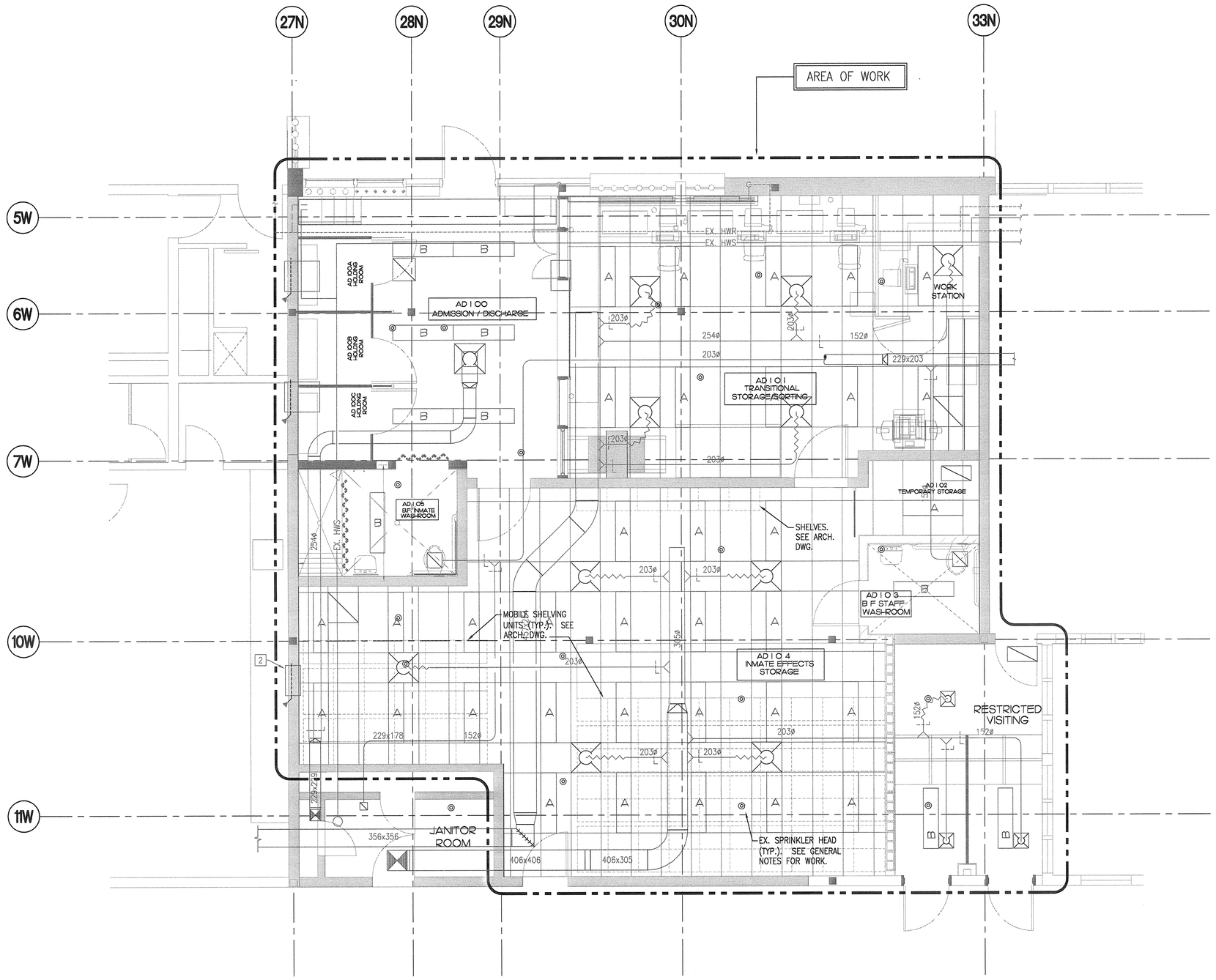

PARTIAL MAIN FLOOR PLAN - RENOVATION
1:50

GENERAL NOTES:

1. PROVIDE THE DESIGN AND INSTALLATION WET SPRINKLER SYSTEM FOR "AREA OF WORK" IN ACCORDANCE WITH NFPA 13-2013 AND LOCAL CODES. PROVIDE SPRINKLER ENGINEER SERVICE WITH LETTERS OF ASSURANCE. REFER TO SPECIFICATIONS.
2. EXISTING SPRINKLER HEADS ARE SHOWN ON DRAWING. UNLESS OTHERWISE NOTED, RELOCATE EXISTING HEADS AND ADD ADDITIONAL HEADS TO MATCH EXISTING AS REQUIRED.
3. MODIFY EXISTING PIPING LAYOUT AND RE-ROUTE EXISTING PIPING AS REQUIRED TO ACCOMMODATE INSTALLATIONS OF MECHANICAL/ELECTRICAL SERVICES AND EQUIPMENT. COORDINATE WITH OTHER TRADES.
4. PROVIDE NEW, CONCEALED SPRINKLER HEADS IN ROOM AD104 "INMATE EFFECT STORAGE". REVIEW ARCHITECTURAL DRAWINGS FOR LAYOUT OF SHELVES AND MOBILE SHELVING UNITS. TOP OF MOBILE SHELVING UNIT AT 2,350mm (92.5") AFF. PROVIDE ADEQUATE SPRINKLER COVERAGE AND INSTALL BAFFLES WHERE REQUIRED TO MAINTAIN 2,743mm (9'-0") CEILING HEIGHT. COORDINATE WITH GENERAL CONTRACTOR.
5. BUILDING OCCUPANCY IS LIGHT HAZARD EXCEPT AS NOTED BELOW:
   - MECHANICAL ROOMS: ORDINARY HAZARD GROUP_1.
   - STORAGE ROOMS: ORDINARY HAZARD GROUP 1.
5. INSTALL HANGERS AT 2,440 O.C. ON ALL PIPING 2,440 AFF OR LOWER.
6. ARCHITECTURAL REFLECTED CEILING PLAN, LIGHTING AND DUCTWORK LAYOUTS ARE SHOWN FOR REFERENCE ONLY. CONFIRM WITH DRAWINGS BY OTHERS.
7. ALLOW FOR CUTTING AND PATCHING.

FIRE PROTECTION LEGEND

- RECESSED, 15mm (1/2"), 'K' FACTOR 80.7(5.6), 74°C(165°F), CHROME w/CHROME PLATED ESCUTCHEON.
- UPRIGHT OR PENDENT, 15mm (1/2"), 'K' FACTOR 80.7(5.6), 100°C(212°F), BRASS
- PENDENT, 15mm (1/2"), 'K' FACTOR 80.7(5.6), 74°C(165°F), CHROME w/CHROME PLATED TWO-PIECE ESCUTCHEON.
- FLUSH, CONCEALED, 15mm (1/2"), 'K' FACTOR 80.7(5.6), 74°C(165°F), CHROME w/CHROME PLATED ESCUTCHEON.
- RECESSED, QUICK RESPONSE, 15mm (1/2"), 'K' FACTOR 80.7(5.6), 74°C(165°F), CHROME w/CHROME PLATED ESCUTCHEON.
- UPRIGHT, 15mm (1/2"), 'K' FACTOR 80.7(5.6), 100°C (212°F), BRASS, AND RECESSED, 15mm (1/2"), 'K' FACTOR 80.7(5.6), 74°C(165°F), CHROME w/CHROME PLATED ESCUTCHEON.
- DRY PENDENT, 15mm (1/2"), 'K' FACTOR 80.7(5.6), 100°C (212°F), CHROME w/CHROME PLATED ESCUTCHEON.
- SIDEWALL, 15mm (1/2"), 'K' FACTOR 80.7(5.6), 74°C (165°F), CHROME w/CHROME ESCUTCHEON.
- DRY SIDEWALL, 15mm (1/2"), 'K' FACTOR 80.7(5.6), 74°C (165°F), CHROME w/CHROME ESCUTCHEON.
- SIDEWALL, QUICK RESPONSE, 15mm (1/2"), 'K' FACTOR 80.7(5.6), 74°C(165°F), CHROME w/CHROME ESCUTCHEON.
- * INDICATES CHROME PLATED LISTED GUARD.
- EC RECESSED, 19.1mm (3/4"), 'K' FACTOR 163(11.4), 74°C(165°F), CHROME w/CHROME PLATED ESCUTCHEON.
- EC UPRIGHT OR PENDENT, 19.1mm (3/4"), 'K' FACTOR 163(11.4), 100°C(212°F), BRASS
- EC UPRIGHT OR PENDENT, 19.1mm (3/4"), 'K' FACTOR 163(11.4), 100°C(212°F), BRASS AND RECESSED, 19.1mm (3/4"), 'K' FACTOR 163(11.4), 74°C(165°F), CHROME w/CHROME PLATED ESCUTCHEON.
- WET ALARM VALVE
- DRY ALARM VALVE
- WF WATERFLOW SWITCH
- P WATER PRESSURE SWITCH
- S SUPERVISED SHUT-OFF VALVE
- NEW SPRINKLER PIPE
- EXISTING WET SPRINKLER PIPE
- NEW DRY SYSTEM PIPE
- EXISTING DRY SPRINKLER PIPE
- EXISTING BRASS UPRIGHT
- EXISTING PENDENT
- EXISTING UPRIGHT AND PENDENT
- EXISTING HEAD/PIPING TO BE REMOVED

NOTE: SPRINKLERS IN LIGHT HAZARD OCCUPANCIES SHALL BE OF THE QUICK RESPONSE TYPE AS PER NFPA 13, 2010.

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Pacific Region
SERVICES IMMOBILIERS
Région de Pacifique

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA M. N. C. NG # 30209 2014.04.25

Revision/ Revision	Description/Description	Date/Date
5		
4		
3		
2		
1		
0	ISSUED FOR TENDER	2014.04.25

Client/client
CORRECTIONAL SERVICE OF CANADA

Project title/Titre du projet
AGASSIZ, B.C.

KENT INSTITUTION A AND D REDEVELOPMENT

Consultant Signature Box Only

Designed by/Concept par
M. NG

Drawn by/Dessine par
M. NG / 2013.08.09

PWGSC Project Manager/Administrateur de Projets TPSGC
DARYL SINCLAIR

PWGSC, Regional Manager, Architectural and Engineering Services/ Gestionnaire régionale, Services d'architecture et de génie, TPSGC
OREST KLUFAS

Drawing title/Titre du dessin
PARTIAL MAIN FLOOR PLAN RENOVATION - FIRE PROTECTION

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
R.018361.001	F-1 OF 1	0

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