



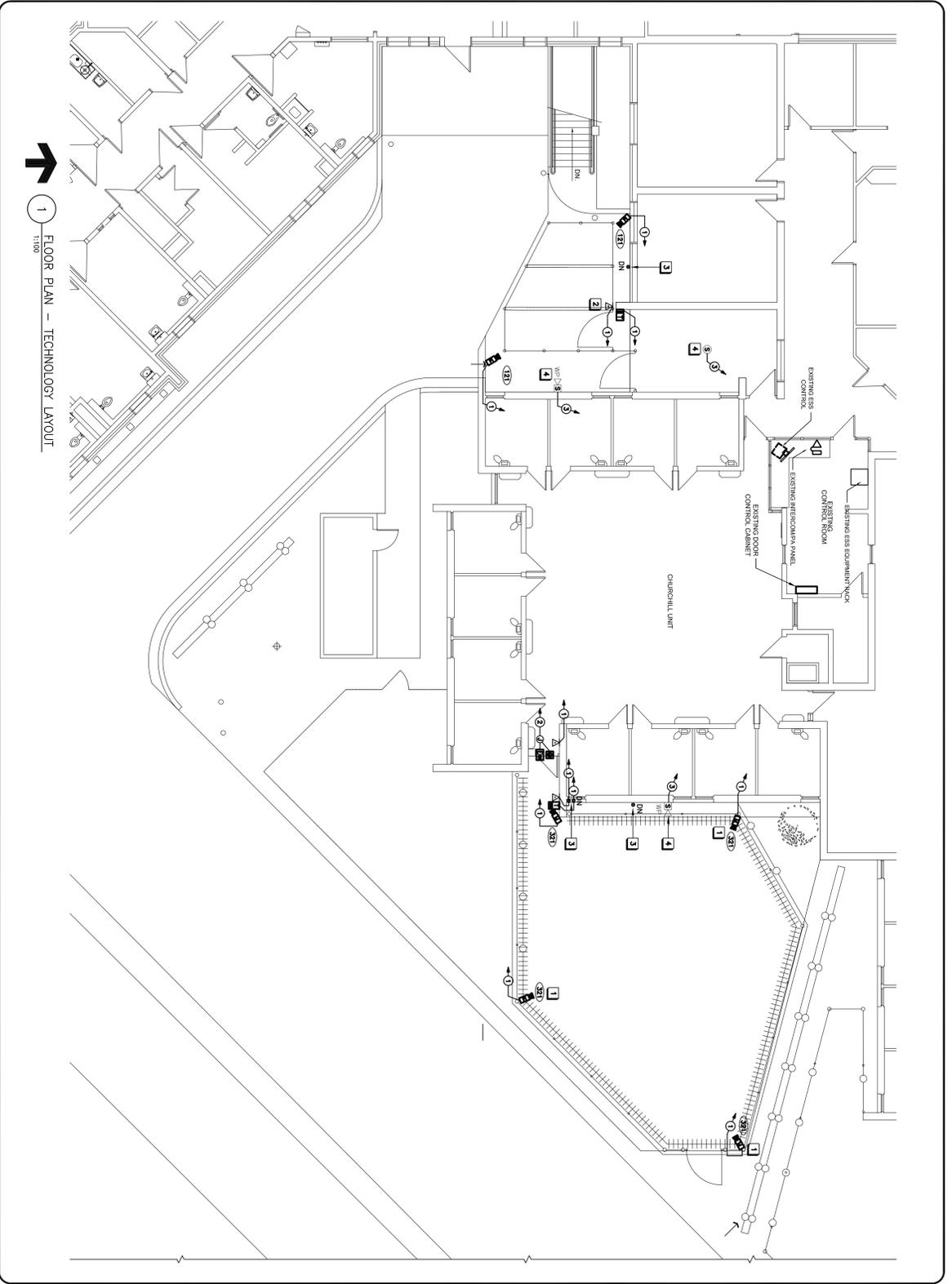
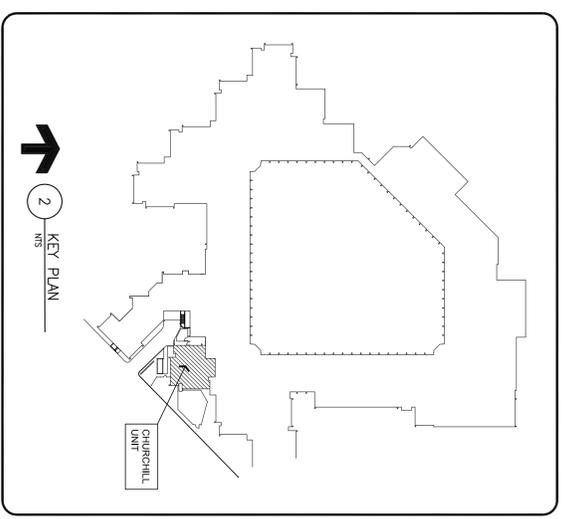
Association of Professional Engineers & Geoscientists
of Saskatchewan
CERTIFICATE OF AUTHORIZATION
WSP CANADA INC.
Number CO868
Permission to Control Issued by
Eliette Sabet
2018/09/10

Designed by	Drawn by	Approved by	Checked by
Project Manager	Project Manager	Project Manager	Project Manager
Project	Project	Project	Project
2520 CENTRAL AVENUE NORTH SASKATOON, SASKATCHEWAN			
Revision	Description	Date	Scale
0	ISSUED FOR CONSTRUCTION	2018/09/10	

PWGSC WESTERN REGION

Project: **CSC-RHQ REGIONAL PSYCHIATRIC CENTRE**
2520 CENTRAL AVENUE NORTH
SASKATOON, SASKATCHEWAN
Project: **CHURCHILL UNIT REDEVELOPMENT**

Project no./No. du projet: **R.07945.001**
Drawing no./No. du dessin: **T-1**
Revision no.: **0**
Project: **FIRST FLOOR TECHNOLOGY LAYOUT**



TECHNOLOGY SYMBOL LEGEND

SYMBOL	DESCRIPTION
	SECURITY
	PROXIMITY CARD READER
	CARD READER - GUARD TOUR
	CARD READER - CALL CANCELLATION
	DOOR POSITION SWITCH
	ELECTRIC LOCK
	CAMERA - FIXED WITH VARIOFOCUS
	CAMERA - MEGAPIXEL
	CAMERA TYPE IDENTIFIER
COMMUNICATION	
	DATA OUTLET
	ANALOG TELEPHONE OUTLET
	INTERCOM
	INTERCOM CALL MONITORING DEVICE
	LOUDSPEAKER - WALL MOUNTED
	SECURITY, INTERCOM & COMMUNICATION MONITORING DEVICE
CONDUIT AND JUNCTION BOXES	
	JUNCTION BOX
	ALTERNATE JUNCTION BOX
	JUNCTION BOX - WALL
	CONDUIT
	DRAWING KEYNOTE
	WEATHER PROOF DEVICE MOUNTED ABOVE COUNTER OR MILLWORK

TYPE:	2MP INDOOR FIXED (1920x1080P) CAMERA W/ VARIOFOCUS
SYMBOL:	
DESCRIPTION:	COLOR DAY/NIGHT IP (P23) CAMERA (2MP) W/ REMOTE AUTO FOCUS/ZOOM LENS. VARIOFOCUS LENS (2.8mm to 12mm) W/ HORIZONTAL FIELD OF VIEW 11.3 TO 33.6 DEGREES. 1/3" CMOS SENSOR. 2MP (1920x1080) RESOLUTION. HIGH IMPACT VANDAL RESISTANT ALUMINUM HOUSING W/ POLYCARBONATE DOME. IP66 RATED. POWER IEEE 802.3AF.
LOCATIONS:	INTERIOR CLIENT UNITS COMMON AREAS & CORRIDORS
MOUNTING:	SURFACE: CEILING OR WALL (MAXIMUM HEIGHTS)
CABLING:	1x CAT6 (IP VIDEO & CAMERA POWER)
ELECTRICAL:	POWER OVER ETHERNET (12000) 9W



TYPE:	2MP EXTERIOR (1080P) VARIOFOCUS CAMERA
SYMBOL:	
DESCRIPTION:	COLOR DAY/NIGHT IP (P23) CAMERA (2MP) W/ REMOTE AUTO FOCUS/ZOOM LENS. VARIOFOCUS LENS (2.8mm to 12mm) W/ HORIZONTAL FIELD OF VIEW 11.3 TO 33.6 DEGREES. 1/3" CMOS SENSOR. 2MP (1920x1080) RESOLUTION. HIGH IMPACT VANDAL RESISTANT ALUMINUM HOUSING W/ POLYCARBONATE DOME. IP66 RATED. POWER IEEE 802.3AF.
LOCATIONS:	BUILDING EXTERIOR (600mm BELOW ROOF), COURTYARD FENCE (ABOVE RAZOR WIRE COIL)
MOUNTING:	ARM, WALL OR POLE. ADD EXTENSION TO ABOVE RAZOR WIRE
CABLING:	1x CAT6 (IP VIDEO & CAMERA POWER)
ELECTRICAL:	(24VAC) 17W



- KEY NOTES:**
1. MOUNT CAMERA ON POLE OUTSIDE OF FENCE WITH EXTENSIONS TO ABOVE RAZOR WIRE COIL.
 2. MOUNT INTERCOM ON OUTSIDE OF FENCE WITH CALL BUTTON ACCESSIBLE FROM INSIDE.
 3. APPROXIMATE LOCATION OF CONDUIT ROUTING TO CSMAL SPACE.
 4. ADD PA ZONE TO EXISTING SYSTEM.

- HOME RUN SCHEDULE**
- 1-1 → 27mmC & 1 CAT 6 TO ESS EQUIPMENT RACK IN EXISTING CONTROL ROOM
 - 2-2 → 27mmC & 2-PR222 SHIELDED & 2#14 TO DOOR CONTROL CABINET
 - 3-3 → 27mmC & 1-PR240 SHIELDED TO INTERCOM/PA PANEL

- SECURITY GENERAL NOTES:**
1. POWER SUPPLY SYSTEMS ARE EXISTING TO REMAIN. DEVICES SHOWN BOLD ARE NEW, UNLESS NOTED OTHERWISE.
 2. CONDUIT RUNS ARE TO BE CONFIRMED ON SITE BY CONTRACTOR. RE-USE EXISTING SECURITY CONDUIT WHERE AVAILABLE.
 3. SUPPLY AND INSTALLATION OF DOORS, FRAME AND HARDWARE BY DIVISION 8.
 4. SUPPLY AND INSTALLATION OF ALL CONDUIT, BOXES, AND RACKS BY DIVISION 26.
 5. SUPPLY AND INSTALLATION OF WIRING FROM DOOR HARDWARE TO INTERCOM, AT DOOR HARDWARE AND DOOR HARDWARE SIDE OF DOOR TERMINATION CABINET BY DIVISION 8. DOOR HARDWARE EQUIPMENT LOCATIONS BY DIVISION 8.
 6. SUPPLY AND INSTALLATION OF FIRE ALARM INTERFACE AND TERMINATION CABINET BY DIVISION 26.
 7. SUPPLY AND INSTALLATION OF WIRING FROM DOOR HARDWARE TO INTERCOM, AT DOOR HARDWARE AND DOOR HARDWARE SIDE OF DOOR TERMINATION CABINET BY DIVISION 8. DOOR HARDWARE EQUIPMENT LOCATIONS BY DIVISION 8.
 8. SUPPLY AND INSTALLATION OF WIRING FROM DOOR HARDWARE TO INTERCOM, AT DOOR HARDWARE AND DOOR HARDWARE SIDE OF DOOR TERMINATION CABINET BY DIVISION 8. DOOR HARDWARE EQUIPMENT LOCATIONS BY DIVISION 8.
 9. SUPPLY AND INSTALLATION OF WIRING FROM DOOR HARDWARE TO INTERCOM, AT DOOR HARDWARE AND DOOR HARDWARE SIDE OF DOOR TERMINATION CABINET BY DIVISION 8. DOOR HARDWARE EQUIPMENT LOCATIONS BY DIVISION 8.
 10. WIRING TERMINATION ON SECURITY SIDE OF DOOR TERMINATION CABINET AND INSTALLATION OF CONDUIT & WIRING FROM EQUIPMENT ROOM BY SECURITY CONTRACTOR.
 11. SUPPLY AND INSTALLATION OF CONDUIT & WIRING FROM EQUIPMENT ROOM TO SECURITY ROOM DIVISION 26.
 12. SUPPLY AND INSTALLATION OF CONDUIT & WIRING FROM INTERCOMS TO SECURITY ROOM BY DIVISION 26.
 13. ALL HORIZONTAL CONDUIT TO BE RUN IN CSMAL SPACE WHERE POSSIBLE.
 14. SURFACE CONDUIT ON EXISTING CONCRETE OR BLOCK WALLS TO MOUNTED WITH "TUBEPROOF" SYSTEMS.