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**Association of Professional Engineers & Geoscientists  
of Saskatchewan  
CERTIFICATE OF AUTHORIZATION  
WSP CANADA INC.**

INMINDER CUCOO  
 Permission to Cornell held by:  
 Discipline: \_\_\_\_\_  
 St. Reg. No. \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 ELET. 5369 *per 4/05*  
 \_\_\_\_\_  
 \_\_\_\_\_

| Client | Revision | Description             | Date       | Client |
|--------|----------|-------------------------|------------|--------|
|        | 0        | ISSUED FOR CONSTRUCTION | 2018/08/01 |        |
|        |          |                         |            |        |
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|        |          |                         |            |        |
|        |          |                         |            |        |

## PWGSC WESTERN REGION

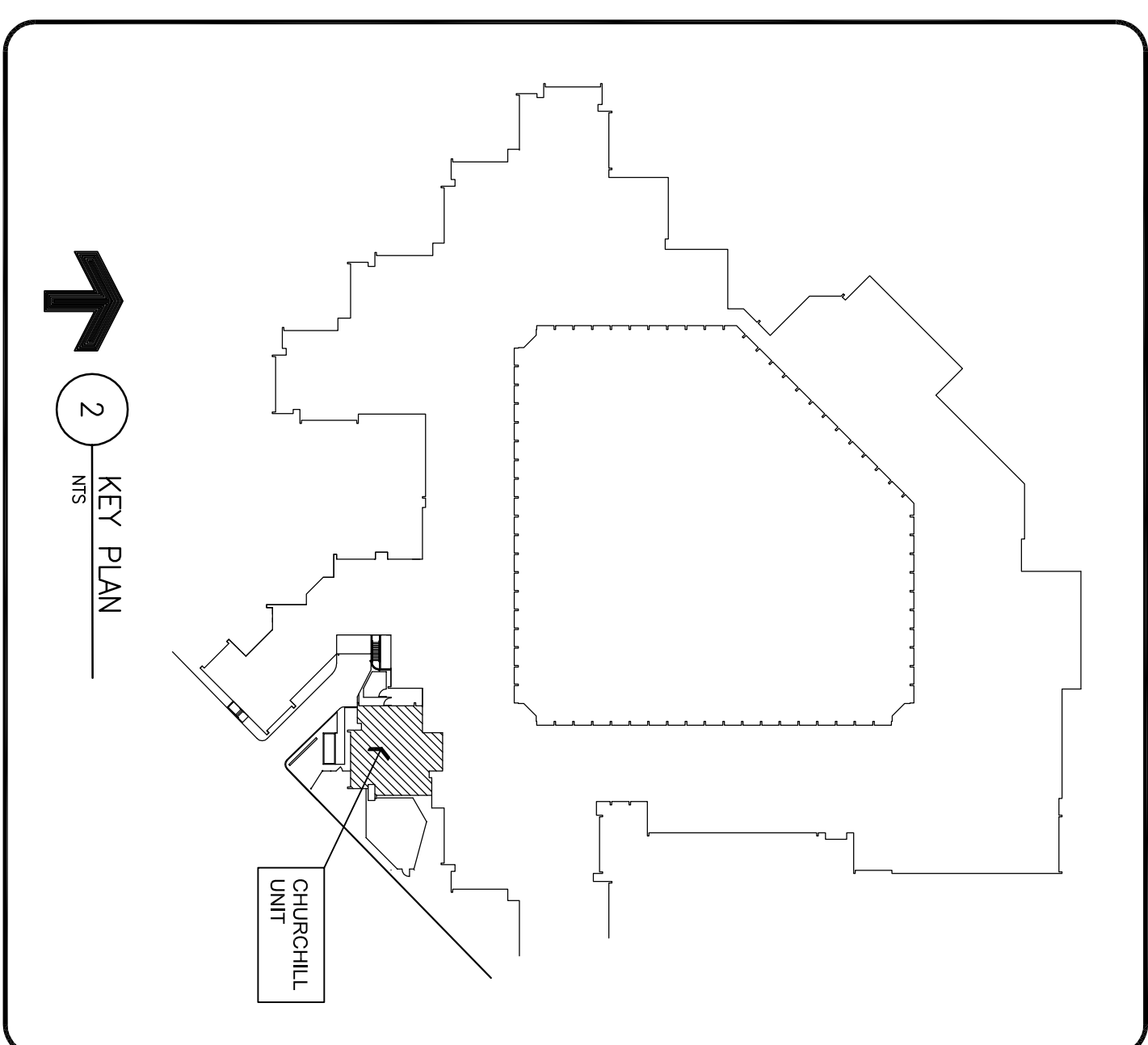
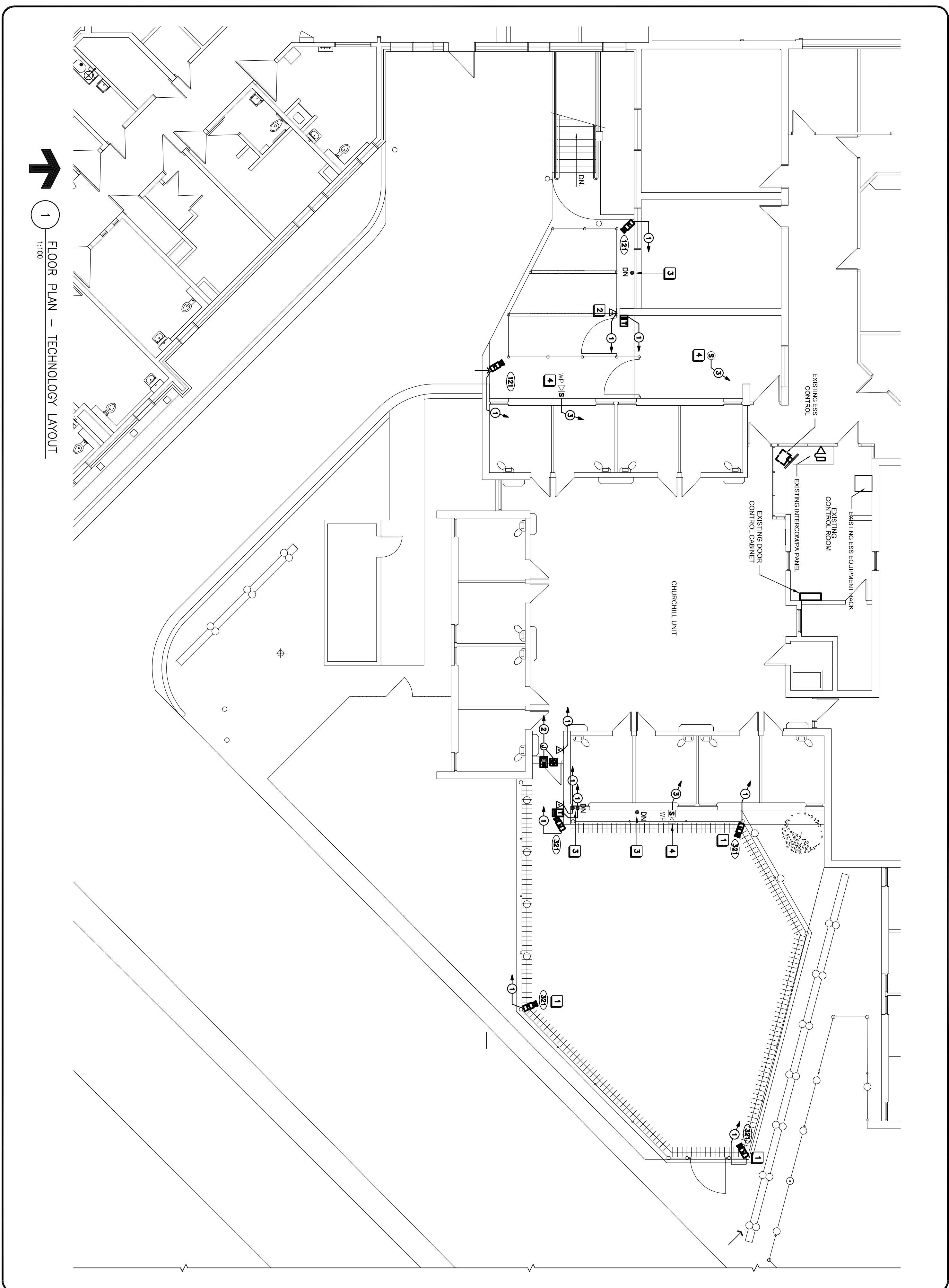
Project  
CSC-RHQ REGIONAL PSYCHIATRIC CENTRE  
2520 CENTRAL AVENUE NORTH  
SASKATOON, SASKATCHEWAN






















Project  
CHURCHILL UNIT  
REDEVELOPMENT

|                      |                                |
|----------------------|--------------------------------|
| Designed by          | Conçu par                      |
| KK                   |                                |
| Drawn by             | Dessiné par                    |
| SMA                  |                                |
| Approved by          | Approuvé par                   |
| PMSC Project Manager | Administrateur de Projets PMSC |
| Etienne Haque        |                                |
| Drawing title        | Titre du dessin                |

## FIRST FLOOR TECHNOLOGY LAYOUT

|                           |                           |              |
|---------------------------|---------------------------|--------------|
| Project no./No. du projet | Drawing no./No. du dessin | Revision no. |
| R.07945.001               | T-1<br>OF 1               | 0            |



| TECHNOLOGY SYMBOL LEGEND  |   |
|---|---|
| SYMBOL  | DESCRIPTION   |
| <b>SECURITY</b>   |   |
|  | PROXIMITY CARD READER                                 |
|  | CARD READER - GUARD TOUR                              |
|  | CARD READER - CALL CANCELLATION                       |
|  | DOOR POSITION SWITCH                                  |
|  | PUSHBUTTON  |
|  | ELECTRONIC LOCK                                       |
|  | CAMERA - FIXED WITH VARIOFOCUS                        |
|  | CAMERA - MEGAPIXEL                                    |
|  | CAMERA TYPE IDENTIFIER                                |
| <b>COMMUNICATION</b>  |   |
|  | DATA OUTLET   |
|  | ANALOGUE TELEPHONE OUTLET                             |
|   | INTERCOM  |
|    | CALL MONITORING DEVICE                                |
|    | LOUDSPEAKER   |
|    | LOUDSPEAKER - WALL MOUNTED                            |
|    | SECURITY INTERCOM & COMMUNICATION WORKSTATIONS        |
| <b>CONDUIT AND JUNCTION BOXES</b>   |   |
|    | JUNCTION BOX  |
|    | ALTERNATIVE JUNCTION BOX                              |
|    | CONDUIT   |
|    | DRINKING FOUNTAIN                                     |
|    | WEATHERPROOF DEVICE MOUNTED ABOVE COUNTER OR MILLWORK |

SECURITY GENERAL NOTES:

1. DEVICES SHOWN SHOULD BE EXISTING TO REMAIN. DEVICES SHOWN BELOW ARE NEW, UNLESS NOTED OTHERWISE.
2. CONDUIT RUNS ARE TO BE CONTINUED ON THE EXISTING CONDUIT SYSTEM.
3. WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE WIRING INSTALLATION CABINET PULL AND TERMINALS BY DIVISION 8.
4. SUPPLY AND INSTALLATION OF DOORS, FRAME AND HARDWARE BY DIVISION 8.
5. SUPPLY AND INSTALLATION OF ALL CONDUIT, BOXES, AND RUGHS-N BY DIVISION 26.
6. SUPPLY AND INSTALLATION OF WIRING FROM DOOR HARDWARE TO DOOR TERMINATION CABINET BY DIVISION 26.
7. WIRING TERMINATION AT DOOR HARDWARE AND DOOR HARDWARE TERMINATION AT DOOR TERMINATION CABINET BY DIVISION 8.
8. SUPPLY, INSTALLATION AND TERMINATION OF 120VAC POWER TO DOOR HARDWARE EQUIPMENT LOCATIONS BY DIVISION 26.
9. SUPPLY AND INSTALLATION OF FIRE ALARM INTERFERENCE AND CONTACTS BY DIVISION 26.
10. SUPPLY AND INSTALLATION OF WIRING FROM DOOR TERMINATION CABINET AND TERMINATION TO DOOR TERMINATION ROOM BY DIVISION 26.
11. WIRING TERMINATION ON SECURITY DEVS. OF DOOR TERMINATION ROOM BY DIVISION 26.


### KEY NOTES:

- 1** MOUNT CAMERA ON POLE OUTSIDE OF FENCE WITH EXTENSION 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 CRAWL SPACE.
- 4** ADD PA ZONE TO EXISTING SYSTEM.


## HOME RUN SCHEDULE

- ① 21mmC & 1 CAT 6 TO ESS EQUIPMENT RACK IN EXISTING CONTROL ROOM
- ② 27mmC & 2-PR#22 SHIELDED & 2#14 TO DOOR CONTROL CABINET
- ③ 27mmC & 1-PR#20 SHIELDED TO INTERCOM/PA PANEL



|              |   |
|--------------|---|
| TYPE:        | 2MP INDOOR FIXED (1920x1080P) CAMERA W/ VARIFOCUS   |
| SYMBOL:      |    |
| DESCRIPTION: | COLOR DAY/NIGHT IP (PoE) CAMERA, (2MP) W/ REMOTE AUTO FOCUS/ZOOM LENS, WIDE-ANGLE (2.8mm to 12mm) W/ HORIZONTAL FIELD OF VIEW 1.5° TO 3.5° & 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)  |
| CABLEING:    | 1x CAT6 (IP VIDEO & CAMERA POWER)   |
| ELECTRICAL:  | POWER OVER ETHERNET (2000) 9W   |



|              |   |
|--------------|---|
| TYPE:        | 240P EXTERIOR (1080P) WERFICAL CAMERA   |
| SYMBOL:      |  (321)   |
| DESCRIPTION: | COLOR DAY/NIGHT IP (P2P) CAMERA (1MP) W/ REMOTE AUTO FOCUS/ZOOM LENS, WERFICAL LENS (2.8MM TO 12MM) W/ HORIZONTAL FIELD OF VIEW 1.3° TO 33.8°, 1080P HOUSING W/ POLYCARBONATE DOME, IP66 RATED, POWER IEEE 802.3AV. |
| LOCATIONS:   | BUILDING EXTERIOR (600mm BELOW ROOF), COURTYARD FENCE (ABOVE RAZOR WHITE COUL)  |
| MOUNTING:    | ARM, WALL OR POLE, ADJ. EXTENSION TO ABOVE RAZOR WHITE  |
| CABLING:     | 1x CAT6 (IP VIDEO & CAMERA POWER)   |
| ELECTRICAL:  | (24VAC) 17W.  |